

Matrix Metalloproteinases: Regulators of the Tumor Mi

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Citation Report

#	ARTICLE	IF	CITATIONS
3	Alternative Splicing: A Promising Target for Pharmaceutical Inhibition of Pathological Angiogenesis?. <i>Current Pharmaceutical Design</i> , 2010, 16, 3864-3876.	0.9	9
4	Detection of Functional Matrix Metalloproteinases by Zymography. <i>Journal of Visualized Experiments</i> , 2010, , .	0.2	77
6	Matrix metalloproteinases (MMPs) and tissue inhibitors of metalloproteinases (TIMPs): Positive and negative regulators in tumor cell adhesion. <i>Seminars in Cancer Biology</i> , 2010, 20, 161-168.	4.3	592
7	Tumorigenic and adhesive properties of heparanase. <i>Seminars in Cancer Biology</i> , 2010, 20, 153-160.	4.3	57
8	Metalloprotease-Dependent Onset of Blood Circulation in Zebrafish. <i>Current Biology</i> , 2010, 20, 1110-1116.	1.8	38
9	The "chemoinvasion"™ assay, 25 years and still going strong: the use of reconstituted basement membranes to study cell invasion and angiogenesis. <i>Current Opinion in Cell Biology</i> , 2010, 22, 677-689.	2.6	65
10	N6-Alkyladenosines: Synthesis and evaluation of in vitro anticancer activity. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 8396-8402.	1.4	34
11	Multi-cancer computational analysis reveals invasion-associated variant of desmoplastic reaction involving INHBA, THBS2 and COL11A1. <i>BMC Medical Genomics</i> , 2010, 3, 51.	0.7	156
12	Activity-based protein profiling for biochemical pathway discovery in cancer. <i>Nature Reviews Cancer</i> , 2010, 10, 630-638.	12.8	289
13	Multi-Cancer Computational Analysis Reveals Metastasis-Associated Variant of Desmoplastic Reaction Involving INHBA and THBS2. <i>Nature Precedings</i> , 2010, , .	0.1	0
14	Control of neuronal migration through rostral migration stream in mice. <i>Anatomy and Cell Biology</i> , 2010, 43, 269.	0.5	45
15	14-3-3 β associates with cell surface aminopeptidase N in the regulation of matrix metalloproteinase-1. <i>Journal of Cell Science</i> , 2010, 123, 2996-3005.	1.2	34
16	Inhibition of matrix metalloproteinases in Siberian hamsters impedes photostimulated recrudescence of ovaries. <i>Reproduction</i> , 2010, 140, 875-883.	1.1	4
17	Metzincin Proteases and Their Inhibitors: Foes or Friends in Nervous System Physiology?. <i>Journal of Neuroscience</i> , 2010, 30, 15337-15357.	1.7	204
18	Internal Cleavages of the Autoinhibitory Prodomain Are Required for Membrane Type 1 Matrix Metalloproteinase Activation, although Furin Cleavage Alone Generates Inactive Proteinase. <i>Journal of Biological Chemistry</i> , 2010, 285, 27726-27736.	1.6	21
19	Matrix Metalloproteinases and Tissue Inhibitor of Metalloproteinases Are Essential for the Inflammatory Response in Cancer Cells. <i>Journal of Signal Transduction</i> , 2010, 2010, 1-7.	2.0	67
20	Sex steroids and breast cancer metastasis. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2010, 3, 383-9.	0.3	3
21	The role of microenvironment in testicular germ cell tumors. <i>Cancer Biology and Therapy</i> , 2010, 10, 529-536.	1.5	25

#	ARTICLE	IF	CITATIONS
22	CADPE Inhibits PMA-Stimulated Gastric Carcinoma Cell Invasion and Matrix Metalloproteinase-9 Expression by FAK/MEK/ERK-Mediated AP-1 Activation. <i>Molecular Cancer Research</i> , 2010, 8, 1477-1488.	1.5	60
23	Cholesterol Sulfate Alters Substrate Preference of Matrix Metalloproteinase-7 and Promotes Degradations of Pericellular Laminin-332 and Fibronectin. <i>Journal of Biological Chemistry</i> , 2010, 285, 28862-28873.	1.6	21
24	Endogenous Matrix-Derived Inhibitors of Angiogenesis. <i>Pharmaceuticals</i> , 2010, 3, 3021-3039.	1.7	9
25	The Wnt/Planar Cell Polarity Protein-tyrosine Kinase-7 (PTK7) Is a Highly Efficient Proteolytic Target of Membrane Type-1 Matrix Metalloproteinase. <i>Journal of Biological Chemistry</i> , 2010, 285, 35740-35749.	1.6	77
26	Getting the Message. <i>Advances in Virus Research</i> , 2010, 78, 1-42.	0.9	22
27	The Crosstalk Between the Matrix Metalloprotease System and the Chemokine Network in Acute Myeloid Leukemia. <i>Current Medicinal Chemistry</i> , 2010, 17, 4448-4461.	1.2	80
28	UV irradiation induces Snail expression by AP-1 dependent mechanism in human skin keratinocytes. <i>Journal of Dermatological Science</i> , 2010, 60, 105-113.	1.0	38
29	Exogenous coenzyme Q10 modulates MMP-2 activity in MCF-7 cell line as a breast cancer cellular model. <i>Nutrition Journal</i> , 2010, 9, 62.	1.5	30
30	The extracellular matrix at a glance. <i>Journal of Cell Science</i> , 2010, 123, 4195-4200.	1.2	3,130
31	Tumors as Organs: Complex Tissues that Interface with the Entire Organism. <i>Developmental Cell</i> , 2010, 18, 884-901.	3.1	988
32	Ischemia-induced angiogenesis is impaired in aminopeptidase A deficient mice via down-regulation of HIF-1 α . <i>Biochemical and Biophysical Research Communications</i> , 2010, 402, 396-401.	1.0	4
33	Comparison of Ki67 and modified AgNOR in dysplastic epithelial lesion, primary squamous cell carcinoma and metastatic squamous cell carcinoma of head and neck. <i>Basic and Applied Pathology</i> , 2010, 3, 121-125.	0.2	2
34	TLR2-Mediated Expansion of MDSCs Is Dependent on the Source of Tumor Exosomes. <i>American Journal of Pathology</i> , 2010, 177, 1606-1610.	1.9	78
35	Matrix metalloproteinase-9 measured in urine from bladder cancer patients is an independent prognostic marker of poor survival. <i>Acta Oncologica</i> , 2010, 49, 1283-1287.	0.8	37
36	Severe lung fibrosis requires an invasive fibroblast phenotype regulated by hyaluronan and CD44. <i>Journal of Experimental Medicine</i> , 2011, 208, 1459-1471.	4.2	322
37	Proteolytic Activity Matrix Analysis (PrAMA) for simultaneous determination of multiple protease activities. <i>Integrative Biology (United Kingdom)</i> , 2011, 3, 422-438.	0.6	77
38	<i>In situ</i> force mapping of mammary gland transformation. <i>Integrative Biology (United Kingdom)</i> , 2011, 3, 910-921.	0.6	242
39	Quiescin Sulphydryl Oxidase 1 Promotes Invasion of Pancreatic Tumor Cells Mediated by Matrix Metalloproteinases. <i>Molecular Cancer Research</i> , 2011, 9, 1621-1631.	1.5	51

#	ARTICLE	IF	CITATIONS
40	Association of candidate genetic variations with gastric cardia adenocarcinoma in Chinese population: a multiple interaction analysis. <i>Carcinogenesis</i> , 2011, 32, 336-342.	1.3	45
41	Controlling and Switching the Morphology of Micellar Nanoparticles with Enzymes. <i>Journal of the American Chemical Society</i> , 2011, 133, 8392-8395.	6.6	166
42	The Role of Stromal Myofibroblast and Extracellular Matrix in Tumor Angiogenesis. <i>Genes and Cancer</i> , 2011, 2, 1139-1145.	0.6	100
43	Chemoselective Surface Immobilization of Proteins through a Cleavable Peptide. <i>Bioconjugate Chemistry</i> , 2011, 22, 1753-1757.	1.8	14
44	Retroviral Display in Gene Therapy, Protein Engineering, and Vaccine Development. <i>ACS Chemical Biology</i> , 2011, 6, 61-74.	1.6	15
45	Mechanical Load Induces a 100-Fold Increase in the Rate of Collagen Proteolysis by MMP-1. <i>Journal of the American Chemical Society</i> , 2011, 133, 1686-1689.	6.6	110
46	Stictamides Aâˆ™C, MMP12 Inhibitors Containing 4-Amino-3-hydroxy-5-phenylpentanoic Acid Subunits. <i>Journal of Organic Chemistry</i> , 2011, 76, 3635-3643.	1.7	15
47	Dual-Functional, Receptor-Targeted Fluorogenic Probe for In Vivo Imaging of Extracellular Protease Expressions. <i>Bioconjugate Chemistry</i> , 2011, 22, 1001-1005.	1.8	13
48	Cellular and molecular mechanisms of pomegranate juice-induced anti-metastatic effect on prostate cancer cells. <i>Integrative Biology (United Kingdom)</i> , 2011, 3, 742-754.	0.6	60
49	Measuring Matrix Metalloproteinase Activity in Macrophages and Polymorphonuclear Leukocytes. <i>Current Protocols in Immunology</i> , 2011, 93, Unit14.24.	3.6	6
50	Cathepsin E as a Potent Anticancer Protease. <i>Journal of Oral Biosciences</i> , 2011, 53, 128-136.	0.8	2
51	Activation of Pro-uPA Is Critical for Initial Escape from the Primary Tumor and Hematogenous Dissemination of Human Carcinoma Cells. <i>Neoplasia</i> , 2011, 13, 806-IN7.	2.3	42
53	Remodeling and homeostasis of the extracellular matrix: implications for fibrotic diseases and cancer. <i>DMM Disease Models and Mechanisms</i> , 2011, 4, 165-178.	1.2	1,248
54	Role of cancer-associated fibroblasts in breast cancer development and prognosis. <i>International Journal of Developmental Biology</i> , 2011, 55, 841-849.	0.3	95
55	Molecular Targets of Resveratrol in Carcinogenesis. <i>Evidence-based Anticancer Complementary and Alternative Medicine</i> , 2011, , 319-347.	0.1	2
56	Imaging of Specific Activation of Photodynamic Molecular Beacons in Breast Cancer Vertebral Metastases. <i>Bioconjugate Chemistry</i> , 2011, 22, 1021-1030.	1.8	35
57	Clinical applications of non-antimicrobial tetracyclines in dermatology. <i>Pharmacological Research</i> , 2011, 63, 130-145.	3.1	102
58	Chemically modified non-antimicrobial tetracyclines are multifunctional drugs against advanced cancersâˆ™†. <i>Pharmacological Research</i> , 2011, 63, 146-150.	3.1	52

#	ARTICLE	IF	CITATIONS
59	The estrogen receptor alpha-derived peptide ER α 17p (P ₂₉₅ â€” ₃₁₁) exerts proapoptotic actions in breast cancer cells <i>in vitro</i> and <i>in vivo</i> , independently from their ER α status. <i>Molecular Oncology</i> , 2011, 5, 36-47.	2.1	32
60	Granulation tissue formation and remodeling. <i>Endodontic Topics</i> , 2011, 24, 94-129.	0.5	51
61	<i>In Vivo</i> Optical Imaging of Membrane-Type Matrix Metalloproteinase (MT-MMP) Activity. <i>Molecular Pharmaceutics</i> , 2011, 8, 2331-2338.	2.3	49
62	Matrix Metalloproteinase-8 Is Overexpressed in Waldenström's Macroglobulinemia Cells, and Specific Inhibition of this Metalloproteinase Blocks Release of Soluble CD27. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2011, 11, 172-175.	0.2	14
63	Dieckol Inhibits 12-O-tetradecanoylphorbol-13-acetate-induced SK-Hep1 Human Hepatoma Cell Motility through Suppression of Matrix Metalloproteinase-9 Activity. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2011, 54, 376-381.	0.9	9
64	Cancer evolution and individual susceptibility. <i>Integrative Biology (United Kingdom)</i> , 2011, 3, 316.	0.6	37
65	Selective Water-Soluble Gelatinase Inhibitor Prodrugs. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 6676-6690.	2.9	44
66	Alcohol, Cancer Genes, and Signaling Pathways. , 2011, , 93-126.		1
67	Mechanical Load Induces a 100-Fold Increase in the Rate of Collagen Proteolysis by MMP-1. <i>Biophysical Journal</i> , 2011, 100, 513a.	0.2	30
68	Tumor-Recruited Neutrophils and Neutrophil TIMP-Free MMP-9 Regulate Coordinately the Levels of Tumor Angiogenesis and Efficiency of Malignant Cell Intravasation. <i>American Journal of Pathology</i> , 2011, 179, 1455-1470.	1.9	254
69	Endogenous Angiogenesis Inhibitor Blocks Tumor Growth via Direct and Indirect Effects on Tumor Microenvironment. <i>American Journal of Pathology</i> , 2011, 179, 2589-2600.	1.9	53
70	Tumor Metastasis: Molecular Insights and Evolving Paradigms. <i>Cell</i> , 2011, 147, 275-292.	13.5	3,143
71	ATXN1 Protein Family and CIC Regulate Extracellular Matrix Remodeling and Lung Alveolarization. <i>Developmental Cell</i> , 2011, 21, 746-757.	3.1	89
72	The microenvironment in follicular lymphoma. <i>Best Practice and Research in Clinical Haematology</i> , 2011, 24, 135-146.	0.7	57
73	Suppression of tumorigenicity of rhabdoid tumor derived G401 cells by the multivalent HB-19 pseudopeptide that targets surface nucleolin. <i>Biochimie</i> , 2011, 93, 426-433.	1.3	31
74	Downregulation of matrix metalloproteinase-9 by melatonin during prevention of alcohol-induced liver injury in mice. <i>Biochimie</i> , 2011, 93, 854-866.	1.3	61
75	Optical advances in skeletal imaging applied to bone metastases. <i>Bone</i> , 2011, 48, 106-114.	1.4	30
76	Matrix metalloproteinases in osteoclasts of ontogenetic and regenerating zebrafish scales. <i>Bone</i> , 2011, 48, 704-712.	1.4	78

#	ARTICLE	IF	CITATIONS
77	Anti-angiogenic effect of Tanshinone IIA involves inhibition of matrix invasion and modification of MMP-2/TIMP-2 secretion in vascular endothelial cells. <i>Cancer Letters</i> , 2011, 310, 198-206.	3.2	63
78	Nitidine Chloride inhibits breast cancer cells migration and invasion by suppressing c-Src/FAK associated signaling pathway. <i>Cancer Letters</i> , 2011, 313, 181-191.	3.2	94
79	Inhibitor of DNA binding-1 induces mesenchymal features and promotes invasiveness in thyroid tumour cells. <i>European Journal of Cancer</i> , 2011, 47, 934-945.	1.3	33
80	ARP101, a selective MMP-2 inhibitor, induces autophagy-associated cell death in cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2011, 404, 1039-1043.	1.0	45
81	Analysis of apolipoprotein A-I as a substrate for matrix metalloproteinase-14. <i>Biochemical and Biophysical Research Communications</i> , 2011, 409, 58-63.	1.0	14
82	Genetic dissection of proteolytic and non-proteolytic contributions of MT1-MMP to macrophage invasion. <i>Biochemical and Biophysical Research Communications</i> , 2011, 413, 277-281.	1.0	20
83	Glioblastoma cells: A heterogeneous and fatal tumor interacting with the parenchyma. <i>Life Sciences</i> , 2011, 89, 532-539.	2.0	100
84	β 1 integrin regulates MMP-10 dependant tubulogenesis in human lymphatic endothelial cells. <i>Matrix Biology</i> , 2011, 30, 218-224.	1.5	6
85	Inhibitory effects of <i>Physalis angulata</i> on tumor metastasis and angiogenesis. <i>Journal of Ethnopharmacology</i> , 2011, 135, 762-771.	2.0	44
86	Differential effects of anti-metastatic mechanism of Tian-Xian liquid (TXL) and its bioactive fractions on human colorectal cancer models. <i>Journal of Ethnopharmacology</i> , 2011, 137, 403-413.	2.0	7
87	Lumican inhibits angiogenesis by interfering with β 1 receptor activity and downregulating MMP-14 expression. <i>Thrombosis Research</i> , 2011, 128, 452-457.	0.8	66
88	The design and application of fluorophore-gold nanoparticle activatable probes. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 9929.	1.3	206
89	New opportunities in drug design of metalloproteinase inhibitors: combination between structure-function experimental approaches and systems biology. <i>Expert Opinion on Drug Discovery</i> , 2011, 6, 527-542.	2.5	27
90	Cell invasion through basement membrane: the anchor cell breaches the barrier. <i>Current Opinion in Cell Biology</i> , 2011, 23, 589-596.	2.6	74
91	Single-nucleotide polymorphisms of matrix metalloproteinases and their inhibitors in gastrointestinal cancer. <i>World Journal of Gastrointestinal Oncology</i> , 2011, 3, 79.	0.8	22
92	Impact of heparanase and the tumor microenvironment on cancer metastasis and angiogenesis: basic aspects and clinical applications. <i>Rambam Maimonides Medical Journal</i> , 2011, 2, e0019.	0.4	28
93	Naturally Occurring Organic Sulfur Compounds: An Example of a Multitasking Class of Phytochemicals in Anti-Cancer Research. , 0, , .		11
94	Brain Tumor Exosomes and Microvesicles: Pleiotropic Effects from Tiny Cellular Surrogates. , 0, , .		3

#	ARTICLE	IF	CITATIONS
95	Salvianolic Acid B, a Potential Chemopreventive Agent, for Head and Neck Squamous Cell Cancer. <i>Journal of Oncology</i> , 2011, 2011, 1-8.	0.6	38
96	Adipocyte is a non-trivial, dynamic partner of breast cancer cells. <i>International Journal of Developmental Biology</i> , 2011, 55, 851-859.	0.3	144
97	Matrix Metalloproteinase-2 and -7 Expression in Colorectal Cancer. <i>Journal of the Korean Society of Coloproctology</i> , 2011, 27, 133.	0.9	21
98	Human Cancer Classification: A Systems Biology- Based Model Integrating Morphology, Cancer Stem Cells, Proteomics, and Genomics. <i>Journal of Cancer</i> , 2011, 2, 107-115.	1.2	43
99	Real-Time Video Imaging of Protease Expression In Vivo. <i>Theranostics</i> , 2011, 1, 18-27.	4.6	76
100	Matrix metalloproteinase-13 is regulated by toll-like receptor-9 in colorectal cancer cells and mediates cellular migration. <i>Oncology Letters</i> , 2011, 2, 483-488.	0.8	12
101	MT-MMPS as Regulators of Vessel Stability Associated with Angiogenesis. <i>Frontiers in Pharmacology</i> , 2011, 2, 111.	1.6	64
102	Extracellular Matrix Microenvironment in Glioma Progression. , 0, , .		23
103	Myocardial Basis for Heart Failure. , 2011, , 73-84.		1
104	Epigenetic regulation of proMMP-1 expression in the HT1080 human fibrosarcoma cell line. <i>International Journal of Oncology</i> , 2011, 38, 1713-8.	1.4	6
105	The Effect of a DNA Repair Gene on Cellular Invasiveness: Xrcc3 Over-Expression in Breast Cancer Cells. <i>PLoS ONE</i> , 2011, 6, e16394.	1.1	20
106	Interleukin 17A Promotes Hepatocellular Carcinoma Metastasis via NF- κ B Induced Matrix Metalloproteinases 2 and 9 Expression. <i>PLoS ONE</i> , 2011, 6, e21816.	1.1	168
107	Calcium Prevents Tumorigenesis in a Mouse Model of Colorectal Cancer. <i>PLoS ONE</i> , 2011, 6, e22566.	1.1	28
108	Malignant phenotype of renal cell carcinoma cells is switched by Ukrain administration in vitro. <i>Anti-Cancer Drugs</i> , 2011, 22, 749-762.	0.7	11
109	Matrix metalloproteinase 12 overexpression in myeloid lineage cells plays a key role in modulating myelopoiesis, immune suppression, and lung tumorigenesis. <i>Blood</i> , 2011, 117, 4476-4489.	0.6	74
110	The P2 $\hat{\epsilon}$ residue is a key determinant of mesotrypsin specificity: engineering a high-affinity inhibitor with anticancer activity. <i>Biochemical Journal</i> , 2011, 440, 95-105.	1.7	37
111	Fibulin-3 promoter methylation alters the invasive behavior of non-small cell lung cancer cell lines via MMP-7 and MMP-2 regulation. <i>International Journal of Oncology</i> , 2011, 40, 402-8.	1.4	32
112	Detection of Oral Squamous Cell Carcinoma and Cervical Lymph Node Metastasis Using Activatable Near-Infrared Fluorescence Agents. <i>JAMA Otolaryngology</i> , 2011, 137, 609.	1.5	24

#	ARTICLE	IF	CITATIONS
113	Matrix metalloproteinase-9 cooperates with transcription factor Snail to induce epithelial-mesenchymal transition. <i>Cancer Science</i> , 2011, 102, 815-827.	1.7	152
114	Monocarboxylate transporters 1 and 4 are involved in the invasion activity of human lung cancer cells. <i>Cancer Science</i> , 2011, 102, 1007-1013.	1.7	147
115	Fascin-1 expression correlates with repression of E-cadherin expression in hepatocellular carcinoma cells and augments their invasiveness in combination with matrix metalloproteinases. <i>Cancer Science</i> , 2011, 102, 1228-1235.	1.7	79
116	Tumor stroma reaction-related gene signature predicts clinical outcome in human hepatocellular carcinoma. <i>Cancer Science</i> , 2011, 102, 1522-1531.	1.7	45
117	Roles of matrix metalloproteinases in cancer progression and their pharmacological targeting. <i>FEBS Journal</i> , 2011, 278, 16-27.	2.2	1,305
118	Extracellular TG2: emerging functions and regulation. <i>FEBS Journal</i> , 2011, 278, 4704-4716.	2.2	157
119	Balancing forces: architectural control of mechanotransduction. <i>Nature Reviews Molecular Cell Biology</i> , 2011, 12, 308-319.	16.1	817
120	The 'ins' and 'outs' of podosomes and invadopodia: characteristics, formation and function. <i>Nature Reviews Molecular Cell Biology</i> , 2011, 12, 413-426.	16.1	917
121	ADAM17 (TACE) regulates TGF β 2 signaling through the cleavage of vasorin. <i>Oncogene</i> , 2011, 30, 1912-1922.	2.6	75
122	CEACAM1 creates a pro-angiogenic tumor microenvironment that supports tumor vessel maturation. <i>Oncogene</i> , 2011, 30, 4275-4288.	2.6	44
123	Raf kinases in cancer roles and therapeutic opportunities. <i>Oncogene</i> , 2011, 30, 3477-3488.	2.6	247
124	From Rous sarcoma virus to plasminogen activator, src oncogene and cancer management. <i>Oncogene</i> , 2011, 30, 3003-3010.	2.6	27
125	Peritubular myoid cell-derived factors and its potential role in the progression of testicular germ cell tumours. <i>Journal of Developmental and Physical Disabilities</i> , 2011, 34, e252-64; discussion e264-5.	3.6	15
126	Proteolytic networks in cancer. <i>Trends in Cell Biology</i> , 2011, 21, 228-237.	3.6	460
127	Extracellular matrix determinants of proteolytic and non-proteolytic cell migration. <i>Trends in Cell Biology</i> , 2011, 21, 736-744.	3.6	293
128	Initial steps of metastasis: Cell invasion and endothelial transmigration. <i>Mutation Research - Reviews in Mutation Research</i> , 2011, 728, 23-34.	2.4	642
129	High-affinity peptide against MT1-MMP for in vivo tumor imaging. <i>Journal of Controlled Release</i> , 2011, 150, 248-255.	4.8	58
130	Noninvasive imaging of MT1-MMP-positive tumors. <i>Journal of Controlled Release</i> , 2011, 150, 237.	4.8	0

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131	The tumor microenvironment in hepatocellular carcinoma: Current status and therapeutic targets. <i>Seminars in Cancer Biology</i> , 2011, 21, 35-43.	4.3	322
132	NHE1 mediates MDA-MB-231 cells invasion through the regulation of MT1-MMP. <i>Experimental Cell Research</i> , 2011, 317, 2031-2040.	1.2	49
133	Matrix metalloproteinases and their inhibitors and inducer in gestational trophoblastic diseases and normal placenta. <i>Gynecologic Oncology</i> , 2011, 122, 178-182.	0.6	24
134	The mechanisms by which polyamines accelerate tumor spread. <i>Journal of Experimental and Clinical Cancer Research</i> , 2011, 30, 95.	3.5	203
135	The soluble Interleukin 6 receptor: Generation and role in inflammation and cancer. <i>European Journal of Cell Biology</i> , 2011, 90, 484-494.	1.6	248
136	Phosphorylated c-Jun and Fra-1 induce matrix metalloproteinase-1 and thereby regulate invasion activity of 143B osteosarcoma cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 1543-1553.	1.9	43
137	Unknown primary tumors. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2011, 1816, 13-24.	3.3	23
138	Antimetastatic effect and mechanism of ovatodiolide in MDA-MB-231 human breast cancer cells. <i>Chemico-Biological Interactions</i> , 2011, 194, 148-158.	1.7	26
139	Matrix Metalloproteinase-2 Conditions Human Dendritic Cells to Prime Inflammatory TH2 Cells via an IL-12- and OX40L-Dependent Pathway. <i>Cancer Cell</i> , 2011, 19, 333-346.	7.7	59
140	Stat3 and MMP7 Contribute to Pancreatic Ductal Adenocarcinoma Initiation and Progression. <i>Cancer Cell</i> , 2011, 19, 441-455.	7.7	452
141	Hallmarks of Cancer: The Next Generation. <i>Cell</i> , 2011, 144, 646-674.	13.5	52,242
142	Tuberculosis Immunopathology: The Neglected Role of Extracellular Matrix Destruction. <i>Science Translational Medicine</i> , 2011, 3, 71ps6.	5.8	100
143	Remarkable Potential of the $\hat{\pm}$ -Aminophosphonate/Phosphinate Structural Motif in Medicinal Chemistry. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 5955-5980.	2.9	529
144	Maspin Reprograms the Gene Expression Profile of Prostate Carcinoma Cells for Differentiation. <i>Genes and Cancer</i> , 2011, 2, 1009-1022.	0.6	38
145	Cancer Cell Invasion: Treatment and Monitoring Opportunities in Nanomedicine. <i>Advanced Drug Delivery Reviews</i> , 2011, 63, 582-596.	6.6	118
146	The heparanase system and tumor metastasis: is heparanase the seed and soil?. <i>Cancer and Metastasis Reviews</i> , 2011, 30, 253-268.	2.7	86
147	Ob/ob serum promotes a mesenchymal cell phenotype in B16BL6 melanoma cells. <i>Clinical and Experimental Metastasis</i> , 2011, 28, 877-886.	1.7	46
148	Unravelling the antimetastatic potential of pentoxifylline, a methylxanthine derivative in human MDA-MB-231 breast cancer cells. <i>Molecular and Cellular Biochemistry</i> , 2011, 358, 141-151.	1.4	35

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149	Inhibitory effect of phytylglycoprotein (38ÅkDa) on expression of matrix metalloproteinase-9 in 12-O-tetradecanoylphorbol-13-acetate-treated HepG2cells. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 384, 185-196.	1.4	16
150	Angiogenesis and Multiple Myeloma. Cancer Microenvironment, 2011, 4, 325-337.	3.1	88
151	Vascular Pathology as a Potential Therapeutic Target in SCI. Translational Stroke Research, 2011, 2, 556-574.	2.3	15
152	Procyanidins inhibit tumor angiogenesis by crosslinking extracellular matrix. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2011, 23, 99-106.	0.7	14
153	Targeting surface nucleolin with multivalent HB-19 and related Nucant pseudopeptides results in distinct inhibitory mechanisms depending on the malignant tumor cell type. BMC Cancer, 2011, 11, 333.	1.1	56
154	What does matrix metalloproteinase-1 expression in patients with breast cancer really tell us?. BMC Medicine, 2011, 9, 95.	2.3	18
155	Pharmacokinetics and pharmacodynamics of VEGF-neutralizing antibodies. BMC Systems Biology, 2011, 5, 193.	3.0	58
156	Tissue inhibitor of metalloproteinase 1 (TIMP-1) deficiency exacerbates carbon tetrachloride-induced liver injury and fibrosis in mice: involvement of hepatocyte STAT3 in TIMP-1 production. Cell and Bioscience, 2011, 1, 14.	2.1	63
157	Astrocyte elevated gene 1: biological functions and molecular mechanism in cancer and beyond. Cell and Bioscience, 2011, 1, 36.	2.1	36
158	Notch modulates VEGF action in endothelial cells by inducing Matrix Metalloprotease activity. Vascular Cell, 2011, 3, 2.	0.2	81
159	Surveying proteolytic processes in human cancer microenvironments by microdialysis and activity-based mass spectrometry. Proteomics - Clinical Applications, 2011, 5, 636-643.	0.8	19
160	The molecular and pathophysiological implications of hepatitis B X antigen in chronic hepatitis B virus infection. Reviews in Medical Virology, 2011, 21, 315-329.	3.9	40
161	Treatment effects of rhBMP-2 on invasiveness of oral carcinoma cell lines. Laryngoscope, 2011, 121, 1876-1880.	1.1	23
162	Relationships of lipocalin 2 with breast tumorigenesis and metastasis. Journal of Cellular Physiology, 2011, 226, 309-314.	2.0	75
163	New signaling pathways from cancer progression modulators to mRNA expression of matrix metalloproteinases in breast cancer cells. Journal of Cellular Physiology, 2011, 226, 3378-3384.	2.0	16
164	Hypoxic stress and cancer: imaging the axis of evil in tumor metastasis. NMR in Biomedicine, 2011, 24, 569-581.	1.6	40
165	Extracellular proteolysis in macrophage migration: Losing grip for a breakthrough. European Journal of Immunology, 2011, 41, 2805-2813.	1.6	80
166	MicroRNA-29b suppresses tumor angiogenesis, invasion, and metastasis by regulating matrix metalloproteinase 2 expression. Hepatology, 2011, 54, 1729-1740.	3.6	276

#	ARTICLE	IF	CITATIONS
167	Protease profiling of liver fibrosis reveals the ADAM metallopeptidase with thrombospondin type 1 motif, 1 as a central activator of transforming growth factor beta. <i>Hepatology</i> , 2011, 54, 2173-2184.	3.6	66
168	A functional polymorphism (âˆ˜1607 1Gâ†’2G) in the matrix metalloproteinaseâ€”1 promoter is associated with development and progression of lung cancer. <i>Cancer</i> , 2011, 117, 5172-5181.	2.0	35
169	IGFBPâ€”4 activates the Wnt/betaâ€”catenin signaling pathway and induces Mâ€”CAM expression in human renal cell carcinoma. <i>International Journal of Cancer</i> , 2011, 129, 2360-2369.	2.3	52
170	Functional interrelationship between the WASF3 and KISS1 metastasisâ€”associated genes in breast cancer cells. <i>International Journal of Cancer</i> , 2011, 129, 2825-2835.	2.3	52
171	Do all roads lead to Rome? Routes to metastasis development. <i>International Journal of Cancer</i> , 2011, 128, 2511-2526.	2.3	119
172	Leukocytes as paracrine regulators of metastasis and determinants of organâ€”specific colonization. <i>International Journal of Cancer</i> , 2011, 128, 2536-2544.	2.3	47
174	Hybrid Ferritin Nanoparticles as Activatable Probes for Tumor Imaging. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1569-1572.	7.2	105
175	Correlation of matrix metalloproteinases and their inhibitors with hypoxia and angiogenesis in premenopausal patients with adenocarcinoma of the breast. <i>Clinical Biochemistry</i> , 2011, 44, 969-974.	0.8	8
176	Fluorescent water soluble polymers for isozyme-selective interactions with matrix metalloproteinase-9. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 2007-2010.	1.0	6
177	Molecular Mechanisms of Tumor Angiogenesis. <i>Genes and Cancer</i> , 2011, 2, 1085-1096.	0.6	170
178	Tumor Microenvironmentâ€”Derived Proteins Dominate the Plasma Proteome Response during Breast Cancer Induction and Progression. <i>Cancer Research</i> , 2011, 71, 5090-5100.	0.4	85
179	MT1-MMP Cooperates with KrasG12D to Promote Pancreatic Fibrosis through Increased TGF-â†’2 Signaling. <i>Molecular Cancer Research</i> , 2011, 9, 1294-1304.	1.5	53
180	How CD95 stimulates invasion. <i>Cell Cycle</i> , 2011, 10, 3857-3862.	1.3	29
181	Processing of Proaugurin Is Required to Suppress Proliferation of Tumor Cell Lines. <i>Molecular Endocrinology</i> , 2011, 25, 776-784.	3.7	33
182	How can grafted breast cancer models be optimized?. <i>Cancer Biology and Therapy</i> , 2011, 12, 855-864.	1.5	32
183	Nucleic Acid Aptamers Against Proteases. <i>Current Medicinal Chemistry</i> , 2011, 18, 4139-4151.	1.2	23
184	Small Interfering RNA for Effective Cancer Therapies. <i>Mini-Reviews in Medicinal Chemistry</i> , 2011, 11, 114-124.	1.1	11
185	Effect of Doxycycline on Atherosclerosis: From Bench to Bedside. <i>Recent Patents on Cardiovascular Drug Discovery</i> , 2011, 6, 42-54.	1.5	6

#	ARTICLE	IF	CITATIONS
186	Extracellular Matrix Degradation and Remodeling in Development and Disease. Cold Spring Harbor Perspectives in Biology, 2011, 3, a005058-a005058.	2.3	1,597
187	The Function and Interaction of Genes Related to Esophageal Squamous Cell Cancer. , 2011, , .		0
188	Virtual Screening of Lead Chemicals Based on HPX Domain of MT1-MMP. , 2011, , .		0
189	Ion channels and transporters in cancer. 3. Ion channels in the tumor cell-microenvironment cross talk. American Journal of Physiology - Cell Physiology, 2011, 301, C762-C771.	2.1	57
190	Stromal LRP1 in Lung Adenocarcinoma Predicts Clinical Outcome. Clinical Cancer Research, 2011, 17, 2426-2433.	3.2	39
191	Targeting the tumor microenvironment by immunotherapy: part 2. Immunotherapy, 2011, 3, 1385-1408.	1.0	7
192	HER2 Overexpression Elicits a Proinflammatory IL-6 Autocrine Signaling Loop That Is Critical for Tumorigenesis. Cancer Research, 2011, 71, 4380-4391.	0.4	116
193	Small-Molecule Anticancer Compounds Selectively Target the Hemopexin Domain of Matrix Metalloproteinase-9. Cancer Research, 2011, 71, 4977-4988.	0.4	112
194	The effects of a plant proteinase inhibitor from Enterolobium contortisiliquum on human tumor cell lines. Biological Chemistry, 2011, 392, 327-36.	1.2	30
195	Liver Metastasis: Biology and Clinical Management. Cancer Metastasis - Biology and Treatment, 2011, , .	0.1	6
196	Role of Fibulin-5 in Metastatic Organ Colonization. Molecular Cancer Research, 2011, 9, 553-563.	1.5	24
197	Novel Yeast Bioassay for High-Throughput Screening of Matrix Metalloproteinase Inhibitors. Applied and Environmental Microbiology, 2011, 77, 8573-8577.	1.4	5
198	Phosphoinositide 3-kinase signaling pathway mediated by p110 α regulates invadopodia formation. Journal of Cell Biology, 2011, 193, 1275-1288.	2.3	114
199	Intravital microscopy: new insights into metastasis of tumors. Journal of Cell Science, 2011, 124, 299-310.	1.2	132
200	Epigenetic regulation of matrix metalloproteinases and their collagen substrates in cancer. Biomolecular Concepts, 2011, 2, 135-147.	1.0	55
201	Thrombin-induced Migration and Matrix Metalloproteinase-9 Expression Are Regulated by MAPK and PI3K Pathways in C6 Glioma Cells. Korean Journal of Physiology and Pharmacology, 2011, 15, 211.	0.6	11
202	Cancer Cell-Associated MT1-MMP Promotes Blood Vessel Invasion and Distant Metastasis in Triple-Negative Mammary Tumors. Cancer Research, 2011, 71, 4527-4538.	0.4	93
203	Relaxin Enhances the Collagenolytic Activity and <i>In Vitro</i> Invasiveness by Upregulating Matrix Metalloproteinases in Human Thyroid Carcinoma Cells. Molecular Cancer Research, 2011, 9, 673-687.	1.5	35

#	ARTICLE	IF	CITATIONS
204	Interleukin 6, but Not T Helper 2 Cytokines, Promotes Lung Carcinogenesis. <i>Cancer Prevention Research</i> , 2011, 4, 51-64.	0.7	73
205	<i>Drosophila</i> Mmp2 Regulates the Matrix Molecule Faulty Attraction (Frac) to Promote Motor Axon Targeting in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2011, 31, 5335-5347.	1.7	24
206	Deletion of the Mint3/Apba3 Gene in Mice Abrogates Macrophage Functions and Increases Resistance to Lipopolysaccharide-induced Septic Shock. <i>Journal of Biological Chemistry</i> , 2011, 286, 32542-32551.	1.6	29
207	Human Leucine Zipper Protein sLZIP Induces Migration and Invasion of Cervical Cancer Cells via Expression of Matrix Metalloproteinase-9. <i>Journal of Biological Chemistry</i> , 2011, 286, 42072-42081.	1.6	25
208	Human decidua and invasive trophoblasts are rich sources of nearly all human matrix metalloproteinases. <i>Molecular Human Reproduction</i> , 2011, 17, 637-652.	1.3	122
209	The Process of Macrophage Migration Promotes Matrix Metalloproteinase-Independent Invasion by Tumor Cells. <i>Journal of Immunology</i> , 2011, 187, 3806-3814.	0.4	93
210	Anti-Angiogenic and Anti-Inflammatory Properties of Kahweol, a Coffee Diterpene. <i>PLoS ONE</i> , 2011, 6, e23407.	1.1	106
211	Effects of propofol on the expression of matric metalloproteinases in rat cardiac fibroblasts after hypoxia and reoxygenation. <i>British Journal of Anaesthesia</i> , 2011, 106, 650-658.	1.5	23
212	Metastasis Suppressor Genes. <i>International Review of Cell and Molecular Biology</i> , 2011, 286, 107-180.	1.6	136
213	Identification and gene expression profiling of tumor-initiating cells isolated from human osteosarcoma cell lines in an orthotopic mouse model. <i>Cancer Biology and Therapy</i> , 2011, 12, 278-287.	1.5	35
214	Free edges in epithelia as cues for motility. <i>Cell Adhesion and Migration</i> , 2011, 5, 106-110.	1.1	12
215	Host Response to Short-term, Single-Agent Chemotherapy Induces Matrix Metalloproteinase-9 Expression and Accelerates Metastasis in Mice. <i>Cancer Research</i> , 2011, 71, 6986-6996.	0.4	102
216	The Role of Tumor Stroma in Cancer Progression and Prognosis: Emphasis on Carcinoma-Associated Fibroblasts and Non-small Cell Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2011, 6, 209-217.	0.5	502
217	Dual effects of interleukin-18: inhibiting hepatitis B virus replication in HepG2.2.15 cells and promoting hepatoma cells metastasis. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, G565-G573.	1.6	35
218	Targeting the Warburg Effect That Arises in Tumor Cells Expressing Membrane Type-1 Matrix Metalloproteinase. <i>Journal of Biological Chemistry</i> , 2011, 286, 14691-14704.	1.6	68
219	Tumor-Associated Neutrophils: New Targets for Cancer Therapy. <i>Cancer Research</i> , 2011, 71, 2411-2416.	0.4	596
220	Mammary Gland Reprogramming: Metalloproteinases Couple Form with Function. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011, 3, a004333-a004333.	2.3	43
221	Countering chemo-induced metastasis. <i>Science-Business EXchange</i> , 2011, 4, 1226-1226.	0.0	0

#	ARTICLE	IF	CITATIONS
222	The Desmoplastic Stroma Plays an Essential Role in the Accumulation and Modulation of Infiltrated Immune Cells in Pancreatic Adenocarcinoma. <i>Clinical and Developmental Immunology</i> , 2011, 2011, 1-12.	3.3	80
223	Tumor Cell Invasion Is Promoted by Interstitial Flow-Induced Matrix Priming by Stromal Fibroblasts. <i>Cancer Research</i> , 2011, 71, 790-800.	0.4	151
224	Bioengineering Embryonic Stem Cell Microenvironments for the Study of Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2011, 12, 7662-7691.	1.8	9
225	Actinâ€™Towards a Deeper Understanding of the Relationship Between Tissue Context, Cellular Function and Tumorigenesis. <i>Cancers</i> , 2011, 3, 4269-4280.	1.7	8
226	Inflammatory Alterations of the Extracellular Matrix in the Tumor Microenvironment. <i>Cancers</i> , 2011, 3, 3189-3205.	1.7	55
227	Androgen regulation of epithelialâ€™mesenchymal transition in prostate tumorigenesis. <i>Expert Review of Endocrinology and Metabolism</i> , 2011, 6, 469-482.	1.2	44
228	Smad phosphoisoform signaling specificity: the right place at the right time. <i>Carcinogenesis</i> , 2011, 32, 1578-1588.	1.3	98
229	Cancer Stem Cells and Pediatric Solid Tumors. <i>Cancers</i> , 2011, 3, 298-318.	1.7	41
230	Tumor-Associated Macrophages as Incessant Builders and Destroyers of the Cancer Stroma. <i>Cancers</i> , 2011, 3, 3740-3761.	1.7	73
231	Recently Identified Biomarkers That Promote Lymph Node Metastasis in Head and Neck Squamous Cell Carcinoma. <i>Cancers</i> , 2011, 3, 747-772.	1.7	16
232	FOSL1 Is Integral to Establishing the Maternal-Fetal Interface. <i>Molecular and Cellular Biology</i> , 2011, 31, 4801-4813.	1.1	68
233	An â€™œelite hackerâ€™. <i>Cell Adhesion and Migration</i> , 2012, 6, 236-435.	1.1	34
234	Fetal Insulin and IGF-II Contribute to Gestational Diabetes Mellitus (GDM)-Associated Up-Regulation of Membrane-Type Matrix Metalloproteinase 1 (MT1-MMP) in the Human Feto-Placental Endothelium. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 3613-3621.	1.8	50
235	DJ-1 promotes invasion and metastasis of pancreatic cancer cells by activating SRC/ERK/uPA. <i>Carcinogenesis</i> , 2012, 33, 555-562.	1.3	82
236	Membrane Type-1 Matrix Metalloproteinase Expression in Acute Myeloid Leukemia and Its Upregulation by Tumor Necrosis Factor-Î±. <i>Cancers</i> , 2012, 4, 743-762.	1.7	5
237	The Behavior of Matrix Metalloproteinases and Their Inhibitors in Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2012, 13, 13240-13263.	1.8	122
238	Imaging Androgen Receptor Signaling with a Radiotracer Targeting Free Prostate-Specific Antigen. <i>Cancer Discovery</i> , 2012, 2, 320-327.	7.7	68
239	Filamin A controls matrix metalloprotease activity and regulates cell invasion in human fibrosarcoma cells.. <i>Journal of Cell Science</i> , 2012, 125, 3858-69.	1.2	33

#	ARTICLE	IF	CITATIONS
240	How fibrosis influences imaging and surgical decisions in pancreatic cancer. <i>Frontiers in Physiology</i> , 2012, 3, 389.	1.3	46
241	MT1-MMP regulates the PI3K-Mi-2/NuRD-dependent control of macrophage immune function. <i>Genes and Development</i> , 2012, 26, 395-413.	2.7	82
242	Overview of the Matrisome--An Inventory of Extracellular Matrix Constituents and Functions. <i>Cold Spring Harbor Perspectives in Biology</i> , 2012, 4, a004903-a004903.	2.3	942
243	Targeting collagen strands by photo-triggered triple-helix hybridization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14767-14772.	3.3	151
244	Epstein-Barr Virus Latent Membrane Protein 2A Promotes Invasion of Nasopharyngeal Carcinoma Cells through ERK/Fra-1-Mediated Induction of Matrix Metalloproteinase 9. <i>Journal of Virology</i> , 2012, 86, 6656-6667.	1.5	56
245	Class A Scavenger Receptor Deficiency Exacerbates Lung Tumorigenesis by Cultivating a Procarcinogenic Microenvironment in Humans and Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 186, 763-772.	2.5	23
246	Tetracyclines: Drugs with Huge Therapeutic Potential. <i>Mini-Reviews in Medicinal Chemistry</i> , 2012, 12, 44-52.	1.1	119
247	MMP-2 Selectivity in Hydroxamate-Type Inhibitors. <i>Current Medicinal Chemistry</i> , 2012, 19, 1036-1064.	1.2	31
248	Molecular Link Mechanisms between Inflammation and Cancer. <i>Current Pharmaceutical Design</i> , 2012, 18, 3831-3852.	0.9	344
249	The Impact of the Activated Stroma on Pancreatic Ductal Adenocarcinoma Biology and Therapy Resistance. <i>Current Molecular Medicine</i> , 2012, 12, 288-303.	0.6	71
250	Runx2 Isoform I Controls a Panel of Proinvasive Genes Driving Aggressiveness of Papillary Thyroid Carcinomas. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E2006-E2015.	1.8	43
251	Cancer Prevention with Promising Natural Products: Mechanisms of Action and Molecular Targets. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012, 12, 1159-1184.	0.9	136
252	Myeloid cells. <i>Oncolmmunology</i> , 2012, 1, 1360-1367.	2.1	13
253	NADPH Oxidase 1 Overexpression Enhances Invasion via Matrix Metalloproteinase-2 and Epithelial-Mesenchymal Transition in Melanoma Cells. <i>Journal of Investigative Dermatology</i> , 2012, 132, 2033-2041.	0.3	76
254	Angiogenic Activity of Hepatitis B and C Viruses. <i>Antiviral Chemistry and Chemotherapy</i> , 2012, 22, 159-170.	0.3	31
255	The Impact of Matrix Metalloproteinases and Their Tissue Inhibitors in Inflammatory Bowel Diseases. <i>Digestive Diseases</i> , 2012, 30, 289-295.	0.8	77
256	Tumor microenvironment and breast cancer progression. <i>Cancer Biology and Therapy</i> , 2012, 13, 14-24.	1.5	44
257	Activation of tumor cell proliferation by thyroid hormone in a mouse model of follicular thyroid carcinoma. <i>Oncogene</i> , 2012, 31, 2007-2016.	2.6	18

#	ARTICLE	IF	CITATIONS
258	Overexpression of ETV4 is oncogenic in prostate cells through promotion of both cell proliferation and epithelial to mesenchymal transition. <i>Oncogenesis</i> , 2012, 1, e20-e20.	2.1	54
259	A tumor-suppressing function in the epithelial adhesion protein Trask. <i>Oncogene</i> , 2012, 31, 419-431.	2.6	12
260	Association of <i>MMP3</i> -1171(5A>6A) Polymorphism with Lung Cancer in Lebanon. <i>Genetic Testing and Molecular Biomarkers</i> , 2012, 16, 988-990.	0.3	8
261	MT1-MMP protects breast carcinoma cells against type I collagen-induced apoptosis. <i>Oncogene</i> , 2012, 31, 480-493.	2.6	59
262	Suppression of Tumorigenicity-14, encoding matriptase, is a critical suppressor of colitis and colitis-associated colon carcinogenesis. <i>Oncogene</i> , 2012, 31, 3679-3695.	2.6	58
263	A 17-residue Sequence from the Matrix Metalloproteinase-9 (MMP-9) Hemopexin Domain Binds β 1 Integrin and Inhibits MMP-9-induced Functions in Chronic Lymphocytic Leukemia B Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 27601-27613.	1.6	30
264	Simple Pseudo-dipeptides with a P2 ⁺ Glutamate. <i>Journal of Biological Chemistry</i> , 2012, 287, 26647-26656.	1.6	35
265	Leukotriene B4 Receptor-2 Promotes Invasiveness and Metastasis of Ovarian Cancer Cells through Signal Transducer and Activator of Transcription 3 (STAT3)-dependent Up-regulation of Matrix Metalloproteinase 2. <i>Journal of Biological Chemistry</i> , 2012, 287, 13840-13849.	1.6	86
266	ETS-1 Protein Regulates Vascular Endothelial Growth Factor-induced Matrix Metalloproteinase-9 and Matrix Metalloproteinase-13 Expression in Human Ovarian Carcinoma Cell Line SKOV-3. <i>Journal of Biological Chemistry</i> , 2012, 287, 15001-15015.	1.6	93
267	Inhibition of Stathmin1 Accelerates the Metastatic Process. <i>Cancer Research</i> , 2012, 72, 5407-5417.	0.4	28
268	The Capicua repressor "a general sensor of RTK signaling in development and disease. <i>Journal of Cell Science</i> , 2012, 125, 1383-1391.	1.2	141
269	MicroRNA-125b Down-regulates Matrix Metalloproteinase 13 and Inhibits Cutaneous Squamous Cell Carcinoma Cell Proliferation, Migration, and Invasion. <i>Journal of Biological Chemistry</i> , 2012, 287, 29899-29908.	1.6	161
270	SMYD3 Promotes Cancer Invasion by Epigenetic Upregulation of the Metalloproteinase <i>MMP-9</i> . <i>Cancer Research</i> , 2012, 72, 810-820.	0.4	161
271	Inhibition of matrix metalloproteinase-2 by halofuginone is mediated by the Egr1 transcription factor. <i>Anti-Cancer Drugs</i> , 2012, 23, 1022-1031.	0.7	20
272	Expression of Reversion-Inducing Cysteine-Rich Protein with Kazal Motifs and Matrix Metalloproteinase 9 in Middle Ear Squamous Cell Carcinoma. <i>Orl</i> , 2012, 74, 16-21.	0.6	6
273	Kallikrein-related peptidases in prostate, breast, and ovarian cancers: from pathobiology to clinical relevance. <i>Biological Chemistry</i> , 2012, 393, 301-317.	1.2	79
274	Overexpression of the urokinase receptor splice variant uPAR-del4/5 in breast cancer cells affects cell adhesion and invasion in a dose-dependent manner and modulates transcription of tumor-associated genes. <i>Biological Chemistry</i> , 2012, 393, 1449-1455.	1.2	9
275	The split nature of tumor-infiltrating leukocytes. <i>Oncolmmunology</i> , 2012, 1, 717-725.	2.1	131

#	ARTICLE	IF	CITATIONS
276	Hematopoietic Stem Cell Mobilization and Homing after Transplantation: The Role of MMP-2, MMP-9, and MT1-MMP. <i>Biochemistry Research International</i> , 2012, 2012, 1-11.	1.5	33
277	Chlorotoxin Fused to IgG-Fc Inhibits Glioblastoma Cell Motility via Receptor-Mediated Endocytosis. <i>Journal of Drug Delivery</i> , 2012, 2012, 1-10.	2.5	17
278	Regulation of Matrix Metalloproteinase Genes by E2F Transcription Factors: Rb-Raf-1 Interaction as a Novel Target for Metastatic Disease. <i>Cancer Research</i> , 2012, 72, 516-526.	0.4	81
279	Cell surface engineering of renal cell carcinoma with glycosylphosphatidylinositol-anchored TIMP-1 blocks TGF- β 1 activation and reduces regulatory ID gene expression. <i>Biological Chemistry</i> , 2012, 393, 1463-1470.	1.2	10
280	Diabetic retinopathy and inflammation: Novel therapeutic targets. <i>Middle East African Journal of Ophthalmology</i> , 2012, 19, 52.	0.5	184
281	Regulation of the basement membrane by epithelia generated forces. <i>Physical Biology</i> , 2012, 9, 065003.	0.8	18
282	Tumor Cell-educated Periprostatic Adipose Tissue Acquires an Aggressive Cancer-promoting Secretory Profile. <i>Cellular Physiology and Biochemistry</i> , 2012, 29, 233-240.	1.1	66
283	The tumor microenvironment in hepatocellular carcinoma (Review). <i>International Journal of Oncology</i> , 2012, 40, 1733-47.	1.4	111
284	9 Kallikrein-related Peptidases within the Proteolytic Web. , 2012, , 251-270.		0
285	5-HT ₄ Receptor Stimulation Leads to Soluble A β Production Through MMP-9 Upregulation. <i>Journal of Alzheimer's Disease</i> , 2012, 32, 437-445.	1.2	18
286	Comparative Study of Transplantation of Hepatocytes at Various Differentiation Stages into Mice with Lethal Liver Damage. <i>Cell Transplantation</i> , 2012, 21, 2351-2362.	1.2	11
287	New and Paradoxical Roles of Matrix Metalloproteinases in the Tumor Microenvironment. <i>Frontiers in Pharmacology</i> , 2012, 3, 140.	1.6	88
288	Matrix metalloproteinase-2 governs lymphatic vessel formation as an interstitial collagenase. <i>Blood</i> , 2012, 119, 5048-5056.	0.6	86
289	Notch is active in Langerhans cell histiocytosis and confers pathognomonic features on dendritic cells. <i>Blood</i> , 2012, 120, 5199-5208.	0.6	81
290	Suppression of tunicamycin-induced CD44v6 ectodomain shedding and apoptosis is correlated with temporal expression patterns of active ADAM10, MMP-9 and MMP-13 proteins in Caki-2 renal carcinoma cells. <i>Oncology Reports</i> , 2012, 28, 1869-1874.	1.2	14
291	A New Class of Highly Potent Matrix Metalloproteinase Inhibitors Based on Triazole-Substituted Hydroxamates: (Radio)Synthesis and in Vitro and First in Vivo Evaluation. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 4714-4727.	2.9	43
292	PRSS3/Mesotrypsin Is a Therapeutic Target for Metastatic Prostate Cancer. <i>Molecular Cancer Research</i> , 2012, 10, 1555-1566.	1.5	47
293	mRNA profiling of the cancer degradome in oesophago-gastric adenocarcinoma. <i>British Journal of Cancer</i> , 2012, 107, 143-149.	2.9	17

#	ARTICLE	IF	CITATIONS
294	The Gelatinases and Their Inhibitors: The Structure-Activity Relationships. <i>Exs</i> , 2012, , 57-82.	1.4	3
295	Cucurbitacin E inhibits breast tumor metastasis by suppressing cell migration and invasion. <i>Breast Cancer Research and Treatment</i> , 2012, 135, 445-458.	1.1	95
296	An EMILIN1-Negative Microenvironment Promotes Tumor Cell Proliferation and Lymph Node Invasion. <i>Cancer Prevention Research</i> , 2012, 5, 1131-1143.	0.7	29
297	TWIST1 Is an ERK1/2 Effector That Promotes Invasion and Regulates MMP-1 Expression in Human Melanoma Cells. <i>Cancer Research</i> , 2012, 72, 6382-6392.	0.4	130
298	Involvement of the Syk-mTOR pathway in follicular lymphoma cell invasion and angiogenesis. <i>Leukemia</i> , 2012, 26, 795-805.	3.3	45
299	Inactivation of Rb in stromal fibroblasts promotes epithelial cell invasion. <i>EMBO Journal</i> , 2012, 31, 3092-3103.	3.5	28
300	Biological stimuli and biomolecules in the assembly and manipulation of nanoscale polymeric particles. <i>Chemical Science</i> , 2012, 3, 1363.	3.7	79
301	The timeline of metalloprotease events during oligofructose induced equine laminitis development. <i>Equine Veterinary Journal</i> , 2012, 44, 88-93.	0.9	44
302	Estrogen-induced Expression of Fos-related Antigen 1 (FRA-1) Regulates Uterine Stromal Differentiation and Remodeling. <i>Journal of Biological Chemistry</i> , 2012, 287, 19622-19630.	1.6	24
303	Concanavalin-A triggers inflammatory response through JAK/STAT3 signalling and modulates MT1-MMP regulation of COX-2 in mesenchymal stromal cells. <i>Experimental Cell Research</i> , 2012, 318, 2498-2506.	1.2	28
304	The effect of a novel frizzled 8-related antiproliferative factor on in vitro carcinoma and melanoma cell proliferation and invasion. <i>Investigational New Drugs</i> , 2012, 30, 1849-1864.	1.2	6
305	(+)-Episesamin exerts anti-neoplastic effects in human hepatocellular carcinoma cell lines via suppression of nuclear factor-kappa B and inhibition of MMP-9. <i>Investigational New Drugs</i> , 2012, 30, 2087-2095.	1.2	14
306	E11. The tumour microenvironment in breast cancer. <i>European Journal of Cancer</i> , 2012, 48, S24-S25.	1.3	0
307	Hedgehog signaling pathway mediates invasion and metastasis of hepatocellular carcinoma via ERK pathway. <i>Acta Pharmacologica Sinica</i> , 2012, 33, 691-700.	2.8	73
308	Expression of MMP-9 and WAVE3 in colorectal cancer and its relationship to clinicopathological features. <i>Journal of Cancer Research and Clinical Oncology</i> , 2012, 138, 2035-2044.	1.2	35
309	Elevated Epidermal Thymic Stromal Lymphopoietin Levels Establish an Antitumor Environment in the Skin. <i>Cancer Cell</i> , 2012, 22, 494-505.	7.7	107
310	TET1 Suppresses Cancer Invasion by Activating the Tissue Inhibitors of Metalloproteinases. <i>Cell Reports</i> , 2012, 2, 568-579.	2.9	244
311	Opposite roles of LPA1 and LPA3 on cell motile and invasive activities of pancreatic cancer cells. <i>Tumor Biology</i> , 2012, 33, 1739-1744.	0.8	29

#	ARTICLE	IF	CITATIONS
312	MMP1-1607 1G/2G polymorphism and lung cancer risk: a meta-analysis. <i>Tumor Biology</i> , 2012, 33, 2385-2392.	0.8	17
313	Expression analysis of zebrafish membrane type-2 matrix metalloproteinases during embryonic development. <i>Gene Expression Patterns</i> , 2012, 12, 254-260.	0.3	13
314	Enterolobium contortisiliquum Trypsin Inhibitor (EcTI), a Plant Proteinase Inhibitor, Decreases in Vitro Cell Adhesion and Invasion by Inhibition of Src Protein-Focal Adhesion Kinase (FAK) Signaling Pathways*. <i>Journal of Biological Chemistry</i> , 2012, 287, 170-182.	1.6	36
315	ADAMTS5. <i>American Journal of Pathology</i> , 2012, 181, 743-745.	1.9	8
316	Effects of Saikosaponin-D on syndecan-2, matrix metalloproteinases and tissue inhibitor of metalloproteinases-2 in rats with hepatocellular carcinoma. <i>Journal of Traditional Chinese Medicine = Chung I Tsa Chih Ying Wen Pan / Sponsored By All-China Association of Traditional Chinese Medicine, Academy of Traditional Chinese Medicine</i> , 2012, 32, 415-422.	0.4	15
317	Matrix metalloproteinases: Potential therapy to prevent the development of second malignancies after breast radiotherapy. <i>Surgical Oncology</i> , 2012, 21, e143-e151.	0.8	62
318	382 Upregulated FOXM1 Expression Induced by Hepatitis B Virus X Protein Promotes Tumor Metastasis and Indicates Poor Prognosis in Hepatitis B Virus-Related Hepatocellular Carcinoma. <i>Gastroenterology</i> , 2012, 142, S-913.	0.6	0
320	Fluorogenic enzyme-responsive micellar nanoparticles. <i>Chemical Science</i> , 2012, 3, 2690.	3.7	51
321	Enzyme-triggered model self-assembly in surfactant-cyclodextrin systems. <i>Chemical Communications</i> , 2012, 48, 7347.	2.2	66
322	TGF- β -induced activation of mTOR complex 2 drives epithelial-mesenchymal transition and cell invasion. <i>Journal of Cell Science</i> , 2012, 125, 1259-1273.	1.2	264
323	Epithelial Plasticity, Cancer Stem Cells, and the Tumor-Supportive Stroma in Bladder Carcinoma. <i>Molecular Cancer Research</i> , 2012, 10, 995-1009.	1.5	142
324	Tanshinones: Sources, Pharmacokinetics and Anti-Cancer Activities. <i>International Journal of Molecular Sciences</i> , 2012, 13, 13621-13666.	1.8	200
325	Interstitial Fluid and Lymph Formation and Transport: Physiological Regulation and Roles in Inflammation and Cancer. <i>Physiological Reviews</i> , 2012, 92, 1005-1060.	13.1	538
326	Inflamed tumor-associated adipose tissue is a depot for macrophages that stimulate tumor growth and angiogenesis. <i>Angiogenesis</i> , 2012, 15, 481-495.	3.7	77
327	The extracellular matrix: A dynamic niche in cancer progression. <i>Journal of Cell Biology</i> , 2012, 196, 395-406.	2.3	2,547
328	Matrix Metalloproteinase 9 (MMP-9)-dependent Processing of β ig-h3 Protein Regulates Cell Migration, Invasion, and Adhesion. <i>Journal of Biological Chemistry</i> , 2012, 287, 38957-38969.	1.6	56
329	Potential Anticancer Activity of Myricetin in Human T24 Bladder Cancer Cells Both In Vitro and In Vivo. <i>Nutrition and Cancer</i> , 2012, 64, 599-606.	0.9	113
330	Impact of novel oncolytic virus HF10 on cellular components of the tumor microenvironment in patients with recurrent breast cancer. <i>Cancer Gene Therapy</i> , 2012, 19, 229-237.	2.2	52

#	ARTICLE	IF	CITATIONS
331	Piceatannol Suppresses Breast Cancer Cell Invasion through the Inhibition of MMP-9: Involvement of PI3K/AKT and NF- κ B Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 4083-4089.	2.4	90
332	The regulation of cancer cell death and metabolism by extracellular matrix attachment. <i>Seminars in Cell and Developmental Biology</i> , 2012, 23, 402-411.	2.3	107
333	Microglial stress inducible protein 1 promotes proliferation and migration in human glioblastoma cells. <i>Neuroscience</i> , 2012, 200, 130-141.	1.1	76
334	Targeting and transport: How microtubules control focal adhesion dynamics. <i>Journal of Cell Biology</i> , 2012, 198, 481-489.	2.3	208
335	Serine Protease Inhibition by a Silanediol Peptidomimetic. <i>Organic Letters</i> , 2012, 14, 4422-4425.	2.4	48
336	Constitutive κ Ras G12D Activation of ERK2 Specifically Regulates 3D Invasion of Human Pancreatic Cancer Cells via MMP-1. <i>Molecular Cancer Research</i> , 2012, 10, 183-196.	1.5	38
337	Chemical Biology for Understanding Matrix Metalloproteinase Function. <i>ChemBioChem</i> , 2012, 13, 2002-2020.	1.3	46
338	The history of matrix metalloproteinases: milestones, myths, and misperceptions. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 303, H919-H930.	1.5	134
339	The Role of Inflammation and Proteinases in Tumor Progression. <i>Digestive Diseases</i> , 2012, 30, 249-254.	0.8	28
340	Synthetic Oleanane Triterpenoids: Multifunctional Drugs with a Broad Range of Applications for Prevention and Treatment of Chronic Disease. <i>Pharmacological Reviews</i> , 2012, 64, 972-1003.	7.1	344
341	Controlling escape from angiogenesis inhibitors. <i>Nature Reviews Cancer</i> , 2012, 12, 699-709.	12.8	236
342	Upregulated FoxM1 expression induced by hepatitis B virus X protein promotes tumor metastasis and indicates poor prognosis in hepatitis B virus-related hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2012, 57, 600-612.	1.8	131
343	Human matrix metalloproteinases: An ubiquitous class of enzymes involved in several pathological processes. <i>Molecular Aspects of Medicine</i> , 2012, 33, 119-208.	2.7	194
344	Differential macrophage programming in the tumor microenvironment. <i>Trends in Immunology</i> , 2012, 33, 119-126.	2.9	721
345	Constitutively active lysophosphatidic acid receptor-1 enhances the induction of matrix metalloproteinase-2. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 790-793.	1.0	24
346	Dipeptidyl peptidase-IV inhibits glioma cell growth independent of its enzymatic activity. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 738-747.	1.2	34
347	MMP9: A novel function in synaptic plasticity. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 709-713.	1.2	103
348	Matrix metalloproteinase 2 of grass carp <i>Ctenopharyngodon idella</i> (CiMMP2) is involved in the immune response against bacterial infection. <i>Fish and Shellfish Immunology</i> , 2012, 33, 251-257.	1.6	19

#	ARTICLE	IF	CITATIONS
349	Using genetically engineered mouse models to validate candidate cancer genes and test new therapeutic approaches. <i>Current Opinion in Genetics and Development</i> , 2012, 22, 21-27.	1.5	24
350	Snail promotes an invasive phenotype in lung carcinoma. <i>Respiratory Research</i> , 2012, 13, 104.	1.4	41
351	Strain variation in response to lung ischemia: role of MMP-12. <i>Respiratory Research</i> , 2012, 13, 93.	1.4	3
352	Vaccinia virus-mediated intra-tumoral expression of matrix metalloproteinase 9 enhances oncolysis of PC-3 xenograft tumors. <i>BMC Cancer</i> , 2012, 12, 366.	1.1	32
353	Downregulation of Cyclophilin A by siRNA diminishes non-small cell lung cancer cell growth and metastasis via the regulation of matrix metalloproteinase 9. <i>BMC Cancer</i> , 2012, 12, 442.	1.1	29
354	PRAF3 induces apoptosis and inhibits migration and invasion in human esophageal squamous cell carcinoma. <i>BMC Cancer</i> , 2012, 12, 97.	1.1	20
355	Involvement of CD11b integrin in the alteration of metabolic factors after phorbol ester stimulation of human myeloid leukemia cells. <i>Cell Communication and Signaling</i> , 2012, 10, 13.	2.7	3
356	Testin is a tumor suppressor and prognostic marker in breast cancer. <i>Cancer Science</i> , 2012, 103, 2092-2101.	1.7	35
357	Nuclear localization of Matrix metalloproteinases. <i>Progress in Histochemistry and Cytochemistry</i> , 2012, 47, 27-58.	5.1	117
358	HPV16 Oncoproteins Induce MMPs/RECK-TIMP-2 Imbalance in Primary Keratinocytes: Possible Implications in Cervical Carcinogenesis. <i>PLoS ONE</i> , 2012, 7, e33585.	1.1	49
359	Role of Ion Channels and Transporters in Cell Migration. <i>Physiological Reviews</i> , 2012, 92, 1865-1913.	13.1	350
360	Matrix metalloproteinases in vascular physiology and disease. <i>Vascular</i> , 2012, 20, 210-216.	0.4	140
361	Biochemical role of the collagen-rich tumour microenvironment in pancreatic cancer progression. <i>Biochemical Journal</i> , 2012, 441, 541-552.	1.7	168
362	Brief Report: Mechanism of Extravasation of Infused Stem Cells. <i>Stem Cells</i> , 2012, 30, 2835-2842.	1.4	27
363	Overexpression of Romo1 Promotes Production of Reactive Oxygen Species and Invasiveness of Hepatic Tumor Cells. <i>Gastroenterology</i> , 2012, 143, 1084-1094.e7.	0.6	67
364	Celastrol inhibits interleukin-17A-stimulated rheumatoid fibroblast-like synoviocyte migration and invasion through suppression of NF- κ B-mediated matrix metalloproteinase-9 expression. <i>International Immunopharmacology</i> , 2012, 14, 422-431.	1.7	34
365	Large Oncosomes in Human Prostate Cancer Tissues and in the Circulation of Mice with Metastatic Disease. <i>American Journal of Pathology</i> , 2012, 181, 1573-1584.	1.9	321
366	Pathological roles of invadopodia in cancer invasion and metastasis. <i>European Journal of Cell Biology</i> , 2012, 91, 902-907.	1.6	111

#	ARTICLE	IF	CITATIONS
367	The role of the insulin-like growth factor-I receptor in malignancy: An update. <i>Growth Hormone and IGF Research</i> , 2012, 22, 193-199.	0.5	60
368	Increased expression of CYP4Z1 promotes tumor angiogenesis and growth in human breast cancer. <i>Toxicology and Applied Pharmacology</i> , 2012, 264, 73-83.	1.3	66
369	Matrix metalloproteinases, tissue inhibitors of metalloproteinases, and growth factors regulate the aggressiveness and proliferative activity of keratocystic odontogenic tumors. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2012, 114, 487-496.	0.2	21
370	Angiotensin receptor 1 blocker valsartan normalizes gene expression profiles of 3T3-L1 adipocytes altered by co-culture with LPS-treated RAW264.7 macrophages. <i>Obesity Research and Clinical Practice</i> , 2012, 6, e288-e297.	0.8	2
371	Overexpression of matrix metalloproteinase-7 and -9 in NSCLC tumor and stromal cells: Correlation with a favorable clinical outcome. <i>Lung Cancer</i> , 2012, 75, 235-241.	0.9	25
372	Relaxin induces matrix-metalloproteinases-9 and -13 via RXFP1: Induction of MMP-9 involves the PI3K, ERK, Akt and PKC- ζ pathways. <i>Molecular and Cellular Endocrinology</i> , 2012, 363, 46-61.	1.6	62
373	TGF- β 2-induced epithelial-mesenchymal transition: A link between cancer and inflammation. <i>Seminars in Cancer Biology</i> , 2012, 22, 455-461.	4.3	186
374	Hypoxia Negatively Regulates Antimetastatic PEDF in Melanoma Cells by a Hypoxia Inducible Factor-Independent, Autophagy Dependent Mechanism. <i>PLoS ONE</i> , 2012, 7, e32989.	1.1	27
375	Cellular Functions of Tissue Transglutaminase. <i>International Review of Cell and Molecular Biology</i> , 2012, 294, 1-97.	1.6	200
376	The role of stroma in pancreatic cancer: diagnostic and therapeutic implications. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2012, 9, 454-467.	8.2	535
377	Understanding the Dynamics of Tumor Angiogenesis: A Systems Biology Approach. , 2012, , 197-227.		2
378	When versatility matters: activins/inhibins as key regulators of immunity. <i>Immunology and Cell Biology</i> , 2012, 90, 137-148.	1.0	73
379	Role of Integrins in Regulating Proteases to Mediate Extracellular Matrix Remodeling. <i>Cancer Microenvironment</i> , 2012, 5, 275-283.	3.1	54
380	Cancer Microenvironment and Cancer Vaccine. <i>Cancer Microenvironment</i> , 2012, 5, 333-344.	3.1	18
381	Multifaceted Tumor Stromal Fibroblasts. <i>Cancer Microenvironment</i> , 2012, 5, 187-193.	3.1	12
382	Dynamic Education of Macrophages in Different Areas of Human Tumors. <i>Cancer Microenvironment</i> , 2012, 5, 195-201.	3.1	36
383	The IGR-CaP1 Xenograft Model Recapitulates Mixed Osteolytic/Blastic Bone Lesions Observed in Metastatic Prostate Cancer. <i>Neoplasia</i> , 2012, 14, 376-IN1.	2.3	29
384	The Significance of MMP-9 Over MMP-2 in HCC Invasiveness and Recurrence of Hepatocellular Carcinoma After Curative Resection. <i>Annals of Surgical Oncology</i> , 2012, 19, 375-384.	0.7	83

#	ARTICLE	IF	CITATIONS
386	Matrix metalloproteinase-9 expression correlates with prognosis and involved in ovarian cancer cell invasion. Archives of Gynecology and Obstetrics, 2012, 286, 1537-1543.	0.8	103
387	Quantitative Protease Cleavage Site Profiling using Tandem-Mass-Tag Labeling and LC-MALDI-TOF/TOF MS/MS Analysis. Journal of Proteome Research, 2012, 11, 1812-1820.	1.8	28
388	Piwil2 modulates the proliferation and metastasis of colon cancer via regulation of matrix metalloproteinase 9 transcriptional activity. Experimental Biology and Medicine, 2012, 237, 1231-1240.	1.1	51
389	Matrix metalloproteinase-9 expression in mammary gland tumors in dogs and its relationship with prognostic factors and patient outcome. American Journal of Veterinary Research, 2012, 73, 689-697.	0.3	15
390	MSC and Tumors: Homing, Differentiation, and Secretion Influence Therapeutic Potential. Advances in Biochemical Engineering/Biotechnology, 2012, 130, 209-266.	0.6	44
391	TGF- β 2 Signaling, Activated Stromal Fibroblasts, and Cysteine Cathepsins B and L Drive the Invasive Growth of Human Melanoma Cells. American Journal of Pathology, 2012, 181, 2202-2216.	1.9	65
392	Changes in the expression of MMP2, MMP9, and ColIV in stromal cells in oral squamous tongue cell carcinoma: relationships and prognostic implications. Journal of Experimental and Clinical Cancer Research, 2012, 31, 90.	3.5	75
393	Conversion of Stationary to Invasive Tumor Initiating Cells (TICs): Role of Hypoxia in Membrane Type 1-Matrix Metalloproteinase (MT1-MMP) Trafficking. PLoS ONE, 2012, 7, e38403.	1.1	17
394	Fibroblast EXT1-Levels Influence Tumor Cell Proliferation and Migration in Composite Spheroids. PLoS ONE, 2012, 7, e41334.	1.1	21
395	Overexpression of CD157 Contributes to Epithelial Ovarian Cancer Progression by Promoting Mesenchymal Differentiation. PLoS ONE, 2012, 7, e43649.	1.1	22
396	PEGylation Extends Circulation Half-Life While Preserving In Vitro and In Vivo Activity of Tissue Inhibitor of Metalloproteinases-1 (TIMP-1). PLoS ONE, 2012, 7, e50028.	1.1	39
397	The Molecular Biology of Brain Metastasis. Journal of Oncology, 2012, 2012, 1-16.	0.6	44
398	Proline metabolism and cancer. Frontiers in Bioscience - Landmark, 2012, 17, 1835.	3.0	90
399	The Role of Immuno-Inflammatory Response in the Pathogenesis of Chronic Periodontitis and Development of Chair-Side Point of Care Diagnostics. , 0, , .		7
400	Integrin Control of Tumor Invasion. Critical Reviews in Eukaryotic Gene Expression, 2012, 22, 309-324.	0.4	41
401	Pharmacomodulation of Broad Spectrum Matrix Metalloproteinase Inhibitors Towards Regulation of Gelatinases. , 2012, , .		1
402	4.7 Rock, paper, and molecular scissors: regulating the game of extracellular matrix homeostasis, remodeling, and inflammation. , 2012, , 377-400.		0
403	8.8 Heparanase, a multifaceted protein involved in cancer, chronic inflammation, and kidney dysfunction. , 0, , .		1

#	ARTICLE	IF	CITATIONS
404	7.1 Introduction. , 0, , .		0
405	1.1 Extracellular matrix: a functional scaffold. , 2012, , 3-20.		12
406	Gelatinase-stimuli strategy enhances the tumor delivery and therapeutic efficacy of docetaxel-loaded poly(ethylene glycol)-poly(ϵ -caprolactone) nanoparticles. <i>International Journal of Nanomedicine</i> , 2012, 7, 281.	3.3	38
407	Myocardial Structure and Matrix Metalloproteinases. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 1113-1131.	1.0	3
408	Downregulation of S100A4 expression by RNA interference suppresses cell growth and invasion in human colorectal cancer cells. <i>Oncology Reports</i> , 2012, 27, 917-922.	1.2	49
409	Altered angiogenesis gene expression in gastrointestinal stromal tumors: potential use in diagnosis, outcome prediction, and treatment. <i>Neoplasia</i> , 2012, 59, 384-392.	0.7	6
410	Mass spectrometry-based proteomics strategies for protease cleavage site identification. <i>Proteomics</i> , 2012, 12, 516-529.	1.3	35
411	Functional protease profiling for diagnosis of malignant disease. <i>Proteomics - Clinical Applications</i> , 2012, 6, 60-78.	0.8	33
412	Rai is a New Regulator of Neural Progenitor Migration and Glioblastoma Invasion. <i>Stem Cells</i> , 2012, 30, 817-832.	1.4	32
413	Matrix metalloproteinase-9, -10, and -12, MDM2 and p53 expression in mouse liver during dimethylnitrosamine-induced oxidative stress and genomic injury. <i>Molecular and Cellular Biochemistry</i> , 2012, 365, 351-361.	1.4	16
414	Melatonin inhibits IL1 β -induced MMP9 expression and activity in human umbilical vein endothelial cells by suppressing NF- κ B activation. <i>Journal of Endocrinology</i> , 2012, 214, 145-153.	1.2	68
415	Matrix Metalloproteinase-10 (MMP-10) Interaction with Tissue Inhibitors of Metalloproteinases TIMP-1 and TIMP-2. <i>Journal of Biological Chemistry</i> , 2012, 287, 15935-15946.	1.6	88
416	Right-side and left-side colon cancer follow different pathways to relapse. <i>Molecular Carcinogenesis</i> , 2012, 51, 411-421.	1.3	54
417	The diagnostic and research applications of flow cytometry in cytopathology. <i>Diagnostic Cytopathology</i> , 2012, 40, 525-535.	0.5	10
418	A multiplicity of anti-invasive effects of farnesyl transferase inhibitor SCH66336 in human head and neck cancer. <i>International Journal of Cancer</i> , 2012, 131, 537-547.	2.3	11
419	Urokinase plasminogen activator receptor on invasive cancer cells: A prognostic factor in distal gastric adenocarcinoma. <i>International Journal of Cancer</i> , 2012, 131, E329-36.	2.3	41
420	Serum MMP-8 levels increase in colorectal cancer and correlate with disease course and inflammatory properties of primary tumors. <i>International Journal of Cancer</i> , 2012, 131, E463-74.	2.3	55
421	Plasma hydroxyproline, MMP-7 and collagen I as novel predictive risk markers of hepatobiliary disease-associated cholangiocarcinoma. <i>International Journal of Cancer</i> , 2012, 131, E416-24.	2.3	21

#	ARTICLE	IF	CITATIONS
422	Dual wavelength tumor targeting for detection of hypopharyngeal cancer using near-infrared optical imaging in an animal model. <i>International Journal of Cancer</i> , 2012, 131, 1633-1640.	2.3	22
423	The proteolytic activity of MT4-MMP is required for its pro-angiogenic and pro-metastatic promoting effects. <i>International Journal of Cancer</i> , 2012, 131, 1537-1548.	2.3	24
424	Signal Transducer and Activator of Transcription 3 (STAT3) Protein Suppresses Adenoma-to-carcinoma Transition in Apc/+ Mice via Regulation of Snail-1 (SNAIL) Protein Stability. <i>Journal of Biological Chemistry</i> , 2012, 287, 18182-18189.	1.6	62
426	Real-time Quantitative Monitoring of Specific Peptide Cleavage by a Proteinase for Cancer Diagnosis. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5837-5841.	7.2	28
427	Interleukin-1 β mediates metalloproteinase-dependent renal cell carcinoma tumor cell invasion through the activation of CCAAT enhancer binding protein 1. <i>Cancer Medicine</i> , 2012, 1, 17-27.	1.3	42
428	Cancer-associated fibroblasts from human NSCLC survive ablative doses of radiation but their invasive capacity is reduced. <i>Radiation Oncology</i> , 2012, 7, 59.	1.2	69
429	Recurrent deletion of CHD1 in prostate cancer with relevance to cell invasiveness. <i>Oncogene</i> , 2012, 31, 4164-4170.	2.6	97
430	The hallmarks of cancer. <i>RNA Biology</i> , 2012, 9, 703-719.	1.5	1,627
431	Potential molecular targets for inhibiting bone invasion by oral squamous cell carcinoma: a review of mechanisms. <i>Cancer and Metastasis Reviews</i> , 2012, 31, 209-219.	2.7	62
432	Suppressive effects of electrochemically reduced water on matrix metalloproteinase-2 activities and in vitro invasion of human fibrosarcoma HT1080 cells. <i>Cytotechnology</i> , 2012, 64, 357-371.	0.7	13
433	Imaging the Impact of Nox4 in Cycling Hypoxia-mediated U87 Glioblastoma Invasion and Infiltration. <i>Molecular Imaging and Biology</i> , 2012, 14, 489-499.	1.3	34
434	Zoledronic acid inhibits proliferation and impairs migration and invasion through downregulating VEGF and MMPs expression in human nasopharyngeal carcinoma cells. <i>Medical Oncology</i> , 2012, 29, 714-720.	1.2	28
435	Significance of Heparanase in Cancer and Inflammation. <i>Cancer Microenvironment</i> , 2012, 5, 115-132.	3.1	203
436	Adipocytes Promote B16BL6 Melanoma Cell Invasion and the Epithelial-to-Mesenchymal Transition. <i>Cancer Microenvironment</i> , 2012, 5, 73-82.	3.1	63
437	Design, characterization, and evaluation of peptide arrays allowing the direct monitoring of MMP activities. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 185-194.	1.9	5
438	Prostate cancer, tumor immunity and a renewed sense of optimism in immunotherapy. <i>Cancer Immunology, Immunotherapy</i> , 2012, 61, 453-468.	2.0	22
439	Sevoflurane inhibits invasion and migration of lung cancer cells by inactivating the p38 MAPK signaling pathway. <i>Journal of Anesthesia</i> , 2012, 26, 381-392.	0.7	77
440	Aluminum ammonium sulfate dodecahydrate purified from traditional Chinese medicinal herb Korean monkshood root is a potent matrix metalloproteinase inhibitor. <i>BioMetals</i> , 2012, 25, 541-551.	1.8	7

#	ARTICLE	IF	CITATIONS
441	Matrix metalloprotease 16 expression is downregulated by <i>microRNA-146a</i> in spontaneously differentiating Caco-2 cells. <i>Development Growth and Differentiation</i> , 2012, 54, 216-226.	0.6	18
442	Immunology in the clinic review series; focus on cancer: tumour-associated macrophages: undisputed stars of the inflammatory tumour microenvironment. <i>Clinical and Experimental Immunology</i> , 2012, 167, 195-205.	1.1	333
443	Prognostic significance of matrix metalloproteinase-2, -8, -9, and -13 in oral tongue cancer. <i>Journal of Oral Pathology and Medicine</i> , 2012, 41, 394-399.	1.4	47
444	Melatonin suppresses migration and invasion via inhibition of oxidative stress pathway in glioma cells. <i>Journal of Pineal Research</i> , 2012, 53, 180-187.	3.4	56
445	Accessories to the Crime: Functions of Cells Recruited to the Tumor Microenvironment. <i>Cancer Cell</i> , 2012, 21, 309-322.	7.7	3,578
446	Redox signaling at invasive microdomains in cancer cells. <i>Free Radical Biology and Medicine</i> , 2012, 52, 247-256.	1.3	33
447	Manganese superoxide dismutase induces migration and invasion of tongue squamous cell carcinoma via H ₂ O ₂ -dependent Snail signaling. <i>Free Radical Biology and Medicine</i> , 2012, 53, 44-50.	1.3	66
448	Single-Molecule Tracking of Collagenase on Native Type I Collagen Fibrils Reveals Degradation Mechanism. <i>Current Biology</i> , 2012, 22, 1047-1056.	1.8	85
449	New facets of matrix metalloproteinases MMP-2 and MMP-9 as cell surface transducers: Outside-in signaling and relationship to tumor progression. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2012, 1825, 29-36.	3.3	328
450	Lost in disruption: Role of proteases in glioma invasion and progression. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2012, 1825, 178-185.	3.3	47
451	The impact of adhesion peptides within hydrogels on the phenotype and signaling of normal and cancerous mammary epithelial cells. <i>Biomaterials</i> , 2012, 33, 3548-3559.	5.7	48
452	Glial cell line-derived neurotrophic factor promotes invasive behaviour in testicular seminoma cells. <i>Journal of Developmental and Physical Disabilities</i> , 2012, 35, 758-768.	3.6	16
453	Imbalance of MMP-2 and MMP-9 expression versus TIMP-1 and TIMP-2 reflects increased invasiveness of human testicular germ cell tumours. <i>Journal of Developmental and Physical Disabilities</i> , 2012, 35, 835-844.	3.6	19
454	Melanoma-derived conditioned media efficiently induce the differentiation of monocytes to macrophages that display a highly invasive gene signature. <i>Pigment Cell and Melanoma Research</i> , 2012, 25, 493-505.	1.5	57
455	Building the niche: The role of the S100 proteins in metastatic growth. <i>Seminars in Cancer Biology</i> , 2012, 22, 216-225.	4.3	125
456	Metastatic disease: A drug discovery perspective. <i>Seminars in Cancer Biology</i> , 2012, 22, 261-271.	4.3	7
457	Preclinical evaluation of destruxin B as a novel Wnt signaling target suppressing proliferation and metastasis of colorectal cancer using non-invasive bioluminescence imaging. <i>Toxicology and Applied Pharmacology</i> , 2012, 261, 31-41.	1.3	28
458	Orally active lysophosphatidic acid receptor antagonist attenuates pancreatic cancer invasion and metastasis <i>in vivo</i> . <i>Cancer Science</i> , 2012, 103, 1099-1104.	1.7	41

#	ARTICLE	IF	CITATIONS
459	Low-grade gliomas as neurodevelopmental disorders: insights from mouse models of neurofibromatosis. <i>Neuropathology and Applied Neurobiology</i> , 2012, 38, 241-253.	1.8	4
460	Overexpression of matrix metalloproteinase 10 is associated with poor survival in patients with early stage of esophageal squamous cell carcinoma. <i>Ecological Management and Restoration</i> , 2012, 25, 656-663.	0.2	22
461	Altered CXCR3 isoform expression regulates prostate cancer cell migration and invasion. <i>Molecular Cancer</i> , 2012, 11, 3.	7.9	113
462	NHE1 mediates migration and invasion of HeLa cells via regulating the expression and localization of MT1-MMP. <i>Cell Biochemistry and Function</i> , 2012, 30, 41-46.	1.4	25
463	Stromal cell-derived factor-1/CXC receptor 4 and α 21 integrin interaction regulates urokinase-type plasminogen activator expression in human colorectal cancer cells. <i>Journal of Cellular Physiology</i> , 2012, 227, 1114-1122.	2.0	35
464	New functions of the fibrinolytic system in bone marrow cell-derived angiogenesis. <i>International Journal of Hematology</i> , 2012, 95, 131-137.	0.7	18
465	Concomitantly elevated serum matrix metalloproteinases 3 and 9 can predict survival of synchronous squamous cell carcinoma of the upper aerodigestive tract. <i>Molecular Carcinogenesis</i> , 2013, 52, 438-445.	1.3	15
466	Restoration of caveolin-1 expression suppresses growth, membrane-type-4 metalloproteinase expression and metastasis-associated activities in colon cancer cells. <i>Molecular Carcinogenesis</i> , 2013, 52, 859-870.	1.3	28
467	Basigin-2 is the predominant basigin isoform that promotes tumor cell migration and invasion and correlates with poor prognosis in epithelial ovarian cancer. <i>Journal of Translational Medicine</i> , 2013, 11, 92.	1.8	19
468	The microtubule stabilizer paclitaxel counteracts ionizing radiation-induced matrix metalloproteinase activity and tumor cell invasion. <i>Radiation Oncology</i> , 2013, 8, 105.	1.2	10
469	Expression of quiescin sulfhydryl oxidase 1 is associated with a highly invasive phenotype and correlates with a poor prognosis in Luminal B breast cancer. <i>Breast Cancer Research</i> , 2013, 15, R28.	2.2	47
470	Ataxia-telangiectasia group D complementing gene (ATDC) upregulates matrix metalloproteinase 9 (MMP-9) to promote lung cancer cell invasion by activating ERK and JNK pathways. <i>Tumor Biology</i> , 2013, 34, 2835-2842.	0.8	32
471	Matrix metalloproteinases in cancer: their value as diagnostic and prognostic markers and therapeutic targets. <i>Tumor Biology</i> , 2013, 34, 2041-2051.	0.8	305
472	Matrix metalloproteinase 9 expression and prognosis in colorectal cancer: a meta-analysis. <i>Tumor Biology</i> , 2013, 34, 735-741.	0.8	29
473	A Starring Role for Stellate Cells in the Pancreatic Cancer Microenvironment. <i>Gastroenterology</i> , 2013, 144, 1210-1219.	0.6	372
474	Stromal cell-derived factor-1 (SDF-1) enhances cells invasion by α 6 integrin-mediated signaling in ovarian cancer. <i>Molecular and Cellular Biochemistry</i> , 2013, 380, 177-184.	1.4	35
475	Knockdown of MACC1 expression suppressed hepatocellular carcinoma cell migration and invasion and inhibited expression of MMP2 and MMP9. <i>Molecular and Cellular Biochemistry</i> , 2013, 376, 21-32.	1.4	67
476	A Role for Matrix Metalloproteinases in Regulating Mammary Stem Cell Function via the Wnt Signaling Pathway. <i>Cell Stem Cell</i> , 2013, 13, 300-313.	5.2	123

#	ARTICLE	IF	CITATIONS
477	Tissue inhibitor of metalloproteinase 1 (TIMP-1) as a biomarker in gastric cancer: a review. <i>Scandinavian Journal of Gastroenterology</i> , 2013, 48, 899-905.	0.6	55
478	Epigenetically induced changes in nuclear textural patterns and gelatinase expression in human fibrosarcoma cells. <i>Cell Proliferation</i> , 2013, 46, 127-136.	2.4	12
479	Alpha-amino silanes via metalated imines as an approach to the synthesis of silanediol protease inhibitors. <i>Tetrahedron</i> , 2013, 69, 7779-7784.	1.0	3
480	Effects of legumain as a potential prognostic factor on gastric cancers. <i>Medical Oncology</i> , 2013, 30, 621.	1.2	60
481	Immunocytochemical and biochemical detection of the urokinase-type plasminogen activator receptor (uPAR) in the rat tooth germ and in lipid rafts of PMA-stimulated dental epithelial cells. <i>Histochemistry and Cell Biology</i> , 2013, 140, 649-658.	0.8	3
482	Expression of MMP-1, MMP-9 and TIMP-2 in prostate carcinoma and their influence on prognosis and survival. <i>Journal of Cancer Research and Clinical Oncology</i> , 2013, 139, 1373-1382.	1.2	44
483	Microarray analyses reveal liver metastasis-related genes in metastatic colorectal cancer cell model. <i>Journal of Cancer Research and Clinical Oncology</i> , 2013, 139, 1169-1178.	1.2	11
484	Prostate specific membrane antigen produces pro-angiogenic laminin peptides downstream of matrix metalloprotease-2. <i>Angiogenesis</i> , 2013, 16, 847-860.	3.7	37
485	Knockdown of Inhibitor of Growth Protein 2 Inhibits Cell Invasion and Enhances Chemosensitivity to 5-FU in Human Gastric Cancer Cells. <i>Digestive Diseases and Sciences</i> , 2013, 58, 3189-3197.	1.1	8
486	Inverse 1,2,3-Triazole-1-yl-ethyl Substituted Hydroxamates as Highly Potent Matrix Metalloproteinase Inhibitors: (Radio)synthesis, in Vitro and First in Vivo Evaluation. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 6858-6870.	2.9	34
487	Review: Molecular mechanism of microglia stimulated glioblastoma invasion. <i>Matrix Biology</i> , 2013, 32, 372-380.	1.5	85
488	Secretory/releasing proteome-based identification of plasma biomarkers in HBV-associated hepatocellular carcinoma. <i>Science China Life Sciences</i> , 2013, 56, 638-646.	2.3	28
489	Protease-activated quantum dot probes based on fluorescence resonance energy transfer. <i>Science Bulletin</i> , 2013, 58, 2657-2662.	1.7	3
490	The effects of combined treatment with sevoflurane and cisplatin on growth and invasion of human adenocarcinoma cell line A549. <i>Biomedicine and Pharmacotherapy</i> , 2013, 67, 503-509.	2.5	20
491	Therapeutic nanomedicine based on dual-intelligent functionalized gold nanoparticles for cancer imaging and therapy in vivo. <i>Biomaterials</i> , 2013, 34, 8798-8807.	5.7	118
492	Anti-metastatic and anti-angiogenic activities of sulfated polysaccharide of <i>Sepiella maindroni</i> ink. <i>Carbohydrate Polymers</i> , 2013, 91, 403-409.	5.1	46
493	ADAM 10 is over expressed in oral squamous cell carcinoma and contributes to invasive behaviour through a functional association with $\alpha 6$ integrin. <i>FEBS Letters</i> , 2013, 587, 3529-3534.	1.3	31
494	Cell and Molecular Biology of Breast Cancer. , 2013, , .		10

#	ARTICLE	IF	CITATIONS
495	Tumor metastasis: moving new biological insights into the clinic. <i>Nature Medicine</i> , 2013, 19, 1450-1464.	15.2	685
496	Selective Cox-2 inhibitor celecoxib induces epithelial-mesenchymal transition in human lung cancer cells via activating MEK-ERK signaling. <i>Carcinogenesis</i> , 2013, 34, 638-646.	1.3	70
497	Origins of Metastatic Traits. <i>Cancer Cell</i> , 2013, 24, 410-421.	7.7	457
498	Inflammatory and microenvironmental factors involved in breast cancer progression. <i>Archives of Pharmacal Research</i> , 2013, 36, 1419-1431.	2.7	78
499	Enzyme-Directed Assembly of Nanoparticles in Tumors Monitored by <i>in Vivo</i> Whole Animal Imaging and <i>ex Vivo</i> Super-Resolution Fluorescence Imaging. <i>Journal of the American Chemical Society</i> , 2013, 135, 18710-18713.	6.6	104
500	Mesenchymal Stem Cells - Basics and Clinical Application II. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2013, , .	0.6	2
501	Proteases: Structure and Function. , 2013, , .		31
502	Derlin-1 Is Overexpressed in Non-Small Cell Lung Cancer and Promotes Cancer Cell Invasion via EGFR-ERK Mediated Up-Regulation of MMP-2 and MMP-9. <i>American Journal of Pathology</i> , 2013, 182, 954-964.	1.9	112
503	High NUAK1 expression correlates with poor prognosis and involved in NSCLC cells migration and invasion. <i>Experimental Lung Research</i> , 2013, 39, 9-17.	0.5	43
504	Identification of GPR65, a novel regulator of matrix metalloproteinases using high through-put screening. <i>Biochemical and Biophysical Research Communications</i> , 2013, 436, 96-103.	1.0	11
505	MYC, FBXW7 and TP53 copy number variation and expression in Gastric Cancer. <i>BMC Gastroenterology</i> , 2013, 13, 141.	0.8	80
506	The long non-coding RNA HOTAIR indicates a poor prognosis and promotes metastasis in non-small cell lung cancer. <i>BMC Cancer</i> , 2013, 13, 464.	1.1	351
507	RABEX-5 plays an oncogenic role in breast cancer by activating MMP-9 pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2013, 32, 52.	3.5	16
508	Correlation between B7-H3 expression and matrix metalloproteinases 2 expression in pancreatic cancer. <i>Cancer Cell International</i> , 2013, 13, 81.	1.8	26
509	Alpha-mangostin suppresses MMP-2 and MMP-9 expression in head and neck squamous carcinoma cells. <i>Odontology / the Society of the Nippon Dental University</i> , 2013, 101, 227-232.	0.9	19
510	Transforming growth factor- β 21 treatment of oral cancer induces epithelial-mesenchymal transition and promotes bone invasion via enhanced activity of osteoclasts. <i>Clinical and Experimental Metastasis</i> , 2013, 30, 659-670.	1.7	51
511	Expression and prognostic relevance of Cyclophilin A and matrix metalloproteinase 9 in esophageal squamous cell carcinoma. <i>Diagnostic Pathology</i> , 2013, 8, 207.	0.9	18
512	TPX2 is a novel prognostic marker for the growth and metastasis of colon cancer. <i>Journal of Translational Medicine</i> , 2013, 11, 313.	1.8	81

#	ARTICLE	IF	CITATIONS
513	Association of cellular and molecular responses in the rat mammary gland to 17 β -estradiol with susceptibility to mammary cancer. <i>BMC Cancer</i> , 2013, 13, 573.	1.1	19
514	Extracellular matrix specific protein fingerprints measured in serum can separate pancreatic cancer patients from healthy controls. <i>BMC Cancer</i> , 2013, 13, 554.	1.1	51
515	Signaling inputs to invadopodia and podosomes. <i>Journal of Cell Science</i> , 2013, 126, 2979-89.	1.2	145
516	Biology of brain metastases and novel targeted therapies: Time to translate the research. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2013, 1835, 61-75.	3.3	37
517	Immune Escape. , 2013, , 149-164.		1
518	Non-destructive and Selective Imaging of the Functionally Active, Pro-invasive Membrane Type-1 Matrix Metalloproteinase (MT1-MMP) Enzyme in Cancer Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 20568-20580.	1.6	14
519	Up-regulation of tissue inhibitor of metalloproteinase-2 promotes SHI-1 cell invasion in nude mice. <i>Leukemia and Lymphoma</i> , 2013, 54, 2707-2711.	0.6	4
520	Ultrasensitive dual-channel detection of matrix metalloproteinase-2 in human serum using gold-quantum dot core-satellite nanoprobes. <i>Chemical Communications</i> , 2013, 49, 7881.	2.2	26
521	Polymerization of a peptide-based enzyme substrate. <i>Chemical Communications</i> , 2013, 49, 2873.	2.2	32
522	Current advances in the management of gestational trophoblastic disease. <i>Gynecologic Oncology</i> , 2013, 128, 3-5.	0.6	88
523	Cancer stem cells niche: A target for novel cancer therapeutics. <i>Cancer Treatment Reviews</i> , 2013, 39, 290-296.	3.4	70
524	Cellular Mechanisms of Tissue Fibrosis. 2. Contributory pathways leading to myocardial fibrosis: moving beyond collagen expression. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 304, C393-C402.	2.1	88
525	Discoidin domain receptor 2 regulates neutrophil chemotaxis in 3D collagen matrices. <i>Blood</i> , 2013, 121, 1644-1650.	0.6	60
526	Protein arginine methyltransferases and cancer. <i>Nature Reviews Cancer</i> , 2013, 13, 37-50.	12.8	880
527	Targeting the Tumor Microenvironment for Cancer Therapy. <i>Clinical Chemistry</i> , 2013, 59, 85-93.	1.5	280
528	NGAL Controls the Metastatic Potential of Anaplastic Thyroid Carcinoma Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 228-235.	1.8	42
529	Microenvironment and tumor progression of melanoma: New therapeutic prospectives. <i>Journal of Immunotoxicology</i> , 2013, 10, 235-252.	0.9	37
530	Membrane-Associated Matrix Proteolysis and Heart Failure. <i>Circulation Research</i> , 2013, 112, 195-208.	2.0	140

#	ARTICLE	IF	CITATIONS
531	Amprenavir inhibits the migration in human hepatocarcinoma cell and the growth of xenografts. <i>Journal of Cellular Physiology</i> , 2013, 228, 640-645.	2.0	17
532	Chloride intracellular channel 4 involves in the reduced invasiveness of cancer cells treated by photodynamic therapy. <i>Lasers in Surgery and Medicine</i> , 2013, 45, 38-47.	1.1	22
533	TIS21/BTG2/PC3 inhibits interleukin-6 expression via downregulation of STAT3 pathway. <i>Cellular Signalling</i> , 2013, 25, 2391-2399.	1.7	10
534	Extracellular matrix determinants and the regulation of cancer cell invasion stratagems. <i>Journal of Microscopy</i> , 2013, 251, 250-260.	0.8	81
535	Engineered Protease-resistant Antibodies with Selectable Cell-killing Functions. <i>Journal of Biological Chemistry</i> , 2013, 288, 30843-30854.	1.6	33
536	Targeting tumor-infiltrating macrophages to combat cancer. <i>Immunotherapy</i> , 2013, 5, 1075-1087.	1.0	135
537	The acquisition of malignant potential in colon cancer is regulated by the stabilization of Atonal homolog 1 protein. <i>Biochemical and Biophysical Research Communications</i> , 2013, 432, 175-181.	1.0	19
538	A small molecule approach to engineering vascularized tissue. <i>Biomaterials</i> , 2013, 34, 3053-3063.	5.7	31
539	Toluquinol, a marine fungus metabolite, is a new angiosuppressor that interferes the Akt pathway. <i>Biochemical Pharmacology</i> , 2013, 85, 1727-1740.	2.0	31
540	ROS-major mediators of extracellular matrix remodeling during tumor progression. <i>Food and Chemical Toxicology</i> , 2013, 61, 178-186.	1.8	62
541	Gold nanoparticles based molecular beacons for in vitro and in vivo detection of the matriptase expression on tumor. <i>Biosensors and Bioelectronics</i> , 2013, 49, 216-221.	5.3	36
542	Potential of radiotherapy by a localized antiangiogenic gene therapy. <i>Radiotherapy and Oncology</i> , 2013, 107, 252-258.	0.3	13
543	Smad phospho-isoforms direct context-dependent TGF- β^2 signaling. <i>Cytokine and Growth Factor Reviews</i> , 2013, 24, 385-399.	3.2	105
545	Multifunctional Envelope-Type Mesoporous Silica Nanoparticles for Tumor-Triggered Targeting Drug Delivery. <i>Journal of the American Chemical Society</i> , 2013, 135, 5068-5073.	6.6	480
546	Matricellular proteins: priming the tumour microenvironment for cancer development and metastasis. <i>British Journal of Cancer</i> , 2013, 108, 755-761.	2.9	139
547	Suppression of UV-Induced Wrinkle Formation by Induction of HSP70 Expression in Mice. <i>Journal of Investigative Dermatology</i> , 2013, 133, 919-928.	0.3	26
548	Contribution of cells undergoing epithelial \rightarrow mesenchymal transition to the tumour microenvironment. <i>Journal of Proteomics</i> , 2013, 78, 545-557.	1.2	41
549	Discovery and Optimization of 3-(2-(Pyrazolo[1,5- <i>a</i>]pyrimidin-6-yl)ethynyl)benzamides as Novel Selective and Orally Bioavailable Discoidin Domain Receptor 1 (DDR1) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 3281-3295.	2.9	128

#	ARTICLE	IF	CITATIONS
550	Stromal fibroblasts in the microenvironment of gastric carcinomas promote tumor metastasis via upregulating TAGLN expression. <i>BMC Cell Biology</i> , 2013, 14, 17.	3.0	51
551	The secreted <i>AdamTS-A</i> metalloprotease is required for collective cell migration. <i>Development (Cambridge)</i> , 2013, 140, 1981-1993.	1.2	54
552	Targeting tumor cell motility as a strategy against invasion and metastasis. <i>Trends in Pharmacological Sciences</i> , 2013, 34, 283-289.	4.0	171
553	A crucial role for Lyn in TIMP-1 erythroid cell survival signalling pathway. <i>FEBS Letters</i> , 2013, 587, 1524-1528.	1.3	10
554	Integrins and metastasis. <i>Cell Adhesion and Migration</i> , 2013, 7, 251-261.	1.1	160
555	Molecular Determinants of a Selective Matrix Metalloprotease-12 Inhibitor: Insights from Crystallography and Thermodynamic Studies. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 1149-1159.	2.9	37
556	Biochemistry and molecular biology of gelatinase B or matrix metalloproteinase-9 (MMP-9): The next decade. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2013, 48, 222-272.	2.3	622
557	Galectin-3 Accelerates M2 Macrophage Infiltration and Angiogenesis in Tumors. <i>American Journal of Pathology</i> , 2013, 182, 1821-1831.	1.9	87
558	Macrophage biology in development, homeostasis and disease. <i>Nature</i> , 2013, 496, 445-455.	13.7	3,541
559	The metastasis-promoting roles of tumor-associated immune cells. <i>Journal of Molecular Medicine</i> , 2013, 91, 411-429.	1.7	305
560	PDGF-BB-induced MT1-MMP expression regulates proliferation and invasion of mesenchymal stem cells in 3-dimensional collagen via MEK/ERK1/2 and PI3K/AKT signaling. <i>Cellular Signalling</i> , 2013, 25, 1279-1287.	1.7	42
561	Inducible graphene oxide probe for high-specific tumor diagnosis. <i>Chemical Communications</i> , 2013, 49, 3902.	2.2	26
562	Ecological photodynamic therapy: New trend to disrupt the intricate networks within tumor ecosystem. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2013, 1835, 86-99.	3.3	14
563	Positive and negative influence of the matrix architecture on antitumor immune surveillance. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 4431-4448.	2.4	83
564	Role of MMP-2 in the regulation of IL-6/Stat3 survival signaling via interaction with $\alpha 5 \beta 1$ integrin in glioma. <i>Oncogene</i> , 2013, 32, 327-340.	2.6	103
565	Signaling Pathways Regulating Endothelial Cell-Cell Junctions as a Barrier to Tumor Cell Metastasis. <i>Cancer Metastasis - Biology and Treatment</i> , 2013, , 275-289.	0.1	0
566	Using Functional Nanomaterials to Target and Regulate the Tumor Microenvironment: Diagnostic and Therapeutic Applications. <i>Advanced Materials</i> , 2013, 25, 3508-3525.	11.1	154
567	Neuronal differentiation on anisotropic substrates and the influence of nanotopographical noise on neurite contact guidance. <i>Biomaterials</i> , 2013, 34, 6027-6036.	5.7	60

#	ARTICLE	IF	CITATIONS
569	Maslinic acid inhibits the metastatic capacity of DU145 human prostate cancer cells: possible mediation via hypoxia-inducible factor-1 α signalling. <i>British Journal of Nutrition</i> , 2013, 109, 210-222.	1.2	38
570	Membrane-type matrix metalloproteinases: key mediators of leukocyte function. <i>Journal of Leukocyte Biology</i> , 2013, 94, 237-246.	1.5	39
571	Transglutaminases: key regulators of cancer metastasis. <i>Amino Acids</i> , 2013, 44, 25-32.	1.2	36
572	Enzyme-Directed Assembly of a Nanoparticle Probe in Tumor Tissue. <i>Advanced Materials</i> , 2013, 25, 3599-3604.	11.1	78
573	Proteolytic factors in exosomes. <i>Proteomics</i> , 2013, 13, 1624-1636.	1.3	79
574	Roles of Ion Transport in Control of Cell Motility. , 2013, 3, 59-119.		32
575	Coupling Protein Engineering with Probe Design To Inhibit and Image Matrix Metalloproteinases with Controlled Specificity. <i>Journal of the American Chemical Society</i> , 2013, 135, 9139-9148.	6.6	35
576	Noninvasive Monitoring of Pulmonary Fibrosis by Targeting Matrix Metalloproteinases (MMPs). <i>Molecular Pharmaceutics</i> , 2013, 10, 2237-2247.	2.3	28
577	Expression of matrix metalloproteinases and their inhibitors in the woodchuck model of hepatocellular carcinoma. <i>Journal of Medical Virology</i> , 2013, 85, 1127-1138.	2.5	11
578	Mesenchymal stem cell signaling in cancer progression. <i>Cancer Treatment Reviews</i> , 2013, 39, 180-188.	3.4	89
579	Age-Related Macular Degeneration Revisited – Piecing the Puzzle: The LXIX Edward Jackson Memorial Lecture. <i>American Journal of Ophthalmology</i> , 2013, 155, 1-35.e13.	1.7	233
580	Maxillofacial Metastases: A Retrospective Review of One Institution's 15-Year Experience. <i>Journal of Oral and Maxillofacial Surgery</i> , 2013, 71, 178-188.	0.5	45
581	Breaking away: matrix remodeling from the leading edge. <i>Trends in Cell Biology</i> , 2013, 23, 16-21.	3.6	63
582	Chronic Exposure of Renal Stem Cells to Inorganic Arsenic Induces a Cancer Phenotype. <i>Chemical Research in Toxicology</i> , 2013, 26, 96-105.	1.7	43
583	Caught in the act: revealing the metastatic process by live imaging. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 580-593.	1.2	55
584	Inhibition of angiogenesis and invasion by DMBT is mediated by downregulation of VEGF and MMP-9 through Akt pathway in MDA-MB-231 breast cancer cells. <i>Food and Chemical Toxicology</i> , 2013, 56, 204-213.	1.8	34
585	Matrix metalloproteinase-2 as a target for head and neck cancer therapy. <i>Expert Opinion on Therapeutic Targets</i> , 2013, 17, 203-216.	1.5	76
586	Inhibiting Effects of a Cyclic Peptide CNGRC on Proliferation and Migration of Tumor Cells In Vitro. <i>International Journal of Peptide Research and Therapeutics</i> , 2013, 19, 163-173.	0.9	3

#	ARTICLE	IF	CITATIONS
587	Anti-angiogenic properties of carnosol and carnosic acid, two major dietary compounds from rosemary. <i>European Journal of Nutrition</i> , 2013, 52, 85-95.	1.8	84
588	Downregulation of CD147 expression by RNA interference inhibits HT29 cell proliferation, invasion and tumorigenicity in vitro and in vivo. <i>International Journal of Oncology</i> , 2013, 43, 1885-1894.	1.4	20
589	MicroRNA 203 Modulates Glioma Cell Migration via Robo1/ERK/MMP-9 Signaling. <i>Genes and Cancer</i> , 2013, 4, 285-296.	0.6	56
590	Matrix metalloproteinases: a dual role in breast cancer?. <i>Breast Cancer Management</i> , 2013, 2, 353-356.	0.2	1
591	Olfactomedin-1 activity identifies a cell invasion checkpoint during epithelial-mesenchymal transition in the embryonic heart. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 632-42.	1.2	19
592	Faslodex Inhibits Estradiol-Induced Extracellular Matrix Dynamics and Lung Metastasis in a Model of Lymphangioleiomyomatosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 135-142.	1.4	35
593	Enhancement of Human Cancer Cell Motility and Invasiveness by Anaphylatoxin C5a via Aberrantly Expressed C5a Receptor (CD88). <i>Clinical Cancer Research</i> , 2013, 19, 2004-2013.	3.2	78
594	Blocking the Proliferation of Human Tumor Cell Lines by Peptidase Inhibitors from Bauhinia Seeds. <i>Planta Medica</i> , 2013, 79, 227-235.	0.7	12
595	Strategies to Increase Drug Penetration in Solid Tumors. <i>Frontiers in Oncology</i> , 2013, 3, 193.	1.3	129
596	Mathematical Modeling of Cancer Invasion: The Role of Membrane-Bound Matrix Metalloproteinases. <i>Frontiers in Oncology</i> , 2013, 3, 70.	1.3	36
597	The Need for Integrative Computational Oncology: An Illustrated Example through MMP-Mediated Tissue Degradation. <i>Frontiers in Oncology</i> , 2013, 3, 194.	1.3	9
598	LRP-1: A Checkpoint for the Extracellular Matrix Proteolysis. <i>BioMed Research International</i> , 2013, 2013, 1-7.	0.9	92
599	Suppressions of Migration and Invasion by Cantharidin in TSGH-8301 Human Bladder Carcinoma Cells through the Inhibitions of Matrix Metalloproteinase-2/-9 Signaling. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-8.	0.5	17
600	The Roles of Hyaluronan/RHAMM/CD44 and Their Respective Interactions along the Insidious Pathways of Fibrosarcoma Progression. <i>BioMed Research International</i> , 2013, 2013, 1-12.	0.9	52
601	Stromal-epithelial Crosstalk Provides a Suitable Microenvironment for the Progression of Ovarian Cancer Cells in Vitro. <i>Cancer Investigation</i> , 2013, 31, 616-624.	0.6	7
602	Morphological instabilities of stratified epithelia: a mechanical instability in tumour formation. <i>New Journal of Physics</i> , 2013, 15, 065011.	1.2	17
603	The HER2- and Heregulin β 1 (HRG) β 1 Inducible TNFR Superfamily Member Fn14 Promotes HRC-Driven Breast Cancer Cell Migration, Invasion, and MMP9 Expression. <i>Molecular Cancer Research</i> , 2013, 11, 393-404.	1.5	39
604	The pan-Aurora kinase inhibitor, PHA-739358, induces apoptosis and inhibits migration in melanoma cell lines. <i>Melanoma Research</i> , 2013, 23, 102-113.	0.6	20

#	ARTICLE	IF	CITATIONS
605	M2-like macrophages are responsible for collagen degradation through a mannose receptor-mediated pathway. <i>Journal of Cell Biology</i> , 2013, 202, 951-966.	2.3	269
606	Molecular sensing for biomarkers of invasive cancer cells using localized surface plasmon resonance. , 2013, , .		1
607	Localized surface plasmon resonance based nanobiosensor for biomarker detection of invasive cancer cells. <i>Journal of Biomedical Optics</i> , 2013, 19, 051202.	1.4	27
608	Matrix Metalloproteinase 8 (Collagenase 2) Induces the Expression of Interleukins 6 and 8 in Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 16282-16294.	1.6	52
609	Antagonistic regulation of F-BAR protein assemblies controls actin polymerization during podosome formation. <i>Journal of Cell Science</i> , 2013, 126, 2267-78.	1.2	30
610	Overexpression of Asparagine Synthetase and Matrix Metalloproteinase 19 Confers Cisplatin Sensitivity in Nasopharyngeal Carcinoma Cells. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 2157-2166.	1.9	43
611	Novel roles of liver sinusoidal endothelial cell lectin in colon carcinoma cell adhesion, migration and in-vivo metastasis to the liver. <i>Gut</i> , 2013, 62, 1169-1178.	6.1	51
612	Protective effects of matrix metalloproteinase-12 following corneal injury. <i>Journal of Cell Science</i> , 2013, 126, 3948-60.	1.2	44
613	Matrix metalloproteinase-9 deficiency phenocopies features of preeclampsia and intrauterine growth restriction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11109-11114.	3.3	142
614	14-3-3 Proteins Modulate the ETS Transcription Factor ETV1 in Prostate Cancer. <i>Cancer Research</i> , 2013, 73, 5110-5119.	0.4	33
615	Snail Cooperates with KrasG12D to Promote Pancreatic Fibrosis. <i>Molecular Cancer Research</i> , 2013, 11, 1078-1087.	1.5	46
616	Selective Blockade of Matrix Metalloprotease-14 with a Monoclonal Antibody Abrogates Invasion, Angiogenesis, and Tumor Growth in Ovarian Cancer. <i>Cancer Research</i> , 2013, 73, 2457-2467.	0.4	52
617	Epilysin (Matrix Metalloproteinase-28) Joins the Matrix Metalloproteinase Team on the Field of Postmyocardial Infarction Remodeling. <i>Circulation Research</i> , 2013, 112, 579-582.	2.0	6
618	Recent Trends in Multifunctional Liposomal Nanocarriers for Enhanced Tumor Targeting. <i>Journal of Drug Delivery</i> , 2013, 2013, 1-32.	2.5	183
619	Correlation between telomerase activity and matrix metalloproteinases 2 expression in gastric cancer. <i>Cancer Biomarkers</i> , 2013, 13, 21-28.	0.8	23
620	The Use of Porous Scaffold as a Tumor Model. <i>International Journal of Biomaterials</i> , 2013, 2013, 1-9.	1.1	35
621	Function of Ezrin-Radixin-Moesin Proteins in Migration of Subventricular Zone-Derived Neuroblasts Following Traumatic Brain Injury. <i>Stem Cells</i> , 2013, 31, 1696-1705.	1.4	14
622	Procyanidins from Evening Primrose (<i>Oenothera paradoxa</i>) Defatted Seeds Inhibit Invasiveness of Breast Cancer Cells and Modulate the Expression of Selected Genes Involved in Angiogenesis, Metastasis, and Apoptosis. <i>Nutrition and Cancer</i> , 2013, 65, 1219-1231.	0.9	33

#	ARTICLE	IF	CITATIONS
623	microRNA-mediated regulation of the tumor microenvironment. <i>Cell Cycle</i> , 2013, 12, 3262-3271.	1.3	117
624	<sc>NF</sc>â€<sc>BP</sc>65 promotes invasion and metastasis of oesophageal squamous cell cancer by regulating matrix metalloproteinaseâ€ and epithelialâ€mesenchymal transition. <i>Cell Biology International</i> , 2013, 37, 780-788.	1.4	30
625	Evidence for a role of matrix metalloproteinases and their inhibitors in primordial germ cell migration. <i>Andrology</i> , 2013, 1, 779-786.	1.9	15
626	Fisetin Inhibits Matrix Metalloproteinases and Reduces Tumor Cell Invasiveness and Endothelial Cell Tube Formation. <i>Nutrition and Cancer</i> , 2013, 65, 1192-1199.	0.9	26
627	<sc><i>53BP1</i></sc> is a novel regulator of angiogenesis in breast cancer. <i>Cancer Science</i> , 2013, 104, 1420-1426.	1.7	11
628	Development of a periplasmic FRET screening method for protease inhibitory antibodies. <i>Biotechnology and Bioengineering</i> , 2013, 110, 2856-2864.	1.7	9
629	SUMO-specific protease 1 promotes prostate cancer progression and metastasis. <i>Oncogene</i> , 2013, 32, 2493-2498.	2.6	115
630	Proteomic analysis reveals a proteolytic feedback loop in murine seminal fluid. <i>Prostate</i> , 2013, 73, 1427-1440.	1.2	11
631	Matrix Metalloproteinase Mmp-1a Is Dispensable for Normal Growth and Fertility in Mice and Promotes Lung Cancer Progression by Modulating Inflammatory Responses. <i>Journal of Biological Chemistry</i> , 2013, 288, 14647-14656.	1.6	44
632	cAMP-response Element-binding Protein (CREB) and NF-â€B Transcription Factors Are Activated during Prolonged Hypoxia and Cooperatively Regulate the Induction of Matrix Metalloproteinase MMP1. <i>Journal of Biological Chemistry</i> , 2013, 288, 22584-22595.	1.6	56
633	Matrix Metalloproteinase-1-mediated Up-regulation of Vascular Endothelial Growth Factor-2 in Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 598-607.	1.6	59
634	The natural compound magnolol inhibits invasion and exhibits potential in human breast cancer therapy. <i>Scientific Reports</i> , 2013, 3, 3098.	1.6	88
635	Immune Cells as a Source and Target of Angiogenic and Lymphangiogenic Factors. <i>Chemical Immunology and Allergy</i> , 2014, 99, 15-36.	1.7	33
636	BRCC2 inhibits breast cancer cell growth and metastasis in vitro and in vivo via downregulating AKT pathway. <i>Cell Death and Disease</i> , 2013, 4, e757-e757.	2.7	19
637	Regulation of DCIS to invasive breast cancer progression by Single-minded-2s (SIM2s). <i>Oncogene</i> , 2013, 32, 2631-2639.	2.6	27
638	<i>Ocimum gratissimum</i> retards breast cancer growth and progression and is a natural inhibitor of matrix metalloproteases. <i>Cancer Biology and Therapy</i> , 2013, 14, 417-427.	1.5	34
639	miR-153 Supports Colorectal Cancer Progression via Pleiotropic Effects That Enhance Invasion and Chemotherapeutic Resistance. <i>Cancer Research</i> , 2013, 73, 6435-6447.	0.4	132
640	Tight Junctions in Cancer Metastasis. <i>Cancer Metastasis - Biology and Treatment</i> , 2013, , .	0.1	3

#	ARTICLE	IF	CITATIONS
641	Nanomedicine Treatment Strategies That Exploit Unique Characteristics of Tumor Vasculature and Microenvironment. , 2013, , 175-186.		0
642	Proliferin-related protein overexpression in SGC-7901 gastric cancer cells inhibits in vitro cell growth and tumorigenesis in nude mice. <i>Oncology Reports</i> , 2013, 29, 2243-2248.	1.2	4
643	Small antibody fusion proteins with complementarity-determining regions and lidamycin for tumor targeting therapy. <i>Oncology Letters</i> , 2013, 5, 1183-1188.	0.8	2
644	Decoy™ and non-decoy™ functions of DcR3 promote malignant potential in human malignant fibrous histiocytoma cells. <i>International Journal of Oncology</i> , 2013, 43, 703-712.	1.4	14
645	Epigenetics Meets the Tumor Microenvironment. <i>Medical Epigenetics</i> , 2013, 1, 31-36.	262.3	6
646	Combination of SLC administration and Tregs depletion is an attractive strategy for targeting hepatocellular carcinoma. <i>Molecular Cancer</i> , 2013, 12, 153.	7.9	18
647	Bufalin prevents the migration and invasion of T24 bladder carcinoma cells through the inactivation of matrix metalloproteinases and modulation of tight junctions. <i>International Journal of Oncology</i> , 2013, 42, 277-286.	1.4	35
648	Role of Matrix Metalloproteinases in Migration and Neurotrophic Properties of Nasal Olfactory Stem and Ensheathing Cells. <i>Cell Transplantation</i> , 2013, 22, 993-1010.	1.2	41
649	Tanshinone VI Inhibits the Expression of Intercellular Adhesion Molecule-1 and Vascular Cell Adhesion Molecule-1. <i>International Journal of Immunopathology and Pharmacology</i> , 2013, 26, 977-982.	1.0	4
650	Mechanistic Insights into the Antileukemic Activity of Hyperforin. <i>Current Cancer Drug Targets</i> , 2013, 13, 1-10.	0.8	29
651	Scutellarin inhibits the growth and invasion of human tongue squamous carcinoma through the inhibition of matrix metalloproteinase-2 and -9 and $\alpha_6\beta_4$ integrin. <i>International Journal of Oncology</i> , 2013, 42, 1674-1681.	1.4	46
652	Inhibition of MMP-9 using a pyrrole-imidazole polyamide reduces cell invasion in renal cell carcinoma. <i>International Journal of Oncology</i> , 2013, 43, 1441-1446.	1.4	25
653	New Insights into Individualized Antimetastatic Therapy. <i>Advanced Techniques in Biology & Medicine</i> , 2013, 1, .	0.1	9
654	ADAM and ADAMTS family proteins and their role in the colorectal cancer etiopathogenesis. <i>BMB Reports</i> , 2013, 46, 139-150.	1.1	39
655	Connective Tissues of the Subendothelium. , 2013, , 43-69.		1
656	Progress in Molecular Imaging in Endoscopy and Endomicroscopy for Cancer Imaging. <i>Journal of Healthcare Engineering</i> , 2013, 4, 1-22.	1.1	14
657	Induction and transport of Wnt 5a during macrophage-induced malignant invasion is mediated by two types of extracellular vesicles. <i>Oncotarget</i> , 2013, 4, 2057-2066.	0.8	100
658	TGF- β -Elicited Induction of Tissue Inhibitor of Metalloproteinases (TIMP)-3 Expression in Fibroblasts Involves Complex Interplay between Smad3, p38 β , and ERK1/2. <i>PLoS ONE</i> , 2013, 8, e57474.	1.1	55

#	ARTICLE	IF	CITATIONS
659	The Phosphoinositide-Binding Protein ZF21 Regulates ECM Degradation by Invadopodia. PLoS ONE, 2013, 8, e50825.	1.1	10
660	Quantitative FRET Imaging to Visualize the Invasiveness of Live Breast Cancer Cells. PLoS ONE, 2013, 8, e58569.	1.1	31
661	Potential of Scutellarin on Human Tongue Carcinoma Xenograft by Low-Intensity Ultrasound. PLoS ONE, 2013, 8, e59473.	1.1	38
662	The Bacterial Protein Azurin Impairs Invasion and FAK/Src Signaling in P-Cadherin-Overexpressing Breast Cancer Cell Models. PLoS ONE, 2013, 8, e69023.	1.1	30
663	Clinical Significance of sIL-2R Levels in B-Cell Lymphomas. PLoS ONE, 2013, 8, e78730.	1.1	45
664	Alterations in Gene Expression of Proprotein Convertases in Human Lung Cancer Have a Limited Number of Scenarios. PLoS ONE, 2013, 8, e55752.	1.1	32
665	Dendritic Cell-Targeted Approaches to Modulate Immune Dysfunction in the Tumor Microenvironment. Frontiers in Immunology, 2013, 4, 436.	2.2	21
666	Low-concentration capsaicin promotes colorectal cancer metastasis by triggering ROS production and modulating Akt/mTOR and STAT-3 pathways. Neoplasma, 2013, 60, 364-372.	0.7	90
667	Chemokines and Chemokine Receptors as Promoters of Prostate Cancer Growth and Progression. Critical Reviews in Eukaryotic Gene Expression, 2013, 23, 77-91.	0.4	64
668	Cancer Metastasis Treatments. Current Drug Therapy, 2013, 8, 24-29.	0.2	25
669	MMP-2 and MMP-9 Expression in Canine Cutaneous Melanocytic Tumours: Evidence of a Relationship with Tumoural Malignancy. , 2013, , .		7
670	Protein Transmission, Seeding and Degradation: Key Steps for α -Synuclein Prion-Like Propagation. Experimental Neurobiology, 2014, 23, 324-336.	0.7	45
671	MMP-9 as a potential biomarker for carcinoma of oral cavity: a study in eastern India. Neoplasma, 2014, 61, 747-757.	0.7	18
672	LFG-500 Inhibits the Invasion of Cancer Cells via Down-Regulation of PI3K/AKT/NF- κ B Signaling Pathway. PLoS ONE, 2014, 9, e91332.	1.1	27
673	A Meta Analysis of Pancreatic Microarray Datasets Yields New Targets as Cancer Genes and Biomarkers. PLoS ONE, 2014, 9, e93046.	1.1	60
674	The Diacylglycerol Kinase α /Atypical PKC/ β 1 Integrin Pathway in SDF-1 α Mammary Carcinoma Invasiveness. PLoS ONE, 2014, 9, e97144.	1.1	31
675	Long Term Effect of Curcumin in Regulation of Glycolytic Pathway and Angiogenesis via Modulation of Stress Activated Genes in Prevention of Cancer. PLoS ONE, 2014, 9, e99583.	1.1	42
676	Tumor Bioengineering Using a Transglutaminase Crosslinked Hydrogel. PLoS ONE, 2014, 9, e105616.	1.1	32

#	ARTICLE	IF	CITATIONS
677	Proteolytic Activity of Prostate-Specific Antigen (PSA) towards Protein Substrates and Effect of Peptides Stimulating PSA Activity. <i>PLoS ONE</i> , 2014, 9, e107819.	1.1	28
678	Mammary Fat of Breast Cancer: Gene Expression Profiling and Functional Characterization. <i>PLoS ONE</i> , 2014, 9, e109742.	1.1	38
679	Transforming Growth Factor-Beta and Matrix Metalloproteinases: Functional Interactions in Tumor Stroma-Infiltrating Myeloid Cells. <i>Scientific World Journal, The</i> , 2014, 2014, 1-14.	0.8	136
680	Prognostic values of ETS-1, MMP-2 and MMP-9 expression and co-expression in breast cancer patients. <i>Neoplasma</i> , 2014, 61, 439-447.	0.7	37
681	Evaluation of a Triple-Helical Peptide with Quenched Fluorophores for Optical Imaging of MMP-2 and MMP-9 Proteolytic Activity. <i>Molecules</i> , 2014, 19, 8571-8588.	1.7	11
682	The Role of Tumor-Associated Macrophages on Serum Soluble IL-2R Levels in B-Cell Lymphomas. <i>Journal of Clinical and Experimental Hematopathology: JCEH</i> , 2014, 54, 49-57.	0.3	20
683	The retinoblastoma protein: a master tumor suppressor acts as a link between cell cycle and cell adhesion. <i>Cell Health and Cytoskeleton</i> , 2014, 7, 1.	0.7	16
684	The Effect of Imiquimod on Matrix Metalloproteinases and Tissue Inhibitors of Metalloproteinases in Malignant Melanoma Cell Invasion. <i>Annals of Dermatology</i> , 2014, 26, 363.	0.3	10
685	Collagen Triple Helix Repeat Containing 1 (CTHRC1) acts via ERK-dependent induction of MMP9 to promote invasion of colorectal cancer cells. <i>Oncotarget</i> , 2014, 5, 519-529.	0.8	68
686	Tumor cell-produced matrix metalloproteinase 9 (MMP-9) drives malignant progression and metastasis of basal-like triple negative breast cancer. <i>Oncotarget</i> , 2014, 5, 2736-2749.	0.8	290
687	Identification of Niclosamide as a New Lead Compound to Suppress the Metastasis of Prostate Cancer Cells. , 2014, 4, .		0
688	What is the Role of Soluble Cytokine Receptors in Adult T-cell Leukemia/ Lymphoma?. <i>Journal of Hematology & Thromboembolic Diseases</i> , 2014, 02, .	0.1	6
689	Ablation of EIF5A2 induces tumor vasculature remodeling and improves tumor response to chemotherapy via regulation of matrix metalloproteinase 2 expression. <i>Oncotarget</i> , 2014, 5, 6716-6733.	0.8	22
690	Impact of proteolytic enzymes in colorectal cancer development and progression. <i>World Journal of Gastroenterology</i> , 2014, 20, 13246.	1.4	41
691	Influence of Polyphenol Extract from Evening Primrose (<i>Oenothera Paradoxa</i>) Seeds on Proliferation of Caco-2 Cells and on Expression, Synthesis and Activity of Matrix Metalloproteinases and Their Inhibitors. <i>Polish Journal of Food and Nutrition Sciences</i> , 2014, 64, 181-191.	0.6	9
693	Circulating levels of GDF15, MMP7 and miR-200c as a poor prognostic signature in gastric cancer. <i>Future Oncology</i> , 2014, 10, 1187-1202.	1.1	37
694	EGFR Activation and Signaling in Cancer Cells Are Enhanced by the Membrane-Bound Metalloprotease MT4-MMP. <i>Cancer Research</i> , 2014, 74, 6758-6770.	0.4	33
695	Matrix Metalloproteinase-19 Promotes Metastatic Behavior <i>In Vitro</i> and Is Associated with Increased Mortality in Non-Small Cell Lung Cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 780-790.	2.5	49

#	ARTICLE	IF	CITATIONS
696	Ambidextrous binding of cell and membrane bilayers by soluble matrix metalloproteinase-12. <i>Nature Communications</i> , 2014, 5, 5552.	5.8	44
697	Regulation of invadopodia by the tumor microenvironment. <i>Cell Adhesion and Migration</i> , 2014, 8, 226-235.	1.1	64
698	MicroRNA-mediated regulation of extracellular matrix formation modulates somatic cell reprogramming. <i>Rna</i> , 2014, 20, 1900-1915.	1.6	23
699	SDF-1/CXCR7 Axis Enhances Ovarian Cancer Cell Invasion by MMP-9 Expression Through p38 MAPK Pathway. <i>DNA and Cell Biology</i> , 2014, 33, 543-549.	0.9	36
700	Editorial: Pro-matrix metalloproteinase-9 in tumor B lymphocytes: balancing migration and homing. <i>Journal of Leukocyte Biology</i> , 2014, 96, 164-166.	1.5	1
701	Key enzymes of degradation and angiogenesis as factors of tumor progression for squamous-cell cervical carcinoma. <i>Russian Journal of Bioorganic Chemistry</i> , 2014, 40, 688-696.	0.3	1
702	Small molecule 1- β -acetoxychavicol acetate suppresses breast tumor metastasis by regulating the SHP-1/STAT3/MMPs signaling pathway. <i>Breast Cancer Research and Treatment</i> , 2014, 148, 279-289.	1.1	33
703	Tackling the tumor microenvironment: what challenge does it pose to anticancer therapies?. <i>Protein and Cell</i> , 2014, 5, 816-826.	4.8	18
704	Collaborator of ARF (CARF) Regulates Proliferative Fate of Human Cells by Dose-dependent Regulation of DNA Damage Signaling. <i>Journal of Biological Chemistry</i> , 2014, 289, 18258-18269.	1.6	35
705	Soft matrix is a natural stimulator for cellular invasiveness. <i>Molecular Biology of the Cell</i> , 2014, 25, 457-469.	0.9	50
706	Establishment and characterization of a novel primary hepatocellular carcinoma cell line with metastatic ability in vivo. <i>Cancer Cell International</i> , 2014, 14, 103.	1.8	25
707	Integrated analyses of DNA methylation and hydroxymethylation reveal tumor suppressive roles of ECM1, ATF5, and EOMES in human hepatocellular carcinoma. <i>Genome Biology</i> , 2014, 15, 533.	3.8	57
708	The inhibitor of kappa B kinase-epsilon regulates MMP-3 expression levels and can promote lung metastasis. <i>Oncogenesis</i> , 2014, 3, e116-e116.	2.1	5
709	Visual and automated assessment of matrix metalloproteinase-14 tissue expression for the evaluation of ovarian cancer prognosis. <i>Modern Pathology</i> , 2014, 27, 1394-1404.	2.9	27
710	The role of proteases in regulating Eph/ephrin signaling. <i>Cell Adhesion and Migration</i> , 2014, 8, 294-307.	1.1	41
711	Fucoidans from Marine Algae as Potential Matrix Metalloproteinase Inhibitors. <i>Advances in Food and Nutrition Research</i> , 2014, 72, 177-193.	1.5	7
712	Loss of GATA3 in bladder cancer promotes cell migration and invasion. <i>Cancer Biology and Therapy</i> , 2014, 15, 428-435.	1.5	46
713	Icaritin suppresses the proliferation of human osteosarcoma cells in vitro by increasing apoptosis and decreasing MMP expression. <i>Acta Pharmacologica Sinica</i> , 2014, 35, 531-539.	2.8	29

#	ARTICLE	IF	CITATIONS
714	Targeting filamin B induces tumor growth and metastasis via enhanced activity of matrix metalloproteinase-9 and secretion of VEGF-A. <i>Oncogenesis</i> , 2014, 3, e119-e119.	2.1	28
715	Translating Kochâ€™s Postulates to Identify Matrix Metalloproteinase Roles in Postmyocardial Infarction Remodeling. <i>Circulation Research</i> , 2014, 114, 860-871.	2.0	41
716	Fibrogenesis and Carcinogenesis in Nonalcoholic Steatohepatitis (NASH): Involvement of Matrix Metalloproteinases (MMPs) and Tissue Inhibitors of Metalloproteinase (TIMPs). <i>Cancers</i> , 2014, 6, 1220-1255.	1.7	46
717	Speed Controls in Translating Secretory Proteins in Eukaryotes - an Evolutionary Perspective. <i>PLoS Computational Biology</i> , 2014, 10, e1003294.	1.5	21
718	WNT16B from Ovarian Fibroblasts Induces Differentiation of Regulatory T Cells through β -Catenin Signal in Dendritic Cells. <i>International Journal of Molecular Sciences</i> , 2014, 15, 12928-12939.	1.8	15
719	Network Analysis of Breast Cancer Progression and Reversal Using a Tree-Evolving Network Algorithm. <i>PLoS Computational Biology</i> , 2014, 10, e1003713.	1.5	9
720	Novel hepatocellular carcinoma molecules with prognostic and therapeutic potentials. <i>World Journal of Gastroenterology</i> , 2014, 20, 1268.	1.4	68
721	The Secreted Protein ANGPTL2 Promotes Metastasis of Osteosarcoma Cells Through Integrin α 5 β 1, p38 MAPK, and Matrix Metalloproteinases. <i>Science Signaling</i> , 2014, 7, ra7.	1.6	101
722	Pomegranate and Its Components as Alternative Treatment for Prostate Cancer. <i>International Journal of Molecular Sciences</i> , 2014, 15, 14949-14966.	1.8	56
723	Detection of circulating vascular endothelial growth factor and matrix metalloproteinase-9 in non-small cell lung cancer using Luminex multiplex technology. <i>Oncology Letters</i> , 2014, 7, 499-506.	0.8	12
724	Enhanced activation of matrix metalloproteinase-9 correlates with the degree of papillary thyroid carcinoma infiltration. <i>Croatian Medical Journal</i> , 2014, 55, 128-137.	0.2	31
725	Overexpression of progelatinase B/proMMP-9 affects migration regulatory pathways and impairs chronic lymphocytic leukemia cell homing to bone marrow and spleen. <i>Journal of Leukocyte Biology</i> , 2014, 96, 185-199.	1.5	23
726	TWEAK and $LT\beta$ Signaling during Chronic Liver Disease. <i>Frontiers in Immunology</i> , 2014, 5, 39.	2.2	33
727	Roles of Matrix Metalloproteinases and Their Natural Inhibitors in Prostate Cancer Progression. <i>Cancers</i> , 2014, 6, 1298-1327.	1.7	136
728	A furin inhibitor downregulates osteosarcoma cell migration by downregulating the expression levels of MT1-MMP via the Wnt signaling pathway. <i>Oncology Letters</i> , 2014, 7, 1033-1038.	0.8	13
729	Invadopodia: proteolytic feet of cancer cells. <i>Turkish Journal of Biology</i> , 2014, 38, 740-747.	2.1	5
730	Neutrophil Gelatinase-Associated Lipocalin (NGAL), Pro-Matrix Metalloproteinase-9 (pro-MMP-9) and Their Complex Pro-MMP-9/NGAL in Leukaemias. <i>Cancers</i> , 2014, 6, 796-812.	1.7	49
731	Different Preference of Degradome in Invasion versus Angiogenesis. <i>Cells Tissues Organs</i> , 2014, 200, 181-194.	1.3	5

#	ARTICLE	IF	CITATIONS
732	Effect of the PTEN gene on adhesion, invasion and metastasis of osteosarcoma cells. <i>Oncology Reports</i> , 2014, 32, 1741-1747.	1.2	27
733	Protein Kinase D family kinases. <i>Bioarchitecture</i> , 2014, 4, 111-115.	1.5	10
734	Inhibitory effects of lysophosphatidic acid receptor-5 on cellular functions of sarcoma cells. <i>Growth Factors</i> , 2014, 32, 117-122.	0.5	14
735	Diverse effects of LPA receptors on cell motile activities of cancer cells. <i>Journal of Receptor and Signal Transduction Research</i> , 2014, 34, 149-153.	1.3	22
736	Transcriptional changes in bone marrow stromal cells of patients with heart failure. <i>Cell Cycle</i> , 2014, 13, 1495-1500.	1.3	3
737	Tumor Microenvironment as Target in Cancer Therapy. <i>Annual Reports in Medicinal Chemistry</i> , 2014, 49, 269-284.	0.5	0
738	Metastatic Tumors to the Jaws and Mouth. <i>Head and Neck Pathology</i> , 2014, 8, 463-474.	1.3	134
739	Ultrasensitive Photoelectrochemical Immunoassay for Matrix Metalloproteinase-2 Detection Based on CdS:Mn/CdTe Cosensitized TiO ₂ Nanotubes and Signal Amplification of SiO ₂ @Ab ₂ Conjugates. <i>Analytical Chemistry</i> , 2014, 86, 12398-12405.	3.2	150
740	Silencing KRAS Overexpression in Arsenic-Transformed Prostate Epithelial and Stem Cells Partially Mitigates Malignant Phenotype. <i>Toxicological Sciences</i> , 2014, 142, 489-496.	1.4	26
741	Snail1-dependent transcriptional repression of Cezanne2 in hepatocellular carcinoma. <i>Oncogene</i> , 2014, 33, 2836-2845.	2.6	29
742	Intravital imaging reveals distinct responses of depleting dynamic tumor-associated macrophage and dendritic cell subpopulations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5086-95.	3.3	94
743	Unripe <i>Rubus coreanus</i> Miquel suppresses migration and invasion of human prostate cancer cells by reducing matrix metalloproteinase expression. <i>Bioscience, Biotechnology and Biochemistry</i> , 2014, 78, 1402-1411.	0.6	12
744	Nano-Oncologicals. <i>Advances in Delivery Science and Technology</i> , 2014, , .	0.4	7
745	The wound healing, chronic fibrosis, and cancer progression triad. <i>Physiological Genomics</i> , 2014, 46, 223-244.	1.0	189
746	A novel matrix metalloproteinase-2 inhibitor triazolylmethyl aziridine reduces melanoma cell invasion, angiogenesis and targets ERK1/2 phosphorylation. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014, 29, 765-772.	2.5	9
747	Calcifying Cystic Odontogenic Tumour: immunohistochemical expression of matrix metalloproteinases, their inhibitors (<sc>TIMP</sc>s and <sc>RECK</sc>) and inducer (<sc>EMMPRIN</sc>). <i>Journal of Oral Pathology and Medicine</i> , 2014, 43, 545-553.	1.4	6
748	Nestin depletion induces melanoma matrix metalloproteinases and invasion. <i>Laboratory Investigation</i> , 2014, 94, 1382-1395.	1.7	12
749	Macrophage heterogeneity in tissues: phenotypic diversity and functions. <i>Immunological Reviews</i> , 2014, 262, 36-55.	2.8	575

#	ARTICLE	IF	CITATIONS
750	JWA suppresses tumor angiogenesis via Sp1-activated matrix metalloproteinase-2 and its prognostic significance in human gastric cancer. <i>Carcinogenesis</i> , 2014, 35, 442-451.	1.3	52
751	Luminescent Graphene Oxide with a Peptide-Quencher Complex for Optical Detection of Cell-Secreted Proteases by a Turn-On Response. <i>Advanced Functional Materials</i> , 2014, 24, 5119-5128.	7.8	38
752	Aquaporin 3 knockdown suppresses tumour growth and angiogenesis in experimental non-small cell lung cancer. <i>Experimental Physiology</i> , 2014, 99, 974-984.	0.9	40
753	Capn4 is a marker of poor clinical outcomes and promotes nasopharyngeal carcinoma metastasis via nuclear factor- κ B-induced matrix metalloproteinase 2 expression. <i>Cancer Science</i> , 2014, 105, 630-638.	1.7	34
754	Activation of Toll-like Receptor-2 by Endogenous Matrix Metalloproteinase-2 Modulates Dendritic-Cell-Mediated Inflammatory Responses. <i>Cell Reports</i> , 2014, 9, 1856-1870.	2.9	33
755	Lessons from patient-derived xenografts for better in vitro modeling of human cancer. <i>Advanced Drug Delivery Reviews</i> , 2014, 79-80, 222-237.	6.6	146
756	Predicting Novel Antitumor Agents: 3D-Pharmacophore Mapping of <i>N</i> -biaryl Ether Sulfonamide-Based Hydroxamates as Potentially MMP-2 Inhibitors. <i>Molecular Informatics</i> , 2014, 33, 573-587.	1.4	7
757	Nanomedicine: The Promise and Challenges in Cancer Chemotherapy. <i>Advances in Experimental Medicine and Biology</i> , 2014, 811, 207-233.	0.8	19
758	Zerumbone Suppresses IL-1 α -Induced Cell Migration and Invasion by Inhibiting IL-8 and MMP-3 Expression in Human Triple-negative Breast Cancer Cells. <i>Phytotherapy Research</i> , 2014, 28, 1654-1660.	2.8	48
759	Tumor Cell-Derived MMP3 Orchestrates Rac1b and Tissue Alterations That Promote Pancreatic Adenocarcinoma. <i>Molecular Cancer Research</i> , 2014, 12, 1430-1439.	1.5	45
760	Inhibition of the Transition of Ductal Carcinoma <i>In Situ</i> to Invasive Ductal Carcinoma by a Gemini Vitamin D Analog. <i>Cancer Prevention Research</i> , 2014, 7, 617-626.	0.7	13
761	A sharp end to sugary Wingless travels. <i>Journal of Cell Biology</i> , 2014, 206, 819-821.	2.3	0
762	Visualization of Protease Activity In Vivo Using an Activatable Photo-Acoustic Imaging Probe Based on CuS Nanoparticles. <i>Theranostics</i> , 2014, 4, 134-141.	4.6	133
763	The Glasgow Prognostic Score Is an Independent Prognostic Predictor of Hepatocellular Carcinoma Following Radical Resection. <i>Oncology Research and Treatment</i> , 2014, 37, 192-197.	0.8	12
764	Podosomes in space. <i>Cell Adhesion and Migration</i> , 2014, 8, 179-191.	1.1	108
765	The Role of Inflammation in Lung Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2014, 816, 1-23.	0.8	192
766	Melanoma Growth and Progression After Ultraviolet A Irradiation: Impact of Lysosomal Exocytosis and Cathepsin Proteases. <i>Acta Dermato-Venereologica</i> , 2014, 95, 792-7.	0.6	8
767	A Novel CD44-binding Peptide from the Pro-Matrix Metalloproteinase-9 Hemopexin Domain Impairs Adhesion and Migration of Chronic Lymphocytic Leukemia (CLL) Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 15340-15349.	1.6	30

#	ARTICLE	IF	CITATIONS
768	Activation Approaches on Delivery of Imaging and Therapeutic Agents. , 2014, , 691-731.		0
769	Matrix metalloproteinase expression in keratocystic odontogenic tumors and primary cells. <i>Connective Tissue Research</i> , 2014, 55, 97-101.	1.1	10
770	<sc>PLC β 1 α -PKC β </sc> Signaling α -Mediated Hsp90 α Plasma Membrane Translocation Facilitates Tumor Metastasis. <i>Traffic</i> , 2014, 15, 861-878.	1.3	26
771	Full-length soluble CD147 promotes MMP-2 expression and is a potential serological marker in detection of hepatocellular carcinoma. <i>Journal of Translational Medicine</i> , 2014, 12, 190.	1.8	35
772	A Unique C α -terminal Domain Allows Retention of Matrix Metalloproteinase α 27 in the Endoplasmic Reticulum. <i>Traffic</i> , 2014, 15, 401-417.	1.3	12
773	Inflammatory lipid sphingosine-1-phosphate upregulates C-reactive protein via C/EBP β and potentiates breast cancer progression. <i>Oncogene</i> , 2014, 33, 3583-3593.	2.6	39
774	The impact of a chlorotoxin-modified liposome system on receptor MMP-2 and the receptor-associated protein CIC-3. <i>Biomaterials</i> , 2014, 35, 5908-5920.	5.7	40
775	Insights into the role of components of the tumor microenvironment in oral carcinoma call for new therapeutic approaches. <i>Experimental Cell Research</i> , 2014, 325, 58-64.	1.2	38
776	Molecular deconstruction, detection, and computational prediction of microenvironment-modulated cellular responses to cancer therapeutics. <i>Advanced Drug Delivery Reviews</i> , 2014, 69-70, 123-131.	6.6	13
777	Cytokine functions of TIMP-1. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 659-672.	2.4	220
778	The Therapeutic Effects of Bone Marrow-Derived Mesenchymal Stem Cells and Simvastatin in a Rat Model of Liver Fibrosis. <i>Cell Biochemistry and Biophysics</i> , 2014, 68, 111-125.	0.9	37
779	Grape seed extract suppresses MDA-MB231 breast cancer cell migration and invasion. <i>European Journal of Nutrition</i> , 2014, 53, 421-431.	1.8	28
780	Decreased expression of SERPINB1 correlates with tumor invasion and poor prognosis in hepatocellular carcinoma. <i>Journal of Molecular Histology</i> , 2014, 45, 59-68.	1.0	32
781	BVES Inhibition Triggers Epithelial-Mesenchymal Transition in Human Hepatocellular Carcinoma. <i>Digestive Diseases and Sciences</i> , 2014, 59, 992-1000.	1.1	28
782	Carotid Body Paragangliomas and Matrix Metalloproteinases. <i>Annals of Vascular Surgery</i> , 2014, 28, 1665-1670.	0.4	21
784	SAP domain-dependent Mkl1 signaling stimulates proliferation and cell migration by induction of a distinct gene set indicative of poor prognosis in breast cancer patients. <i>Molecular Cancer</i> , 2014, 13, 22.	7.9	50
785	α 5 β 1-integrin and MT1-MMP promote tumor cell migration in 2D but not in 3D fibronectin microenvironments. <i>Computational Mechanics</i> , 2014, 53, 499-510.	2.2	6
786	Matrix metalloproteinase 2 expression and survival of patients with osteosarcoma: a meta-analysis. <i>Tumor Biology</i> , 2014, 35, 845-848.	0.8	25

#	ARTICLE	IF	CITATIONS
787	Methylarsonous acid causes oxidative DNA damage in cells independent of the ability to biomethylate inorganic arsenic. <i>Archives of Toxicology</i> , 2014, 88, 249-261.	1.9	21
788	Upregulated miR-106a plays an oncogenic role in pancreatic cancer. <i>FEBS Letters</i> , 2014, 588, 705-712.	1.3	67
789	Fragmented Sleep Accelerates Tumor Growth and Progression through Recruitment of Tumor-Associated Macrophages and TLR4 Signaling. <i>Cancer Research</i> , 2014, 74, 1329-1337.	0.4	157
790	EMMPRIN/CD147-enriched membrane vesicles released from malignant human testicular germ cells increase MMP production through tumor-stroma interaction. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2581-2588.	1.1	11
791	MiR-145, miR-133a and miR-133b inhibit proliferation, migration, invasion and cell cycle progression via targeting transcription factor Sp1 in gastric cancer. <i>FEBS Letters</i> , 2014, 588, 1168-1177.	1.3	163
792	Pleiotropic effects of bisphosphonates on osteosarcoma. <i>Bone</i> , 2014, 63, 110-120.	1.4	38
793	Integrated Micro/Nanoengineered Functional Biomaterials for Cell Mechanics and Mechanobiology: A Materials Perspective. <i>Advanced Materials</i> , 2014, 26, 1494-1533.	11.1	121
794	Controllable self-assembly of an amphiphilic drug with β -cyclodextrin and α -amylase. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 445, 67-74.	2.3	5
795	Control of MT1-MMP transport by atypical PKC during breast-cancer progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E1872-9.	3.3	76
796	The role of the tumor-microenvironment in lung cancer-metastasis and its relationship to potential therapeutic targets. <i>Cancer Treatment Reviews</i> , 2014, 40, 558-566.	3.4	350
797	Nanoparticle targeting of anti-cancer drugs that alter intracellular signaling or influence the tumor microenvironment. <i>Advanced Drug Delivery Reviews</i> , 2014, 79-80, 107-118.	6.6	199
798	Long non-coding RNA MVIH indicates a poor prognosis for non-small cell lung cancer and promotes cell proliferation and invasion. <i>Tumor Biology</i> , 2014, 35, 7587-7594.	0.8	86
799	Imaging hallmarks of cancer in living mice. <i>Nature Reviews Cancer</i> , 2014, 14, 406-418.	12.8	166
800	Preoperative serum hyaluronic acid level as a prognostic factor in patients undergoing hepatic resection for hepatocellular carcinoma. <i>British Journal of Surgery</i> , 2014, 101, 269-276.	0.1	26
801	Novel anthraquinone based chalcone analogues containing an imine fragment: Synthesis, cytotoxicity and anti-angiogenic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 65-71.	1.0	41
802	Potential matrix metalloproteinase inhibitors from edible marine algae: A review. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 1090-1100.	2.0	24
803	TRP channels and STIM/ORAI proteins: sensors and effectors of cancer and stroma cell migration. <i>British Journal of Pharmacology</i> , 2014, 171, 5524-5540.	2.7	51
804	Stimuli-sensitive nanopreparations for combination cancer therapy. <i>Journal of Controlled Release</i> , 2014, 190, 352-370.	4.8	299

#	ARTICLE	IF	CITATIONS
805	Tumour-site-dependent expression profile of angiogenic factors in tumour-associated stroma of primary colorectal cancer and metastases. <i>British Journal of Cancer</i> , 2014, 110, 441-449.	2.9	33
806	Tumors of the Central Nervous System, Volume 13. <i>Tumors of the Central Nervous System</i> , 2014, , .	0.1	3
807	IL-6 Mediated Induction of Matrix Metalloproteinase-9 Is Modulated by JAK-Dependent IL-10 Expression in Macrophages. <i>Journal of Immunology</i> , 2014, 192, 349-357.	0.4	110
808	In vitro models of tumor vessels and matrix: Engineering approaches to investigate transport limitations and drug delivery in cancer. <i>Advanced Drug Delivery Reviews</i> , 2014, 69-70, 205-216.	6.6	60
809	Pericellular proteolysis in cancer. <i>Genes and Development</i> , 2014, 28, 2331-2347.	2.7	154
810	Remodelling the extracellular matrix in development and disease. <i>Nature Reviews Molecular Cell Biology</i> , 2014, 15, 786-801.	16.1	3,082
811	Discovery of Potent HDAC Inhibitors Based on Chlamydocin with Inhibitory Effects on Cell Migration. <i>ChemMedChem</i> , 2014, 9, 627-637.	1.6	16
812	Glioma Cell Biology. , 2014, , .		3
813	Macrophages: Biology and Role in the Pathology of Diseases. , 2014, , .		13
814	Girdin, an actin-binding protein, is critical for migration, adhesion, and invasion of human glioblastoma cells. <i>Journal of Neurochemistry</i> , 2014, 131, 457-469.	2.1	25
815	Metastasis review: from bench to bedside. <i>Tumor Biology</i> , 2014, 35, 8483-8523.	0.8	126
816	Serum biomarkers reflecting specific tumor tissue remodeling processes are valuable diagnostic tools for lung cancer. <i>Cancer Medicine</i> , 2014, 3, 1136-1145.	1.3	64
817	Overexpression of progelatinase B/proMMP-9 affects migration regulatory pathways and impairs chronic lymphocytic leukemia cell homing to bone marrow and spleen. <i>Journal of Leukocyte Biology</i> , 2014, , .	1.5	1
818	Antitumor Action of a Novel Histone Deacetylase Inhibitor, YF479, in Breast Cancer. <i>Neoplasia</i> , 2014, 16, 665-677.	2.3	35
819	Illuminating breast cancer invasion: diverse roles for cell-cell interactions. <i>Current Opinion in Cell Biology</i> , 2014, 30, 99-111.	2.6	98
820	Cellular contractility and extracellular matrix stiffness regulate matrix metalloproteinase activity in pancreatic cancer cells. <i>FASEB Journal</i> , 2014, 28, 3589-3599.	0.2	108
821	Inverse hormesis of cancer growth mediated by narrow ranges of tumor-directed antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5998-6003.	3.3	64
822	Matrix metalloproteinase 2-responsive micelle for siRNA delivery. <i>Biomaterials</i> , 2014, 35, 7622-7634.	5.7	102

#	ARTICLE	IF	CITATIONS
823	Interaction of tumour cells with their microenvironment: ion channels and cell adhesion molecules. A focus on pancreatic cancer. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130101.	1.8	25
825	IKK phosphorylates RelB to modulate its promoter specificity and promote fibroblast migration downstream of TNF receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14794-14799.	3.3	22
827	Actin-associated protein palladin promotes tumor cell invasion by linking extracellular matrix degradation to cell cytoskeleton. <i>Molecular Biology of the Cell</i> , 2014, 25, 2556-2570.	0.9	43
828	Medicinal properties of <i>Hericium erinaceus</i> and its potential to formulate novel mushroom-based pharmaceuticals. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 7661-7670.	1.7	44
829	On a class of multiscale cancer cell migration models: Well-posedness in less regular function spaces. <i>Mathematical Models and Methods in Applied Sciences</i> , 2014, 24, 2383-2436.	1.7	30
830	Deciphering the Role of the ADAM17-Dependent Secretome in Cell Signaling. <i>Journal of Proteome Research</i> , 2014, 13, 2080-2093.	1.8	38
831	Deconstructing breast cancer cell biology and the mechanisms of multidrug resistance. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2014, 1846, 312-325.	3.3	52
832	LZTFL1 suppresses gastric cancer cell migration and invasion through regulating nuclear translocation of β -catenin. <i>Journal of Cancer Research and Clinical Oncology</i> , 2014, 140, 1997-2008.	1.2	29
833	Uterine Rbpj is required for embryonic-uterine orientation and decidual remodeling via Notch pathway-independent and -dependent mechanisms. <i>Cell Research</i> , 2014, 24, 925-942.	5.7	68
834	CD44 targets Na ⁺ /H ⁺ exchanger 1 to mediate MDA-MB-231 cells'™ metastasis via the regulation of ERK1/2. <i>British Journal of Cancer</i> , 2014, 110, 916-927.	2.9	31
835	A RAB5/RAB4 recycling circuitry induces a proteolytic invasive program and promotes tumor dissemination. <i>Journal of Cell Biology</i> , 2014, 206, 307-328.	2.3	114
836	Engineering strategies to mimic the glioblastoma microenvironment. <i>Advanced Drug Delivery Reviews</i> , 2014, 79-80, 172-183.	6.6	118
837	TIMP-1 and responsiveness to gemcitabine in advanced breast cancer; results from a randomized phase III trial from the Danish breast cancer cooperative group. <i>BMC Cancer</i> , 2014, 14, 360.	1.1	6
838	Matrix metalloproteinase 1 and circulating tumor cells in early breast cancer. <i>BMC Cancer</i> , 2014, 14, 472.	1.1	45
839	MMP-9 expression varies according to molecular subtypes of breast cancer. <i>BMC Cancer</i> , 2014, 14, 609.	1.1	141
840	Differential subcellular and extracellular localisations of proteins required for insulin-like growth factor- and extracellular matrix-induced signalling events in breast cancer progression. <i>BMC Cancer</i> , 2014, 14, 627.	1.1	7
841	Phospholipase D Signaling Pathways and Phosphatidic Acid as Therapeutic Targets in Cancer. <i>Pharmacological Reviews</i> , 2014, 66, 1033-1079.	7.1	209
842	Analysis of tumour- and stroma-supplied proteolytic networks reveals a brain-metastasis-promoting role for α -cathepsin S. <i>Nature Cell Biology</i> , 2014, 16, 876-888.	4.6	300

#	ARTICLE	IF	CITATIONS
843	Rational Design of MMP Degradable Peptide-Based Supramolecular Filaments. <i>Biomacromolecules</i> , 2014, 15, 1419-1427.	2.6	65
844	Simultaneous study of matrix metalloproteinases, proinflammatory cytokines, and soluble cytokine receptors in the tears of noninfectious corneal ulcer patients. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2014, 252, 1451-1456.	1.0	24
845	Protein kinase D2 induces invasion of pancreatic cancer cells by regulating matrix metalloproteinases. <i>Molecular Biology of the Cell</i> , 2014, 25, 324-336.	0.9	49
846	Lysophosphatidic acid receptor-5 negatively regulates cell motile and invasive activities of human sarcoma cell lines. <i>Molecular and Cellular Biochemistry</i> , 2014, 393, 17-22.	1.4	12
847	Reactive Oxygen Species in Normal and Tumor Stem Cells. <i>Advances in Cancer Research</i> , 2014, 122, 1-67.	1.9	291
848	Extracellular matrix macromolecules: potential tools and targets in cancer gene therapy. <i>Molecular and Cellular Therapies</i> , 2014, 2, 14.	0.2	35
849	Matrix metalloproteinases in inflammation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2571-2580.	1.1	344
850	UTX and MLL4 Coordinately Regulate Transcriptional Programs for Cell Proliferation and Invasiveness in Breast Cancer Cells. <i>Cancer Research</i> , 2014, 74, 1705-1717.	0.4	198
851	Generation of AQP2-Cre transgenic mini-pigs specifically expressing Cre recombinase in kidney collecting duct cells. <i>Transgenic Research</i> , 2014, 23, 365-375.	1.3	16
852	ADAM17 is associated with EMMPRIN and predicts poor prognosis in patients with uterine cervical carcinoma. <i>Tumor Biology</i> , 2014, 35, 7575-7586.	0.8	21
853	Anti-invasive effects of <i>Celastrus Orbiculatus</i> extract on interleukin-1 beta and tumour necrosis factor-alpha combination-stimulated fibroblast-like synoviocytes. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 62.	3.7	17
854	Validation of the effects of TGF- β 1 on tumor recurrence and prognosis through tumor retrieval and cell mechanical properties. <i>Cancer Cell International</i> , 2014, 14, 20.	1.8	9
855	Pathway landscapes and epigenetic regulation in breast cancer and melanoma cell lines. <i>Theoretical Biology and Medical Modelling</i> , 2014, 11, S8.	2.1	9
856	Multistage porous silicon for cancer therapy. , 2014, , 374-402.		1
857	FRET-based and other fluorescent proteinase probes. <i>Biotechnology Journal</i> , 2014, 9, 266-281.	1.8	46
858	Porphyryns for Imaging, Photodynamic Therapy, and Photothermal Therapy. , 2014, , 229-254.		12
859	Glioma-associated microglial MMP9 expression is upregulated by TLR2 signaling and sensitive to minocycline. <i>International Journal of Cancer</i> , 2014, 135, 2569-2578.	2.3	95
860	Functional Characterization of Anopheles Matrix Metalloprotease 1 Reveals Its Agonistic Role during Sporogonic Development of Malaria Parasites. <i>Infection and Immunity</i> , 2014, 82, 4865-4877.	1.0	20

#	ARTICLE	IF	CITATIONS
861	FOXA2 suppresses the metastasis of hepatocellular carcinoma partially through matrix metalloproteinase-9 inhibition. <i>Carcinogenesis</i> , 2014, 35, 2576-2583.	1.3	57
862	Tumor-Induced Immune Suppression. , 2014, , .		3
863	Daidzein Suppresses Tumor Necrosis Factor- α Induced Migration and Invasion by Inhibiting Hedgehog/Gli1 Signaling in Human Breast Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 3759-3767.	2.4	36
864	A systems biology view of blood vessel growth and remodelling. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 1491-1508.	1.6	139
865	The use of EEM fluorescence data and OPLS/UPLS-DA algorithm to discriminate between normal and cancer cell lines: a feasibility study. <i>Analyst, The</i> , 2014, 139, 2423.	1.7	9
866	Matrikines from basement membrane collagens: A new anti-cancer strategy. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2589-2598.	1.1	91
867	Current and future biologic markers for disease progression and relapse in testicular germ cell tumors: A review. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2014, 32, 261-271.	0.8	14
868	Genetically encoded FRET-based biosensor for imaging MMP-9 activity. <i>Biomaterials</i> , 2014, 35, 1402-1410.	5.7	42
869	2-Methoxy-1,4-Naphthoquinone (MNQ) suppresses the invasion and migration of a human metastatic breast cancer cell line (MDA-MB-231). <i>Toxicology in Vitro</i> , 2014, 28, 335-339.	1.1	23
870	Lysophosphatidic acid receptor-5 negatively regulates cellular responses in mouse fibroblast 3T3 cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 585-589.	1.0	5
871	Enhanced potency of the metalloprotease inhibitor TAPI-2 by multivalent display. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 2002-2007.	1.0	8
872	A novel cantharidin analog N-Benzylcantharidinamide reduces the expression of MMP-9 and invasive potentials of Hep3B via inhibiting cytosolic translocation of HuR. <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 371-377.	1.0	26
873	Membrane palmitoylated protein 3 promotes hepatocellular carcinoma cell migration and invasion via up-regulating matrix metalloproteinase 1. <i>Cancer Letters</i> , 2014, 344, 74-81.	3.2	16
874	The Role of Src in Colon Cancer and Its Therapeutic Implications. <i>Clinical Colorectal Cancer</i> , 2014, 13, 5-13.	1.0	106
875	Fat depot-specific gene signature and ECM remodeling of Sca1 ^{high} adipose-derived stem cells. <i>Matrix Biology</i> , 2014, 36, 28-38.	1.5	27
876	Neutrophil elastase-dependent cleavage compromises the tumor suppressor role of EMILIN1. <i>Matrix Biology</i> , 2014, 34, 22-32.	1.5	23
877	Resection of Carotid Body Tumors reduces arterial blood pressure. An underestimated neuroendocrine syndrome. <i>International Journal of Surgery</i> , 2014, 12, S63-S67.	1.1	16
878	Association of CXCR1 and 2 expressions with gastric cancer metastasis in ex vivo and tumor cell invasion in vitro. <i>Cytokine</i> , 2014, 69, 6-13.	1.4	34

#	ARTICLE	IF	CITATIONS
879	Challenges associated with penetration of nanoparticles across cell and tissue barriers: A review of current status and future prospects. <i>Nano Today</i> , 2014, 9, 223-243.	6.2	878
880	Quantum dots based molecular beacons for in vitro and in vivo detection of MMP-2 on tumor. <i>Biosensors and Bioelectronics</i> , 2014, 61, 512-518.	5.3	80
881	Mechanisms of buffer therapy resistance. <i>Neoplasia</i> , 2014, 16, 354-364.e3.	2.3	26
882	Matrix metalloproteinase-14 is a mechanically regulated activator of secreted MMPs and invasion. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 213-218.	1.0	36
883	<i>Antrodia salmonea</i> inhibits TNF- α -induced angiogenesis and atherogenesis in human endothelial cells through the down-regulation of NF- κ B and up-regulation of Nrf2 signaling pathways. <i>Journal of Ethnopharmacology</i> , 2014, 151, 394-406.	2.0	34
884	Single domain antibody against carcinoembryonic antigen-related cell adhesion molecule 6 (CEACAM6) inhibits proliferation, migration, invasion and angiogenesis of pancreatic cancer cells. <i>European Journal of Cancer</i> , 2014, 50, 713-721.	1.3	29
885	Identification of novel TMPRSS2:ERG mechanisms in prostate cancer metastasis: involvement of MMP9 and PLXNA2. <i>Oncogene</i> , 2014, 33, 2204-2214.	2.6	61
886	WASF3 regulates miR-200 inactivation by ZEB1 through suppression of KISS1 leading to increased invasiveness in breast cancer cells. <i>Oncogene</i> , 2014, 33, 203-211.	2.6	73
887	Targeting inflammation in diabetes: Newer therapeutic options. <i>World Journal of Diabetes</i> , 2014, 5, 697.	1.3	144
888	Imaging Denatured Collagen Strands In vivo and Ex vivo via Photo-triggered Hybridization of Caged Collagen Mimetic Peptides. <i>Journal of Visualized Experiments</i> , 2014, , e51052.	0.2	13
889	miR-451: Potential role as tumor suppressor of human hepatoma cell growth and invasion. <i>International Journal of Oncology</i> , 2014, 45, 739-745.	1.4	22
890	Vandetanib-induced inhibition of neuroblastoma cell migration and invasion is associated with downregulation of the SDF-1/CXCR4 axis and matrix metalloproteinase 14. <i>Oncology Reports</i> , 2014, 31, 1165-1174.	1.2	9
891	High MMP-21 expression in metastatic lymph nodes predicts unfavorable overall survival for oral squamous cell carcinoma patients with lymphatic metastasis. <i>Oncology Reports</i> , 2014, 31, 2644-2650.	1.2	18
893	Shikonin blocks migration and invasion of human breast cancer cells through inhibition of matrix metalloproteinase-9 activation. <i>Oncology Reports</i> , 2014, 31, 2827-2833.	1.2	64
894	The role of nuclear EpICD in extrahepatic cholangiocarcinoma: Association with β -catenin. <i>International Journal of Oncology</i> , 2014, 45, 691-698.	1.4	15
895	MicroRNA-145 inhibits cell proliferation by directly targeting ADAM17 in hepatocellular carcinoma. <i>Oncology Reports</i> , 2014, 32, 1923-1930.	1.2	35
896	Overexpression of syntenin enhances hepatoma cell proliferation and invasion: Potential roles in human hepatoma. <i>Oncology Reports</i> , 2014, 32, 2810-2816.	1.2	21
897	Morin, a flavonoid from Moraceae, suppresses growth and invasion of the highly metastatic breast cancer cell line MDA-MB-231 partly through suppression of the Akt pathway. <i>International Journal of Oncology</i> , 2014, 45, 1629-1637.	1.4	80

#	ARTICLE	IF	CITATIONS
898	Brousset et al. Broussonetia kazinoki modulates the expression of VEGFR-2 and MMP-2 through the inhibition of ERK, Akt and p70S6K-dependent signaling pathways: Its implication in endothelial cell proliferation, migration and tubular formation. <i>Oncology Reports</i> , 2014, 32, 1531-1536.	1.2	16
899	Effects of nutrients on matrix metalloproteinases in human T-lymphotropic virus type 1 positive and negative malignant T-lymphocytes. <i>International Journal of Oncology</i> , 2014, 45, 2159-2166.	1.4	4
900	Circadian disruption and cancer risk: A new concept of stromal niche. <i>International Journal of Oncology</i> , 2014, 44, 364-370.	1.4	9
901	The Role of Stroma in Tumor Development. <i>Cancer Journal (Sudbury, Mass)</i> , 2015, 21, 250-253.	1.0	108
902	Ectokinases as novel cancer markers and drug targets in cancer therapy. <i>Cancer Medicine</i> , 2015, 4, 404-414.	1.3	16
903	MMPs and angiogenesis affect the metastatic potential of a human vulvar leiomyosarcoma cell line. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 2098-2107.	1.6	4
904	SHON, a novel secreted protein, regulates epithelial-mesenchymal transition through transforming growth factor- β^2 signaling in human breast cancer cells. <i>International Journal of Cancer</i> , 2015, 136, 1285-1295.	2.3	7
905	B7-H3 promotes cell migration and invasion through the Jak2/Stat3/MMP9 signaling pathway in colorectal cancer. <i>Molecular Medicine Reports</i> , 2015, 12, 5455-5460.	1.1	64
906	Moyamoya disease susceptibility gene RNF213 links inflammatory and angiogenic signals in endothelial cells. <i>Scientific Reports</i> , 2015, 5, 13191.	1.6	105
907	Microencapsulation of recombinant adenovirus within poly-DL-lactide-poly(ethylene glycol) microspheres for enhanced gene transfection efficiency and inhibitory effects on hepatocellular carcinoma cells in vitro. <i>Molecular Medicine Reports</i> , 2015, 12, 2336-2342.	1.1	6
908	Myeloma cell-derived Runx2 promotes myeloma progression in bone. <i>Blood</i> , 2015, 125, 3598-3608.	0.6	52
909	Current perspectives concerning the multimodal therapy in Glioblastoma. <i>Romanian Neurosurgery</i> , 2015, 22, 3-19.	1.0	0
910	RalB regulates contractility-driven cancer dissemination upon TGF- β^2 stimulation via the RhoGEF GEF-H1. <i>Scientific Reports</i> , 2015, 5, 11759.	1.6	31
911	Nuclear factor- κ B plays a critical role in both intrinsic and acquired resistance against endocrine therapy in human breast cancer cells. <i>Scientific Reports</i> , 2014, 4, 4057.	1.6	54
912	Phylotranscriptomic analysis uncovers a wealth of tissue inhibitor of metalloproteinases variants in echinoderms. <i>Royal Society Open Science</i> , 2015, 2, 150377.	1.1	21
913	Identification of genetic loci that control mammary tumor susceptibility through the host microenvironment. <i>Scientific Reports</i> , 2015, 5, 8919.	1.6	16
916	Markers of progression and invasion in short term follow up of untreated breast cancer patients. <i>Cancer Biomarkers</i> , 2015, 15, 745-754.	0.8	13
917	Bioengineering Models for Breast Cancer Research. <i>Breast Cancer: Basic and Clinical Research</i> , 2015, 9s2, BCBCR.S29424.	0.6	17

#	ARTICLE	IF	CITATIONS
918	Targeting Breast Cancer Metastasis. <i>Breast Cancer: Basic and Clinical Research</i> , 2015, 9s1, BCBCR.S25460.	0.6	145
919	<i>Carcinogenesis.</i> , 2015,, 1135-1172.		0
920	Critical roles for murine Reck in the regulation of vascular patterning and stabilization. <i>Scientific Reports</i> , 2015, 5, 17860.	1.6	22
921	Effects of cyclooxygenase-2 gene silencing on the biological behavior of SKOV3 ovarian cancer cells. <i>Molecular Medicine Reports</i> , 2015, 11, 59-66.	1.1	9
922	Scutellarein inhibits cancer cell metastasis in vitro and attenuates the development of fibrosarcoma in vivo. <i>International Journal of Molecular Medicine</i> , 2015, 35, 31-38.	1.8	40
923	Effect of Matrine on HPAC cell migration by down-regulating the expression of MT1-MMP via Wnt signaling. <i>Cancer Cell International</i> , 2015, 15, 59.	1.8	23
924	Expression of CD147 and matrix metalloproteinase-11 in colorectal cancer and their relationship to clinicopathological features. <i>Journal of Translational Medicine</i> , 2015, 13, 337.	1.8	26
925	A multilevel pan-cancer map links gene mutations to cancer hallmarks. <i>Chinese Journal of Cancer</i> , 2015, 34, 439-49.	4.9	38
926	Downregulation of cancer stem cell properties via mTOR signaling pathway inhibition by rapamycin in nasopharyngeal carcinoma. <i>International Journal of Oncology</i> , 2015, 47, 909-917.	1.4	37
927	HCSDB: the human cancer secretome database. <i>Database: the Journal of Biological Databases and Curation</i> , 2015, 2015, bav051.	1.4	29
928	Paracrine factors from adipose-mesenchymal stem cells enhance metastatic capacity through Wnt signaling pathway in a colon cancer cell co-culture model. <i>Cancer Cell International</i> , 2015, 15, 42.	1.8	51
929	The co-expression of MMP-9 and Tenascin-C is significantly associated with the progression and prognosis of pancreatic cancer. <i>Diagnostic Pathology</i> , 2015, 10, 211.	0.9	45
930	Modeling and Virtual Screening of Antisense Peptides Targeting the Divergent Region of Tumor-Associated Matrix Metalloproteinase (MMP) Protein. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 2198-2207.	1.0	0
931	Matrix metalloproteinase 10 contributes to hepatocarcinogenesis in a novel crosstalk with the stromal derived factor 1/CXCR4 chemokine receptor 4 axis. <i>Hepatology</i> , 2015, 62, 166-178.	3.6	61
932	Current mechanistic insights into the roles of matrix metalloproteinases in tumour invasion and metastasis. <i>Journal of Pathology</i> , 2015, 237, 273-281.	2.1	201
933	In vivo Optical Imaging of Matrix Metalloproteinase Activity Detects Acute and Chronic Contact Hypersensitivity Reactions and Enables Monitoring of the Antiinflammatory Effects of N-Acetylcysteine. <i>Molecular Imaging</i> , 2015, 14, 7290.2014.00044.	0.7	5
934	Imaging the Tumor Microenvironment. <i>Cancer Journal (Sudbury, Mass.)</i> , 2015, 21, 174-178.	1.0	52
935	1118-20, an indazole diarylurea compound, inhibits hepatocellular carcinoma HepG2 proliferation and tumour angiogenesis involving Wnt/ β -catenin pathway and receptor tyrosine kinases. <i>Journal of Pharmacy and Pharmacology</i> , 2015, 67, 1393-1405.	1.2	16

#	ARTICLE	IF	CITATIONS
936	Therapeutic Enzyme-Responsive Nanoparticles for Targeted Delivery and Accumulation in Tumors. <i>Advanced Materials</i> , 2015, 27, 4611-4615.	11.1	218
937	The <i>VEGFR2</i> , <i>COX2</i> and <i>MMP2</i> polymorphisms are associated with clinical outcome of patients with inoperable non-small cell lung cancer. <i>International Journal of Cancer</i> , 2015, 137, 2332-2342.	2.3	22
938	CERS2 Suppresses Tumor Cell Invasion and is Associated with Decreased <i>VATPase</i> and <i>MMP2/MMP9</i> Activities in Breast Cancer. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 502-513.	1.2	57
939	Monitoring matrix metalloproteinase activity at the epidermal-dermal interface by SILAC-TRAQ-TAILS. <i>Proteomics</i> , 2015, 15, 2491-2502.	1.3	21
940	Genetic polymorphisms of matrix metalloproteinases and protein levels in chronic obstructive pulmonary disease in a Mexican population. <i>Biomarkers in Medicine</i> , 2015, 9, 979-988.	0.6	14
941	Current Insights Into Canine Cutaneous Melanocytic Tumours Diagnosis. , 0, , .		1
943	Expression characteristics of MMP-2 and MMP-9 in guinea pig ovaries during the estrous cycle. <i>Genetics and Molecular Research</i> , 2015, 14, 17329-17340.	0.3	3
944	Nonproteolytic functions of matrix metalloproteinases in pathology and insights for the development of novel therapeutic inhibitors. <i>Metalloproteinases in Medicine</i> , 0, , 19.	1.0	15
945	In vitro and in vivo anti-angiogenic activity of girinimbine isolated from <i>Murraya koenigii</i> . <i>Drug Design, Development and Therapy</i> , 2015, 9, 1281.	2.0	11
946	Expression of ECM1 and MMP-2 in follicular thyroid lesions among Egyptians. <i>Cancer Biomarkers</i> , 2015, 15, 441-458.	0.8	3
947	Hes1 Increases the Invasion Ability of Colorectal Cancer Cells via the STAT3-MMP14 Pathway. <i>PLoS ONE</i> , 2015, 10, e0144322.	1.1	44
948	Roles of dopamine receptors and their antagonist thioridazine in hepatoma metastasis. <i>OncoTargets and Therapy</i> , 2015, 8, 1543.	1.0	36
949	Matrix Metalloproteinases-Modulating the Tumor Microenvironment. <i>Journal of Carcinogenesis & Mutagenesis</i> , 2015, 06, .	0.3	2
950	Matrix metalloproteinases as drivers and therapeutic targets in breast cancer. <i>Frontiers in Bioscience - Landmark</i> , 2015, 20, 1144-1163.	3.0	118
951	Stimuli-Responsive Nanocarriers for Drug Delivery to the Central Nervous System. <i>Current Nanoscience</i> , 2015, 12, 4-17.	0.7	12
952	Profiling Invasiveness in Head and Neck Cancer: Recent Contributions of Genomic and Transcriptomic Approaches. <i>Cancers</i> , 2015, 7, 585-597.	1.7	8
953	Recapitulating the Tumor Ecosystem Along the Metastatic Cascade Using 3D Culture Models. <i>Frontiers in Oncology</i> , 2015, 5, 170.	1.3	27
954	Targeting ECM Disrupts Cancer Progression. <i>Frontiers in Oncology</i> , 2015, 5, 224.	1.3	210

#	ARTICLE	IF	CITATIONS
955	MEMBRANE TYPE 1-MATRIX METALLOPROTEINASE (MT1-MMP) IDENTIFIED AS A MULTIFUNCTIONAL REGULATOR OF VASCULAR RESPONSES. Fukushima Journal of Medical Sciences, 2015, 61, 91-100.	0.1	8
956	Low-density lipoprotein receptor-related protein in metalloproteinase-mediated pathologies: recent insights. Metalloproteinases in Medicine, 2015, , 9.	1.0	2
957	A Membrane-Type-1 Matrix Metalloproteinase (MT1-MMP) α Discoidin Domain Receptor 1 Axis Regulates Collagen-Induced Apoptosis in Breast Cancer Cells. PLoS ONE, 2015, 10, e0116006.	1.1	43
958	Investigating Breast Cancer Cell Behavior Using Tissue Engineering Scaffolds. PLoS ONE, 2015, 10, e0118724.	1.1	46
959	Antimetastatic Therapies of the Polysulfide Diallyl Trisulfide against Triple-Negative Breast Cancer (TNBC) via Suppressing MMP2/9 by Blocking NF- κ B and ERK/MAPK Signaling Pathways. PLoS ONE, 2015, 10, e0123781.	1.1	73
960	Two-Dimensional Zymography Differentiates Gelatinase Isoforms in Stimulated Microglial Cells and in Brain Tissues of Acute Brain Injuries. PLoS ONE, 2015, 10, e0123852.	1.1	10
961	Prognostic Value of Tissue Inhibitor of Metalloproteinase-2 Expression in Patients with Non-Small Cell Lung Cancer: A Systematic Review and Meta-Analysis. PLoS ONE, 2015, 10, e0124230.	1.1	22
962	Serpine2/PN-1 Is Required for Proliferative Expansion of Pre-Neoplastic Lesions and Malignant Progression to Medulloblastoma. PLoS ONE, 2015, 10, e0124870.	1.1	22
963	Selective Allosteric Inhibition of MMP9 Is Efficacious in Preclinical Models of Ulcerative Colitis and Colorectal Cancer. PLoS ONE, 2015, 10, e0127063.	1.1	150
964	CleavPredict: A Platform for Reasoning about Matrix Metalloproteinases Proteolytic Events. PLoS ONE, 2015, 10, e0127877.	1.1	32
965	The Oncogenic Response to MiR-335 Is Associated with Cell Surface Expression of Membrane-Type 1 Matrix Metalloproteinase (MT1-MMP) Activity. PLoS ONE, 2015, 10, e0132026.	1.1	10
966	Irisin Induces Angiogenesis in Human Umbilical Vein Endothelial Cells In Vitro and in Zebrafish Embryos In Vivo via Activation of the ERK Signaling Pathway. PLoS ONE, 2015, 10, e0134662.	1.1	68
967	Matrix Metalloproteinase-2 (MMP-2) Gene Deletion Enhances MMP-9 Activity, Impairs PARP-1 Degradation, and Exacerbates Hepatic Ischemia and Reperfusion Injury in Mice. PLoS ONE, 2015, 10, e0137642.	1.1	25
968	Development of a Novel PET Tracer [18F]AIF-NOTA-C6 Targeting MMP2 for Tumor Imaging. PLoS ONE, 2015, 10, e0141668.	1.1	9
969	The Retinoblastoma Tumor Suppressor Transcriptionally Represses Pak1 in Osteoblasts. PLoS ONE, 2015, 10, e0142406.	1.1	4
970	The Matricellular Receptor LRP1 Forms an Interface for Signaling and Endocytosis in Modulation of the Extracellular Tumor Environment. Frontiers in Pharmacology, 2015, 6, 271.	1.6	42
971	Proteases and Protease Inhibitors of Urinary Extracellular Vesicles in Diabetic Nephropathy. Journal of Diabetes Research, 2015, 2015, 1-14.	1.0	52
972	Multipotent Mesenchymal Stromal Cells: Possible Culprits in Solid Tumors?. Stem Cells International, 2015, 2015, 1-11.	1.2	9

#	ARTICLE	IF	CITATIONS
973	Insulin-Like Growth Factor and Epidermal Growth Factor Signaling in Breast Cancer Cell Growth: Focus on Endocrine Resistant Disease. <i>Analytical Cellular Pathology</i> , 2015, 2015, 1-10.	0.7	34
974	High expression of small GTPase Rab3D promotes cancer progression and metastasis. <i>Oncotarget</i> , 2015, 6, 11125-11138.	0.8	82
975	Pinitol suppresses tumor necrosis factor- α -induced invasion of prostate cancer LNCaP cells by inhibiting nuclear factor- κ B-Mediated matrix Metalloproteinase-9 expression. <i>Tropical Journal of Pharmaceutical Research</i> , 2015, 14, 1357.	0.2	5
976	Expansion of stem cells counteracts age-related mammary regression in compound Timp1/Timp3 null mice. <i>Nature Cell Biology</i> , 2015, 17, 217-227.	4.6	27
977	Loss of α MT causes cell senescence and nuclear defects which can be reversed by retinoic acid. <i>EMBO Journal</i> , 2015, 34, 1875-1888.	3.5	78
978	Hepatoprotective and anti-tumor effects of targeting MMP-9 in hepatocellular carcinoma and its relation to vascular invasion markers. <i>Clinical and Experimental Metastasis</i> , 2015, 32, 479-493.	1.7	37
979	p38 MAPK Down-regulates Fibulin 3 Expression through Methylation of Gene Regulatory Sequences. <i>Journal of Biological Chemistry</i> , 2015, 290, 4383-4397.	1.6	21
980	Novel type of plasmin inhibitors: Providing insight into P4 moiety and alternative scaffold to pyrrolopyrimidine. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 3696-3704.	1.4	9
981	Synthesis, X-ray crystal structure and biological evaluation of zinc(II)-dichlorido complexes with 9-deazahypoxanthine derivatives. <i>Inorganica Chimica Acta</i> , 2015, 434, 67-73.	1.2	3
982	MicroRNA-30c negatively regulates NF- κ B signaling and cell cycle progression through downregulation of TRADD and CCNE1 in breast cancer. <i>Molecular Oncology</i> , 2015, 9, 1106-1119.	2.1	82
983	Ovarian cancer: involvement of the matrix metalloproteinases. <i>Reproduction</i> , 2015, 150, R55-R64.	1.1	74
984	High expression of protein phosphatase 4 is associated with the aggressive malignant behavior of colorectal carcinoma. <i>Molecular Cancer</i> , 2015, 14, 95.	7.9	37
985	miR-181a-5p Inhibits Cancer Cell Migration and Angiogenesis via Downregulation of Matrix Metalloproteinase-14. <i>Cancer Research</i> , 2015, 75, 2674-2685.	0.4	157
986	Systems biology of the microvasculature. <i>Integrative Biology (United Kingdom)</i> , 2015, 7, 498-512.	0.6	16
987	Breast Cancer- It's All in the DNA. , 0, , .		0
988	Inflammation and skeletal metastasis. <i>BoneKey Reports</i> , 2015, 4, 706.	2.7	24
989	Anti-tumor enhancement of Fei-Liu-Ping ointment in combination with celecoxib via cyclooxygenase-2-mediated lung metastatic inflammatory microenvironment in Lewis lung carcinoma xenograft mouse model. <i>Journal of Translational Medicine</i> , 2015, 13, 366.	1.8	19
990	Mobilization of epithelial mesenchymal transition genes distinguishes active from inactive lesional tissue in patients with ulcerative colitis. <i>Human Molecular Genetics</i> , 2015, 24, 4615-4624.	1.4	32

#	ARTICLE	IF	CITATIONS
991	Substrate-zymography: a still worthwhile method for gelatinases analysis in biological samples. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 54, 1281-90.	1.4	25
992	Bioresponsive polymeric nanotherapeutics for targeted cancer chemotherapy. <i>Nano Today</i> , 2015, 10, 656-670.	6.2	159
993	Two matrix metalloproteinase classes reciprocally regulate synaptogenesis. <i>Development (Cambridge)</i> , 2015, 143, 75-87.	1.2	37
994	Inhibition of MDA-MB-231 breast cancer cell migration and invasion activity by andrographolide via suppression of nuclear factor- κ B-dependent matrix metalloproteinase-9 expression. <i>Molecular Medicine Reports</i> , 2015, 11, 1139-1145.	1.1	40
995	GDC-0152 attenuates the malignant progression of osteosarcoma promoted by ANGPTL2 via PI3K/AKT but not p38MAPK signaling pathway. <i>International Journal of Oncology</i> , 2015, 46, 1651-1658.	1.4	29
996	Anti-angiogenic effects of <i>Siegesbeckia glabrescens</i> are mediated by suppression of the Akt and p70S6K-dependent signaling pathways. <i>Oncology Reports</i> , 2015, 33, 699-704.	1.2	12
997	ACK1 promotes hepatocellular carcinoma progression via downregulating WWOX and activating AKT signaling. <i>International Journal of Oncology</i> , 2015, 46, 2057-2066.	1.4	28
998	Ethyl gallate suppresses proliferation and invasion in human breast cancer cells via Akt-NF- κ B signaling. <i>Oncology Reports</i> , 2015, 33, 1284-1290.	1.2	25
999	<i>Ligularia fischeri</i> inhibits endothelial cell proliferation, invasion and tube formation through the inactivation of mitogenic signaling pathways and regulation of vascular endothelial cadherin distribution and matrix metalloproteinase expression. <i>Oncology Reports</i> , 2015, 34, 221-226.	1.2	7
1000	Aggressive invasion is observed in CD133 ⁺ /A2B5 ⁺ glioma-initiating cells. <i>Oncology Letters</i> , 2015, 10, 3399-3406.	0.8	15
1001	RIG-I suppresses the migration and invasion of hepatocellular carcinoma cells by regulating MMP9. <i>International Journal of Oncology</i> , 2015, 46, 1710-1720.	1.4	31
1002	Afatinib inhibits proliferation and invasion and promotes apoptosis of the T24 bladder cancer cell line. <i>Experimental and Therapeutic Medicine</i> , 2015, 9, 1851-1856.	0.8	15
1003	Fibulin-5 is upregulated in decidualized human endometrial stromal cells and promotes primary human extravillous trophoblast outgrowth. <i>Placenta</i> , 2015, 36, 1405-1411.	0.7	11
1004	microRNA-20a enhances the epithelial-to-mesenchymal transition of colorectal cancer cells by modulating matrix metalloproteinases. <i>Experimental and Therapeutic Medicine</i> , 2015, 10, 683-688.	0.8	50
1005	A Novel Therapeutic Strategy to Rescue the Immune Effector Function of Proteolytically Inactivated Cancer Therapeutic Antibodies. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 681-691.	1.9	18
1006	Tumor mechanics and metabolic dysfunction. <i>Free Radical Biology and Medicine</i> , 2015, 79, 269-280.	1.3	95
1007	Role of salivary matrix metalloproteinase-8 (MMP-8) in chronic periodontitis diagnosis. <i>Frontiers of Medicine</i> , 2015, 9, 72-76.	1.5	42
1008	Key participants of the tumor microenvironment of the prostate: An approach of the structural dynamic of cellular elements and extracellular matrix components during epithelial \rightarrow stromal transition. <i>Acta Histochemica</i> , 2015, 117, 4-13.	0.9	20

#	ARTICLE	IF	CITATIONS
1009	Prognostic significance of MMP-7 expression in colorectal cancer: A meta-analysis. <i>Cancer Epidemiology</i> , 2015, 39, 135-142.	0.8	51
1010	Angiogenin promotes tumoral growth and angiogenesis by regulating matrix metalloproteinase-2 expression via the ERK1/2 pathway. <i>Oncogene</i> , 2015, 34, 890-901.	2.6	85
1011	Matrix metalloproteinases in stem cell regulation and cancer. <i>Matrix Biology</i> , 2015, 44-46, 184-190.	1.5	152
1012	The DNA hypomethylating agent, 5-azacytidine, enhances tumor cell invasion through a transcription-dependent modulation of MMP-1 expression in human fibrosarcoma cells. <i>Molecular Carcinogenesis</i> , 2015, 54, 24-34.	1.3	14
1013	The C3G/Rap1 pathway promotes secretion of MMP-2 and MMP-9 and is involved in serous ovarian cancer metastasis. <i>Cancer Letters</i> , 2015, 359, 241-249.	3.2	54
1014	Individualized antimetastatic therapy [1]. , 2015, , 29-36.		0
1015	Primitive macrophages control HSPC mobilization and definitive haematopoiesis. <i>Nature Communications</i> , 2015, 6, 6227.	5.8	114
1016	Utilising polymers to understand diseases: advanced molecular imaging agents. <i>Polymer Chemistry</i> , 2015, 6, 868-880.	1.9	28
1017	Understanding the binding of inhibitors of matrix metalloproteinases by molecular docking, quantum mechanical calculations, molecular dynamics simulations, and a MMGBSA/MMBappl study. <i>Molecular BioSystems</i> , 2015, 11, 1041-1051.	2.9	32
1018	Innate Immune Recognition of Cancer. <i>Annual Review of Immunology</i> , 2015, 33, 445-474.	9.5	431
1019	Astrocytes facilitate melanoma brain metastasis via secretion of IL-23. <i>Journal of Pathology</i> , 2015, 236, 116-127.	2.1	95
1020	Matrix metalloproteinases in liver injury, repair and fibrosis. <i>Matrix Biology</i> , 2015, 44-46, 147-156.	1.5	344
1021	Pharmacological methyl group donors block skeletal metastasis <i>in vitro</i> and <i>in vivo</i> . <i>British Journal of Pharmacology</i> , 2015, 172, 2769-2781.	2.7	31
1022	Optimization of the tissue source, malignancy, and initial substrate of tumor cell-derived matrices to increase cancer cell chemoresistance against 5-fluorouracil. <i>Biochemical and Biophysical Research Communications</i> , 2015, 457, 353-357.	1.0	19
1023	New Insights into Antimetastatic and Antiangiogenic Effects of Cannabinoids. <i>International Review of Cell and Molecular Biology</i> , 2015, 314, 43-116.	1.6	15
1024	RAGE Mediates S100A7-Induced Breast Cancer Growth and Metastasis by Modulating the Tumor Microenvironment. <i>Cancer Research</i> , 2015, 75, 974-985.	0.4	112
1025	Stromal matrix metalloproteinase 2 regulates collagen expression and promotes the outgrowth of experimental metastases. <i>Journal of Pathology</i> , 2015, 235, 773-783.	2.1	50
1026	Resveratrol suppresses TPA-induced matrix metalloproteinase-9 expression through the inhibition of MAPK pathways in oral cancer cells. <i>Journal of Oral Pathology and Medicine</i> , 2015, 44, 699-706.	1.4	52

#	ARTICLE	IF	CITATIONS
1027	Blockade of MMP14 Activity in Murine Breast Carcinomas: Implications for Macrophages, Vessels, and Radiotherapy. <i>Journal of the National Cancer Institute</i> , 2015, 107, .	3.0	106
1028	Chemopreventive Effects of Licorice and Its Components. <i>Current Pharmacology Reports</i> , 2015, 1, 60-71.	1.5	34
1029	Kinetic characterization of 4,4'-biphenylsulfonamides as selective non-zinc binding MMP inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 947-954.	2.5	15
1030	Extracellular calumenin suppresses ERK1/2 signaling and cell migration by protecting fibulin-1 from MMP-13-mediated proteolysis. <i>Oncogene</i> , 2015, 34, 1006-1018.	2.6	34
1031	Transcriptome Analysis of Individual Stromal Cell Populations Identifies Stroma-Tumor Crosstalk in Mouse Lung Cancer Model. <i>Cell Reports</i> , 2015, 10, 1187-1201.	2.9	137
1032	The Expression of S100A4 Protein in Human Intrahepatic Cholangiocarcinoma: Clinicopathologic Significance and Prognostic Value. <i>Pathology and Oncology Research</i> , 2015, 21, 195-201.	0.9	20
1033	The Cancer Stem Cell Niche: How Essential Is the Niche in Regulating Stemness of Tumor Cells?. <i>Cell Stem Cell</i> , 2015, 16, 225-238.	5.2	1,195
1034	Apoptosis, autophagy, necroptosis, and cancer metastasis. <i>Molecular Cancer</i> , 2015, 14, 48.	7.9	730
1035	RhoC is a major target of microRNA-93-5P in epithelial ovarian carcinoma tumorigenesis and progression. <i>Molecular Cancer</i> , 2015, 14, 31.	7.9	62
1036	Piperine inhibit inflammation, alveolar bone loss and collagen fibers breakdown in a rat periodontitis model. <i>Journal of Periodontal Research</i> , 2015, 50, 758-765.	1.4	35
1037	Potential Anti-Cancer Activities and Mechanisms of Costunolide and Dehydrocostuslactone. <i>International Journal of Molecular Sciences</i> , 2015, 16, 10888-10906.	1.8	90
1038	Elevated expression levels of androgen receptors and matrix metalloproteinase-2 and -9 in 30 cases of hepatocellular carcinoma compared with adjacent tissues as predictors of cancer invasion and staging. <i>Experimental and Therapeutic Medicine</i> , 2015, 9, 905-908.	0.8	23
1039	Calumenin and fibulin-1 on tumor metastasis: Implications for pharmacology. <i>Pharmacological Research</i> , 2015, 99, 11-15.	3.1	18
1040	Adipose-derived mesenchymal stem cells promote cell proliferation and invasion of epithelial ovarian cancer. <i>Experimental Cell Research</i> , 2015, 337, 16-27.	1.2	62
1041	PRSS3 expression is associated with tumor progression and poor prognosis in epithelial ovarian cancer. <i>Gynecologic Oncology</i> , 2015, 137, 546-552.	0.6	20
1042	Iron Oxide Based Nanoparticles for Multimodal Imaging and Magneto-responsive Therapy. <i>Chemical Reviews</i> , 2015, 115, 10637-10689.	23.0	827
1043	P53 stratification reveals the prognostic utility of matrix metalloproteinase-9 protein expression in glioblastoma. <i>Neurology India</i> , 2015, 63, 399.	0.2	4
1044	Circular trimers of gelatinase B/matrix metalloproteinase-9 constitute a distinct population of functional enzyme molecules differentially regulated by tissue inhibitor of metalloproteinases-1. <i>Biochemical Journal</i> , 2015, 465, 259-270.	1.7	39

#	ARTICLE	IF	CITATIONS
1045	HGF/c-Met signaling promotes liver progenitor cell migration and invasion by an epithelial-mesenchymal transition-independent, phosphatidylinositol-3 kinase-dependent pathway in an in vitro model. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 2453-2463.	1.9	36
1046	A tumor-penetrating peptide enhances circulation-independent targeting of peritoneal carcinomatosis. <i>Journal of Controlled Release</i> , 2015, 212, 59-69.	4.8	62
1047	Polymeric hydrogels as artificial extracellular microenvironments for cancer research. <i>European Polymer Journal</i> , 2015, 72, 507-513.	2.6	18
1048	Cells deficient in base-excision repair reveal cancer hallmarks originating from adjustments to genetic instability. <i>Nucleic Acids Research</i> , 2015, 43, 3667-3679.	6.5	39
1049	Presence of Insulin-Like Growth Factor Binding Proteins Correlates With Tumor-Promoting Effects of Matrix Metalloproteinase 9 in Breast Cancer. <i>Neoplasia</i> , 2015, 17, 421-433.	2.3	28
1050	Activatable and Cell-Penetrable Multiplex FRET Nanosensor for Profiling MT1-MMP Activity in Single Cancer Cells. <i>Nano Letters</i> , 2015, 15, 5025-5032.	4.5	50
1051	TRIM29 regulates the p63-mediated pathway in cervical cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 2296-2305.	1.9	17
1052	Development of individualized anti-metastasis strategies by engineering nanomedicines. <i>Chemical Society Reviews</i> , 2015, 44, 6258-6286.	18.7	115
1053	MMP-2/9-Specific Activatable Lifetime Imaging Agent. <i>Sensors</i> , 2015, 15, 11076-11091.	2.1	6
1054	Expression of RCAS1 Correlates with Urothelial Bladder Cancer Malignancy. <i>International Journal of Molecular Sciences</i> , 2015, 16, 3783-3803.	1.8	5
1055	Prognostic significance of TIMP-2, MMP-2, and MMP-9 on high-grade serous ovarian carcinoma using digital image analysis. <i>Human Pathology</i> , 2015, 46, 739-745.	1.1	21
1056	MMP-7, MMP-8, and MMP-9 in oral and cutaneous squamous cell carcinomas. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2015, 119, 459-467.	0.2	26
1057	CIAPIN1 targets Na ⁺ /H ⁺ exchanger 1 to mediate MDA-MB-231 cells ^{x3} metastasis through regulation of MMPs via ERK1/2 signaling pathway. <i>Experimental Cell Research</i> , 2015, 333, 60-72.	1.2	11
1058	A chimeric antibody targeting CD147 inhibits hepatocellular carcinoma cell motility via FAK-PI3K-Akt-Girdin signaling pathway. <i>Clinical and Experimental Metastasis</i> , 2015, 32, 39-53.	1.7	30
1059	Increased Sushi repeat-containing protein X-linked 2 is associated with progression of colorectal cancer. <i>Medical Oncology</i> , 2015, 32, 99.	1.2	19
1060	CD14-expressing cancer cells establish the inflammatory and proliferative tumor microenvironment in bladder cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4725-4730.	3.3	83
1061	Host and tumor derived MMP13 regulate extravasation and establishment of colorectal metastases in the liver. <i>Molecular Cancer</i> , 2015, 14, 49.	7.9	38
1062	Hydrocortisone enhances the barrier properties of HBMEC/ci12, a brain microvascular endothelial cell line, through mesenchymal-to-endothelial transition-like effects. <i>Fluids and Barriers of the CNS</i> , 2015, 12, 7.	2.4	31

#	ARTICLE	IF	CITATIONS
1063	Ruthenium Polypyridyl Complex Inhibits Growth and Metastasis of Breast Cancer Cells by Suppressing FAK signaling with Enhancement of TRAIL-induced Apoptosis. <i>Scientific Reports</i> , 2015, 5, 9157.	1.6	62
1064	Arming oncolytic viruses to leverage antitumor immunity. <i>Expert Opinion on Biological Therapy</i> , 2015, 15, 959-971.	1.4	53
1065	Local adipocyte cancer cell paracrine loop: can it be more detrimental?. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2015, 21, 43-56.	0.3	18
1066	A therapeutically relevant, 3,3'-diindolylmethane derivative NGD16 attenuates angiogenesis by targeting glucose regulated protein, 78 kDa (GRP78). <i>Chemico-Biological Interactions</i> , 2015, 232, 58-67.	1.7	18
1067	An indicator-guided photo-controlled drug delivery system based on mesoporous silica/gold nanocomposites. <i>Nano Research</i> , 2015, 8, 1893-1905.	5.8	35
1068	Mammary gland development: cell fate specification, stem cells and the microenvironment. <i>Development (Cambridge)</i> , 2015, 142, 1028-1042.	1.2	343
1069	Enzymatic Degradation of Films, Particles, and Nonwoven Meshes Made of a Recombinant Spider Silk Protein. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 247-259.	2.6	56
1070	2,3,5-Trimethoxy-4-cresol, an anti-metastatic constituent from the solid-state cultured mycelium of <i>Antrodia cinnamomea</i> and its mechanism. <i>Journal of Natural Medicines</i> , 2015, 69, 513-521.	1.1	8
1071	FGF9 from cancer-associated fibroblasts is a possible mediator of invasion and anti-apoptosis of gastric cancer cells. <i>BMC Cancer</i> , 2015, 15, 333.	1.1	53
1072	Next Generation Sequencing in Cancer Research, Volume 2. , 2015, , .		4
1073	MicroRNA-490-3P targets CDK1 and inhibits ovarian epithelial carcinoma tumorigenesis and progression. <i>Cancer Letters</i> , 2015, 362, 122-130.	3.2	86
1074	Cancer-associated fibroblasts: A multifaceted driver of breast cancer progression. <i>Cancer Letters</i> , 2015, 361, 155-163.	3.2	162
1075	Solamargine inhibits migration and invasion of human hepatocellular carcinoma cells through down-regulation of matrix metalloproteinases 2 and 9 expression and activity. <i>Toxicology in Vitro</i> , 2015, 29, 893-900.	1.1	62
1076	Merging Allosteric and Active Site Binding Motifs: De novo Generation of Target Selectivity and Potency via Natural-Product-Derived Fragments. <i>ChemMedChem</i> , 2015, 10, 451-454.	1.6	35
1077	miR-29c suppresses pancreatic cancer liver metastasis in an orthotopic implantation model in nude mice and affects survival in pancreatic cancer patients. <i>Carcinogenesis</i> , 2015, 36, 676-684.	1.3	47
1078	Emerging roles for PIWI proteins in cancer. <i>Acta Biochimica Et Biophysica Sinica</i> , 2015, 47, 315-324.	0.9	49
1079	Identification of molecular determinants of primary and metastatic tumour re-initiation in breast cancer. <i>Nature Cell Biology</i> , 2015, 17, 651-664.	4.6	63
1080	Surviving at a Distance: Organ-Specific Metastasis. <i>Trends in Cancer</i> , 2015, 1, 76-91.	3.8	419

#	ARTICLE	IF	CITATIONS
1081	Identification of tumour-reactive lymphatic endothelial cells capable of inducing progression of gastric cancer. <i>British Journal of Cancer</i> , 2015, 113, 1046-1054.	2.9	17
1082	Ratio of Active Matrix Metalloproteinases and Proenzymes during Growth and Metastasizing of Mouse Lewis Lung Adenocarcinoma. <i>Bulletin of Experimental Biology and Medicine</i> , 2015, 159, 486-489.	0.3	0
1083	Anti-angiogenic properties of coenzyme Q0 through downregulation of MMP-9/NF- κ B and upregulation of HO-1 signaling in TNF- α -activated human endothelial cells. <i>Biochemical Pharmacology</i> , 2015, 98, 144-156.	2.0	37
1084	Hydrophilic extract from <i>Posidonia oceanica</i> inhibits activity and expression of gelatinases and prevents HT1080 human fibrosarcoma cell line invasion. <i>Cell Adhesion and Migration</i> , 2015, 9, 422-431.	1.1	23
1085	HCS Campaign to Identify Selective Inhibitors of IL-6-Induced STAT3 Pathway Activation in Head and Neck Cancer Cell Lines. <i>Assay and Drug Development Technologies</i> , 2015, 13, 356-376.	0.6	24
1086	Il-6 signaling between ductal carcinoma in situ cells and carcinoma-associated fibroblasts mediates tumor cell growth and migration. <i>BMC Cancer</i> , 2015, 15, 584.	1.1	76
1088	Tumor cell survival pathways activated by photodynamic therapy: a molecular basis for pharmacological inhibition strategies. <i>Cancer and Metastasis Reviews</i> , 2015, 34, 643-690.	2.7	191
1089	SiRNA Directed Against Annexin II Receptor Inhibits Angiogenesis via Suppressing MMP2 and MMP9 Expression. <i>Cellular Physiology and Biochemistry</i> , 2015, 35, 875-884.	1.1	29
1090	Myofibroblasts from salivary gland adenoid cystic carcinomas promote cancer invasion by expressing MMP-2 and CXCL12 . <i>Histopathology</i> , 2015, 66, 781-790.	1.6	17
1091	Fibroblasts support migration of monocyte-derived dendritic cells by secretion of PGE_2 and MMP-1 . <i>Experimental Dermatology</i> , 2015, 24, 598-604.	1.4	20
1092	Design of dual MMP-2/HDAC-8 inhibitors by pharmacophore mapping, molecular docking, synthesis and biological activity. <i>RSC Advances</i> , 2015, 5, 72373-72386.	1.7	53
1093	Mathematical framework for activity-based cancer biomarkers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12627-12632.	3.3	50
1094	Cancer cell-derived IL-8 induces monocytic THP1 cells to secrete IL-8 via the mitogen-activated protein kinase pathway. <i>Tumor Biology</i> , 2015, 36, 9171-9177.	0.8	6
1095	Dysfunctional Antibodies in the Tumor Microenvironment Associate with Impaired Anticancer Immunity. <i>Clinical Cancer Research</i> , 2015, 21, 5380-5390.	3.2	19
1096	Obesity and cancer phenotype: Is angiogenesis a missed link?. <i>Life Sciences</i> , 2015, 139, 16-23.	2.0	13
1097	MMP-9/RECK Imbalance: A Mechanism Associated with High-Grade Cervical Lesions and Genital Infection by Human Papillomavirus and <i>Chlamydia trachomatis</i> . <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 1539-1547.	1.1	28
1098	Triptolide Inhibits Lung Cancer Cell Migration, Invasion, and Metastasis. <i>Annals of Thoracic Surgery</i> , 2015, 100, 1817-1825.	0.7	84
1099	Enzyme sensitive, surface engineered nanoparticles for enhanced delivery of camptothecin. <i>Journal of Controlled Release</i> , 2015, 216, 111-120.	4.8	47

#	ARTICLE	IF	CITATIONS
1100	Potential role of differentially expressed lncRNAs in the pathogenesis of oral squamous cell carcinoma. <i>Archives of Oral Biology</i> , 2015, 60, 1581-1587.	0.8	40
1101	Different roles of GPR120 and GPR40 in the acquisition of malignant properties in pancreatic cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 512-515.	1.0	34
1102	Inhibition of Invasion in Pancreatic Cancer Cells by Conjugate of EPA with $\hat{I}^2^{3,3}$ -Pip-OH via PI3K/Akt/NF-kB Pathway. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 1071-1074.	1.3	18
1103	High-throughput protease activity cytometry reveals dose-dependent heterogeneity in PMA-mediated ADAM17 activation. <i>Integrative Biology (United Kingdom)</i> , 2015, 7, 513-524.	0.6	18
1104	Inhibitory Effects of Isorhamnetin on the Invasion of Human Breast Carcinoma Cells by Downregulating the Expression and Activity of Matrix Metalloproteinase-2/9. <i>Nutrition and Cancer</i> , 2015, 67, 1191-1200.	0.9	31
1105	Identification of matrix metalloproteinase inhibitors by chemical arrays. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 1597-1602.	0.6	7
1106	Effect of aluminium on migration of oestrogen unresponsive MDA-MB-231 human breast cancer cells in culture. <i>Journal of Inorganic Biochemistry</i> , 2015, 152, 180-185.	1.5	28
1107	Targeting of MMP2 activity in malignant tumors with a ^{68}Ca -labeled gelatinase inhibitor cyclic peptide. <i>Nuclear Medicine and Biology</i> , 2015, 42, 939-944.	0.3	10
1108	Stimuli-responsive nanoparticles for targeting the tumor microenvironment. <i>Journal of Controlled Release</i> , 2015, 219, 205-214.	4.8	271
1109	Enzymatically Triggered, Isothermally Responsive Polymers: Reprogramming Poly(oligoethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2.6 13		
1110	Perioperative propofol-paravertebral anesthesia decreases the metastasis and progression of breast cancer. <i>Tumor Biology</i> , 2015, 36, 8259-8266.	0.8	17
1111	Epithelialâ€mesenchymal transition in prostatic disease. <i>Future Oncology</i> , 2015, 11, 3197-3206.	1.1	26
1112	Matrix Metalloproteinase Mediated Type I Collagen Degradation â€” An Independent Risk Factor for Mortality in Women. <i>EBioMedicine</i> , 2015, 2, 723-729.	2.7	23
1113	Potential roles of matrix metalloproteinases and characteristics of ovarian development in neonatal guinea pigs. <i>Tissue and Cell</i> , 2015, 47, 478-488.	1.0	2
1114	Maresin is a novel angiogenesis inhibitor: Regulatory effect and molecular mechanism on endothelial cell fate and angiogenesis. <i>Cancer Letters</i> , 2015, 369, 323-330.	3.2	22
1115	MicroRNA-22 inhibits tumor growth and metastasis in gastric cancer by directly targeting MMP14 and Snail. <i>Cell Death and Disease</i> , 2015, 6, e2000-e2000.	2.7	98
1116	Marine Sponge Derived Antiangiogenic Compounds. , 2015, , 29-58.		2
1117	Long-term exposures to low doses of cobalt nanoparticles induce cell transformation enhanced by oxidative damage. <i>Nanotoxicology</i> , 2015, 9, 138-147.	1.6	52

#	ARTICLE	IF	CITATIONS
1118	Inhibitory effects of kaempferol on the invasion of human breast carcinoma cells by downregulating the expression and activity of matrix metalloproteinase-9. <i>Biochemistry and Cell Biology</i> , 2015, 93, 16-27.	0.9	85
1119	Sentinel lymph node metastases in cancer: Causes, detection and their role in disease progression. <i>Seminars in Cell and Developmental Biology</i> , 2015, 38, 106-116.	2.3	51
1120	Immunoprotective potential of a <i>Rhipicephalus (Boophilus) microplus</i> metalloprotease. <i>Veterinary Parasitology</i> , 2015, 207, 107-114.	0.7	54
1121	Hepatitis C virus NS3 protein enhances cancer cell invasion by activating matrix metalloproteinase-9 and cyclooxygenase-2 through ERK/p38/NF- κ B signal cascade. <i>Cancer Letters</i> , 2015, 356, 470-478.	3.2	44
1122	Novel Mechanism of Macrophage-Mediated Metastasis Revealed in a Zebrafish Model of Tumor Development. <i>Cancer Research</i> , 2015, 75, 306-315.	0.4	117
1123	Design and synthesis of potent hydroxamate inhibitors with increased selectivity within the gelatinase family. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 142-156.	1.5	14
1124	Anti-metastatic and pro-apoptotic effects elicited by combination photodynamic therapy with sonodynamic therapy on breast cancer both in vitro and in vivo. <i>Ultrasonics Sonochemistry</i> , 2015, 23, 116-127.	3.8	98
1125	TIMP3 controls cell fate to confer hepatocellular carcinoma resistance. <i>Oncogene</i> , 2015, 34, 4098-4108.	2.6	20
1126	Tropomodulin 1 Expression Driven by NF- κ B Enhances Breast Cancer Growth. <i>Cancer Research</i> , 2015, 75, 62-72.	0.4	29
1127	CRKL promotes lung cancer cell invasion through ERK/MMP9 pathway. <i>Molecular Carcinogenesis</i> , 2015, 54, E35-44.	1.3	40
1128	<i>Gynecologic Oncology</i> , 2015, , .		2
1129	Matrix metalloproteinases and genetic mouse models in cancer research: a mini-review. <i>Tumor Biology</i> , 2015, 36, 163-175.	0.8	42
1130	Increased metabolites of 5-lipoxygenase from hypoxic ovarian cancer cells promote tumor-associated macrophage infiltration. <i>Oncogene</i> , 2015, 34, 1241-1252.	2.6	82
1131	Ion channels and transporters in metastasis. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2638-2646.	1.4	63
1132	Wharton's Jelly human Mesenchymal Stem Cell contact guidance by noisy nanotopographies. <i>Scientific Reports</i> , 2014, 4, 3830.	1.6	16
1133	HAb18G/CD147 is involved in TGF β -induced epithelial-mesenchymal transition and hepatocellular carcinoma invasion. <i>Cell Biology International</i> , 2015, 39, 44-51.	1.4	32
1134	Targeting of DNA Damage Signaling Pathway Induced Senescence and Reduced Migration of Cancer cells. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 701-713.	1.7	16
1135	MiR-130b suppresses prostate cancer metastasis through downregulation of MMP2. <i>Molecular Carcinogenesis</i> , 2015, 54, 1292-1300.	1.3	62

#	ARTICLE	IF	CITATIONS
1136	Chondrocyte responses to neurovascular peptides, cytokines, and a 3D environment: focus on ADAMs. Metalloproteinases in Medicine, 2016, Volume 3, 63-74.	1.0	0
1137	Matrix metalloproteinase-2 regulates MDA-MB-231 breast cancer cell invasion induced by active mammalian diaphanous-related formin 1. Molecular Medicine Reports, 2016, 14, 277-282.	1.1	18
1138	Effects of Chrysotile Exposure in Human Bronchial Epithelial Cells: Insights into the Pathogenic Mechanisms of Asbestos-Related Diseases. Environmental Health Perspectives, 2016, 124, 776-784.	2.8	19
1139	Engineering of stimuli-sensitive nanopreparations to overcome physiological barriers and cancer multidrug resistance. , 2016, , 1-28.		6
1140	Tumour progression and metastasis. Ecancermedicalsecience, 2016, 10, 617.	0.6	57
1141	A Novel Role of Cab45-G in Mediating Cell Migration in Cancer Cells. International Journal of Biological Sciences, 2016, 12, 677-687.	2.6	15
1142	Are salty liquid food flavorings in vitro antitumor substances?. Anais Da Academia Brasileira De Ciencias, 2016, 88, 1419-1430.	0.3	6
1143	Dehydropeptidase 1 promotes metastasis through regulation of E-cadherin expression in colon cancer. Oncotarget, 2016, 7, 9501-9512.	0.8	24
1144	Casticin Inhibits A375.S2 Human Melanoma Cell Migration/Invasion through Downregulating NF- κ B and Matrix Metalloproteinase-2 and -1. Molecules, 2016, 21, 384.	1.7	20
1145	Neutrophil-Derived Proteases in the Microenvironment of Pancreatic Cancer -Active Players in Tumor Progression. International Journal of Biological Sciences, 2016, 12, 302-313.	2.6	83
1146	Blood-brain Barrier Remodeling during Brain Metastasis Formation. Molecular Medicine, 2016, 22, 32-40.	1.9	58
1147	Evidence that vitronectin is a potent migration-enhancing factor for cancer cells chaperoned by fibrinogen: a novel view of the metastasis of cancer cells to low-fibrinogen lymphatics and body cavities. Oncotarget, 2016, 7, 69829-69843.	0.8	21
1148	Changes in cellular mechanical properties during onset or progression of colorectal cancer. World Journal of Gastroenterology, 2016, 22, 7203.	1.4	55
1149	Proteolysis-a characteristic of tumor-initiating cells in murine metastatic breast cancer. Oncotarget, 2016, 7, 58244-58260.	0.8	9
1150	Matrix Metalloproteinases: New Targets in Cancer Therapy. Journal of Cancer Science & Therapy, 2016, 8, .	1.7	9
1151	Periploca forrestii Saponin Ameliorates Murine CFA-Induced Arthritis by Suppressing Cytokine Production. Mediators of Inflammation, 2016, 2016, 1-11.	1.4	12
1152	Lipoxin A ₄ Attenuates Cell Invasion by Inhibiting ROS/ERK/MMP Pathway in Pancreatic Cancer. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-9.	1.9	37
1153	Matrix Metalloproteinase 9 in Epilepsy: The Role of Neuroinflammation in Seizure Development. Mediators of Inflammation, 2016, 2016, 1-14.	1.4	62

#	ARTICLE	IF	CITATIONS
1154	Immune Cells in Cancer Therapy and Drug Delivery. <i>Mediators of Inflammation</i> , 2016, 2016, 1-13.	1.4	26
1155	<i>Hericium erinaceus</i> Inhibits TNF- α -Induced Angiogenesis and ROS Generation through Suppression of MMP-9/NF- κ B Signaling and Activation of Nrf2-Mediated Antioxidant Genes in Human EA.hy926 Endothelial Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-15.	1.9	18
1156	Oral fluid matrix metalloproteinase (MMP)-8 as a diagnostic tool in chronic periodontitis. <i>Metalloproteinases in Medicine</i> , 0, , 11.	1.0	5
1157	Matrix metalloproteinases as potential fecal biomarkers for ulcerative colitis – a function beyond their proteolytic activity. <i>Metalloproteinases in Medicine</i> , 2016, , 19.	1.0	2
1158	MLK3 Signaling in Cancer Invasion. <i>Cancers</i> , 2016, 8, 51.	1.7	35
1159	Survivin Modulates Squamous Cell Carcinoma-Derived Stem-Like Cell Proliferation, Viability and Tumor Formation in Vivo. <i>International Journal of Molecular Sciences</i> , 2016, 17, 89.	1.8	12
1160	Stimuli-Responsive Gold Nanoparticles for Cancer Diagnosis and Therapy. <i>Journal of Functional Biomaterials</i> , 2016, 7, 19.	1.8	32
1161	Extract of <i>Monascus purpureus</i> CWT715 Fermented from Sorghum Liquor Biowaste Inhibits Migration and Invasion of SK-Hep-1 Human Hepatocarcinoma Cells. <i>Molecules</i> , 2016, 21, 1691.	1.7	12
1162	A Guide to Magnetic Tweezers and Their Applications. <i>Frontiers in Physics</i> , 2016, 4, .	1.0	71
1163	The Promise of Genomics and the Development of Targeted Therapies for Cutaneous Squamous Cell Carcinoma. <i>Acta Dermato-Venereologica</i> , 2016, 96, 3-16.	0.6	46
1164	Recent Advances in Photoacoustic Imaging for Deep-Tissue Biomedical Applications. <i>Theranostics</i> , 2016, 6, 2394-2413.	4.6	213
1165	Fibroblasts, an inconspicuous but essential player in colon cancer development and progression. <i>World Journal of Gastroenterology</i> , 2016, 22, 5301.	1.4	39
1166	Is Extracellular Matrix a Castle Against to Invasion of Cancer Cells?. , 0, , .		4
1167	Volatile oil from <i>Saussurea lappa</i> exerts antitumor efficacy by inhibiting epithelial growth factor receptor tyrosine kinase-mediated signaling pathway in hepatocellular carcinoma. <i>Oncotarget</i> , 2016, 7, 79761-79773.	0.8	12
1168	Muscle-derived matrix metalloproteinase regulates stem cell proliferation in planarians. <i>Developmental Dynamics</i> , 2016, 245, 963-970.	0.8	15
1169	A potent immunotoxin targeting fibroblast activation protein for treatment of breast cancer in mice. <i>International Journal of Cancer</i> , 2016, 138, 1013-1023.	2.3	91
1170	Hybrid Nanoparticles as Drug Carriers for Controlled Chemotherapy of Cancer. <i>Chemical Record</i> , 2016, 16, 1833-1851.	2.9	19
1171	Visfatin Triggers the Cell Motility of Non-small Cell Lung Cancer via Up-regulation of Matrix Metalloproteinases. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 119, 548-554.	1.2	24

#	ARTICLE	IF	CITATIONS
1172	Interplay Between MMP-9 and TIMP-2 Regulates Ameloblastoma Behavior and Tooth Morphogenesis. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2016, 24, 364-372.	0.6	6
1173	Matrix metalloproteinase-2 in oncostatin M-induced sarcomere degeneration in cardiomyocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H183-H189.	1.5	16
1174	Epb41l3 suppresses esophageal squamous cell carcinoma invasion and inhibits MMP2 and MMP9 expression. <i>Cell Biochemistry and Function</i> , 2016, 34, 133-141.	1.4	19
1175	Downregulation of TIMP2 by HIF-1 α /miR-210/HIF-3 α regulatory feedback circuit enhances cancer metastasis in hepatocellular carcinoma. <i>Hepatology</i> , 2016, 64, 473-487.	3.6	96
1176	Tumor Cell Invasion – Not All Barriers Are Created Equal. <i>Cancer Research</i> , 2016, 76, 1675-1676.	0.4	2
1177	Tissue Inhibitor of Metalloproteinase-1 Is Confined to Tumor-Associated Myofibroblasts and Is Increased With Progression in Gastric Adenocarcinoma. <i>Journal of Histochemistry and Cytochemistry</i> , 2016, 64, 483-494.	1.3	28
1178	Elevated matrix metalloproteinase-9 expression may contribute to the pathogenesis of bladder cancer. <i>Oncology Letters</i> , 2016, 11, 2213-2222.	0.8	13
1179	Somatic Mutation Theory - Why it's Wrong for Most Cancers. <i>Cellular Physiology and Biochemistry</i> , 2016, 38, 1663-1680.	1.1	65
1180	Inflammatory fibroblasts in cancer. <i>Archives of Pharmacal Research</i> , 2016, 39, 1021-1031.	2.7	30
1181	Negative effects of G-protein-coupled free fatty acid receptor GPR40 on cell migration and invasion in fibrosarcoma HT1080 cells. <i>Molecular Carcinogenesis</i> , 2016, 55, 1553-1559.	1.3	13
1182	Metalloproteinases ADAM12 and MMP-14 are associated with cavernous sinus invasion in pituitary adenomas. <i>International Journal of Cancer</i> , 2016, 139, 1327-1339.	2.3	32
1184	An overview on the role of dietary phenolics for the treatment of cancers. <i>Nutrition Journal</i> , 2016, 15, 99.	1.5	323
1185	Membrane type 1-matrix metalloproteinase induces epithelial-to-mesenchymal transition in esophageal squamous cell carcinoma: Observations from clinical and in vitro analyses. <i>Scientific Reports</i> , 2016, 6, 22179.	1.6	45
1186	Functional exploration of colorectal cancer genomes using <i>Drosophila</i> . <i>Nature Communications</i> , 2016, 7, 13615.	5.8	82
1187	Comparison of MMP2 and MMP9 expression levels between primary and metastatic regions of oral squamous cell carcinoma. <i>Journal of Oral Science</i> , 2016, 58, 59-65.	0.7	29
1188	Total antioxidant intake and prostate cancer in the Cancer of the Prostate in Sweden (CAPS) study. A case control study. <i>BMC Cancer</i> , 2016, 16, 438.	1.1	16
1189	Celecoxib suppresses fibroblast growth factor-2 expression in pancreatic ductal adenocarcinoma PANC-1 cells. <i>Oncology Reports</i> , 2016, 36, 1345-1352.	1.2	7
1190	The Interaction Between Human Papillomaviruses and the Stromal Microenvironment. <i>Progress in Molecular Biology and Translational Science</i> , 2016, 144, 169-238.	0.9	21

#	ARTICLE	IF	CITATIONS
1191	Depletion of SENP1 suppresses the proliferation and invasion of triple-negative breast cancer cells. <i>Oncology Reports</i> , 2016, 36, 2071-2078.	1.2	31
1192	LIMK Regulates Tumor-Cell Invasion and Matrix Degradation Through Tyrosine Phosphorylation of MT1-MMP. <i>Scientific Reports</i> , 2016, 6, 24925.	1.6	54
1193	Targeting the PI3K/AKT/mTOR pathway overcomes the stimulating effect of dabrafenib on the invasive behavior of melanoma cells with acquired resistance to the BRAF inhibitor. <i>International Journal of Oncology</i> , 2016, 49, 1164-1174.	1.4	52
1194	Fentanyl inhibits the progression of human gastric carcinoma MGC-803 cells by modulating NF- κ B-dependent gene expression in vivo. <i>Oncology Letters</i> , 2016, 12, 563-571.	0.8	19
1195	Nitidine chloride inhibits ovarian cancer cell migration and invasion by suppressing MMP-2/9 production via the ERK signaling pathway. <i>Molecular Medicine Reports</i> , 2016, 13, 3161-3168.	1.1	24
1196	Sol narae (Sona) is a <i>Drosophila</i> ADAMTS involved in Wg signaling. <i>Scientific Reports</i> , 2016, 6, 31863.	1.6	11
1197	Non-small cell lung cancer is characterised by a distinct inflammatory signature in serum compared with chronic obstructive pulmonary disease. <i>Clinical and Translational Immunology</i> , 2016, 5, e109.	1.7	26
1198	SOD2 deregulation enhances migration, invasion and has poor prognosis in salivary adenoid cystic carcinoma. <i>Scientific Reports</i> , 2016, 6, 25918.	1.6	40
1199	Metalloproteinases: a Functional Pathway for Myeloid Cells. <i>Microbiology Spectrum</i> , 2016, 4, .	1.2	20
1200	Targeting the Epithelial-to-Mesenchymal Transition: The Case for Differentiation-Based Therapy. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2016, 81, 11-19.	2.0	51
1202	PS341 inhibits hepatocellular and colorectal cancer cells through the FOXO3/CTNNB1 signaling pathway. <i>Scientific Reports</i> , 2016, 6, 22090.	1.6	32
1203	5-Azacytidine regulates matrix metalloproteinase-9 expression, and the migration and invasion of human fibrosarcoma HT1080 cells via PI3-kinase and ERK1/2 pathways. <i>International Journal of Oncology</i> , 2016, 49, 1241-1247.	1.4	8
1204	Cancer " Proteases in the Progression and Metastasis. , 2016, , 753-762.		0
1205	Regulation of Cell Migration. , 2016, , 208-215.		2
1206	<i>Drosophila</i> Lung Cancer Models Identify Trametinib plus Statin as Candidate Therapeutic. <i>Cell Reports</i> , 2016, 14, 1477-1487.	2.9	88
1207	Matrix metalloproteinases (MMPs), the main extracellular matrix (ECM) enzymes in collagen degradation, as a target for anticancer drugs. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 177-183.	2.5	692
1208	Design, synthesis and antimetastatic evaluation of 1-benzothiazolylphenylbenzotriazoles for photodynamic therapy in oral cancer cells. <i>MedChemComm</i> , 2016, 7, 1151-1158.	3.5	6
1209	Cortactin and Exo70 mediated invasion of hepatoma carcinoma cells by MMP-9 secretion. <i>Molecular Biology Reports</i> , 2016, 43, 407-414.	1.0	11

#	ARTICLE	IF	CITATIONS
1210	Mutant p53 proteins alter cancer cell secretome and tumour microenvironment: Involvement in cancer invasion and metastasis. <i>Cancer Letters</i> , 2016, 376, 303-309.	3.2	57
1211	Regulation of a TGF- β 1-CD147 self-sustaining network in the differentiation plasticity of hepatocellular carcinoma cells. <i>Oncogene</i> , 2016, 35, 5468-5479.	2.6	40
1212	Hyaluronan in cancer – from the naked mole rat to nanoparticle therapy. <i>Soft Matter</i> , 2016, 12, 3841-3848.	1.2	30
1213	Essential role of miRNAs in orchestrating the biology of the tumor microenvironment. <i>Molecular Cancer</i> , 2016, 15, 42.	7.9	49
1214	Malignant gliomas induce and exploit astrocytic mesenchymal-like transition by activating canonical Wnt/ β -catenin signaling. <i>Medical Oncology</i> , 2016, 33, 66.	1.2	18
1215	Cell death control by matrix metalloproteinases in tomato. <i>Plant Physiology</i> , 2016, 171, pp.00513.2016.	2.3	26
1216	Elevated MTSS1 expression associated with metastasis and poor prognosis of residual hepatitis B-related hepatocellular carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2016, 35, 85.	3.5	26
1217	Glycosylation of matrix metalloproteases and tissue inhibitors: present state, challenges and opportunities. <i>Biochemical Journal</i> , 2016, 473, 1471-1482.	1.7	49
1218	Matrix metalloproteinase (MMP) -2, -7 and -9 promoter polymorphisms in colorectal cancer in ethnic Kashmiri population – A case-control study and a mini review. <i>Gene</i> , 2016, 589, 81-89.	1.0	41
1219	Human lymphatic endothelial cells contribute to epithelial ovarian carcinoma metastasis by promoting lymphangiogenesis and tumour cell invasion. <i>Experimental and Therapeutic Medicine</i> , 2016, 11, 1587-1594.	0.8	7
1220	Genomics of SCC: Tumor Formation, Progression, and Future Therapeutic Implications for High-Risk Cutaneous Squamous Cell Carcinoma. , 2016, , 67-102.		1
1221	Tumor microenvironment-specific nanoparticles activatable by stepwise transformation. <i>Journal of Controlled Release</i> , 2016, 234, 68-78.	4.8	25
1222	Three-Dimensional High-Throughput Cell Encapsulation Platform to Study Changes in Cell-Matrix Interactions. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 21914-21922.	4.0	42
1223	Thioredoxin fusion construct enables high-yield production of soluble, active matrix metalloproteinase-8 (MMP-8) in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2016, 122, 64-71.	0.6	11
1224	Intracellular Wnt/Beta-Catenin Signaling Underlying 17beta-Estradiol-Induced Matrix Metalloproteinase 9 Expression in Human Endometriosis1. <i>Biology of Reproduction</i> , 2016, 94, 70.	1.2	27
1225	Plasmin inhibitors with hydrophobic amino acid-based linker between hydantoin moiety and benzimidazole scaffold enhance inhibitory activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2259-2261.	1.0	8
1226	Antitumor and Antimetastasis Activities of Heparin-based Micelle Served As Both Carrier and Drug. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 9577-9589.	4.0	66
1227	Hyperoside exerts anti-inflammatory and anti-arthritic effects in LPS-stimulated human fibroblast-like synoviocytes in vitro and in mice with collagen-induced arthritis. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 674-686.	2.8	63

#	ARTICLE	IF	CITATIONS
1228	Cardiotoxin III suppresses the invasiveness of MDA-MB-231 cells by targeting proto-oncogene tyrosine-protein kinase Src and reversing mesenchymal-to-epithelial transition. <i>Toxicological and Environmental Chemistry</i> , 2016, 98, 942-958.	0.6	0
1229	Berberine induces neuronal differentiation through inhibition of cancer stemness and epithelial-mesenchymal transition in neuroblastoma cells. <i>Phytomedicine</i> , 2016, 23, 736-744.	2.3	73
1230	Targeting the tumor microenvironment: removing obstruction to anticancer immune responses and immunotherapy. <i>Annals of Oncology</i> , 2016, 27, 1482-1492.	0.6	765
1231	Neutrophils Suppress Intraluminal NK Cell-Mediated Tumor Cell Clearance and Enhance Extravasation of Disseminated Carcinoma Cells. <i>Cancer Discovery</i> , 2016, 6, 630-649.	7.7	369
1232	Rac1/Catenin Signalling Pathway Contributes to Trophoblast Cell Invasion by Targeting Snail and MMP9. <i>Cellular Physiology and Biochemistry</i> , 2016, 38, 1319-1332.	1.1	32
1233	Tumor-infiltrating monocytes/macrophages promote tumor invasion and migration by upregulating S100A8 and S100A9 expression in cancer cells. <i>Oncogene</i> , 2016, 35, 5735-5745.	2.6	151
1234	Molecular Signaling in Oral Cancer Invasion and Metastasis. , 2016, , 71-99.		1
1235	MicroRNA-106a functions as an oncogene in human gastric cancer and contributes to proliferation and metastasis in vitro and in vivo. <i>Clinical and Experimental Metastasis</i> , 2016, 33, 509-519.	1.7	16
1236	Procathepsin E is highly abundant but minimally active in pancreatic ductal adenocarcinoma tumors. <i>Biological Chemistry</i> , 2016, 397, 871-881.	1.2	10
1237	High-Risk Cutaneous Squamous Cell Carcinoma. , 2016, , .		5
1238	The role of lymphangiogenesis and angiogenesis in tumor metastasis. <i>Cellular Oncology (Dordrecht)</i> , 2016, 39, 397-410.	2.1	232
1239	Tumor microenvironment: The culprit for ovarian cancer metastasis?. <i>Cancer Letters</i> , 2016, 377, 174-182.	3.2	149
1240	Different effects of GPR120 and GPR40 on cellular functions stimulated by 12-O-tetradecanoylphorbol-13-acetate in melanoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 475, 25-30.	1.0	19
1241	Antimetastatic activity of novel ruthenium (<sc>III</sc>) pyridine complexes. <i>Cancer Medicine</i> , 2016, 5, 2850-2860.	1.3	23
1242	Paris saponin VII suppresses osteosarcoma cell migration and invasion by inhibiting MMP-2/9 production via the p38 MAPK signaling pathway. <i>Molecular Medicine Reports</i> , 2016, 14, 3199-3205.	1.1	38
1243	<sc>R</sc>ole of pulmonary macrophages in initiation of lung metastasis in anaplastic thyroid cancer. <i>International Journal of Cancer</i> , 2016, 139, 2583-2592.	2.3	23
1244	3-Hydroxyflavone inhibits human osteosarcoma U2OS and 143B cells metastasis by affecting EMT and repressing u-PA/MMP-2 via FAK-Src to MEK/ERK and RhoA/MLC2 pathways and reduces 143B tumor growth in vivo. <i>Food and Chemical Toxicology</i> , 2016, 97, 177-186.	1.8	42
1245	Abnormal activation of calpain and protein kinase C± promotes a constitutive release of matrix metalloproteinase 9 in peripheral blood mononuclear cells from cystic fibrosis patients. <i>Archives of Biochemistry and Biophysics</i> , 2016, 604, 103-112.	1.4	13

#	ARTICLE	IF	CITATIONS
1246	Profile of MMP and TIMP Expression in Human Pancreatic Stellate Cells: Regulation by IL-1 β and TGF β ² and Implications for Migration of Pancreatic Cancer Cells. <i>Neoplasia</i> , 2016, 18, 447-456.	2.3	47
1247	Breast cancer cells mechanosensing in engineered matrices: Correlation with aggressive phenotype. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 61, 208-220.	1.5	13
1248	Ameloblastoma vs basal cell carcinoma: an immunohistochemical comparison. <i>Annals of Diagnostic Pathology</i> , 2016, 25, 79-84.	0.6	1
1249	Culture of Tumorigenic Cells on Protein Fibers Reveals Metastatic Cell Behaviors. <i>Biomacromolecules</i> , 2016, 17, 3790-3799.	2.6	4
1250	Plasticity of Cancer Cell Invasion—Mechanisms and Implications for Therapy. <i>Advances in Cancer Research</i> , 2016, 132, 209-264.	1.9	71
1251	Tumor macrophages are pivotal constructors of tumor collagenous matrix. <i>Journal of Experimental Medicine</i> , 2016, 213, 2315-2331.	4.2	253
1253	10-Gingerol inhibits proliferation and invasion of MDA-MB-231 breast cancer cells through suppression of Akt and p38MAPK activity. <i>Oncology Reports</i> , 2016, 35, 779-784.	1.2	60
1254	2-Deoxy glucose regulate MMP-9 in a SIRT-1-dependent and NF κ B-independent mechanism. <i>Molecular and Cellular Biochemistry</i> , 2016, 423, 197-206.	1.4	11
1255	Diverse roles of miR-335 in development and progression of cancers. <i>Tumor Biology</i> , 2016, 37, 15399-15410.	0.8	23
1256	Suppression of Ubiquitin-Specific Peptidase 17 (USP17) Inhibits Tumorigenesis and Invasion in Non-Small Cell Lung Cancer Cells. <i>Oncology Research</i> , 2016, 24, 263-269.	0.6	21
1257	Plasticity of tumor cell invasion: governance by growth factors and cytokines. <i>Carcinogenesis</i> , 2016, 37, bgw098.	1.3	61
1258	TIM-3 promotes the metastasis of esophageal squamous cell carcinoma by targeting epithelial-mesenchymal transition via the Akt/GSK-3 β /Snail signaling pathway. <i>Oncology Reports</i> , 2016, 36, 1551-1561.	1.2	43
1259	Cellular and Molecular Mechanisms of MT1-MMP-Dependent Cancer Cell Invasion. <i>Annual Review of Cell and Developmental Biology</i> , 2016, 32, 555-576.	4.0	188
1260	Protease-Responsive Prodrug with Aggregation-Induced Emission Probe for Controlled Drug Delivery and Drug Release Tracking in Living Cells. <i>Analytical Chemistry</i> , 2016, 88, 8913-8919.	3.2	84
1261	Silencing KRAS Overexpression in Cadmium-Transformed Prostate Epithelial Cells Mitigates Malignant Phenotype. <i>Chemical Research in Toxicology</i> , 2016, 29, 1458-1467.	1.7	18
1262	Chemokines accentuating protumoral activities in oral cancer microenvironment possess an imperious stratagem for therapeutic resolutions. <i>Oral Oncology</i> , 2016, 60, 8-17.	0.8	18
1263	ZMYND8 Reads the Dual Histone Mark H3K4me1-H3K14ac to Antagonize the Expression of Metastasis-Linked Genes. <i>Molecular Cell</i> , 2016, 63, 470-484.	4.5	112
1264	Siderophores as molecular tools in medical and environmental applications. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 8212-8227.	1.5	79

#	ARTICLE	IF	CITATIONS
1265	Tumor-associated macrophages induce capillary morphogenesis of lymphatic endothelial cells derived from human gastric cancer. <i>Cancer Science</i> , 2016, 107, 1101-1109.	1.7	20
1266	TM4SF1 Regulates Pancreatic Cancer Migration and Invasion In Vitro and In Vivo. <i>Cellular Physiology and Biochemistry</i> , 2016, 39, 740-750.	1.1	42
1267	Impact by pancreatic stellate cells on epithelial-mesenchymal transition and pancreatic cancer cell invasion: Adding a third dimension in vitro. <i>Experimental Cell Research</i> , 2016, 346, 206-215.	1.2	32
1268	<i>Actinidia chinensis</i> Planch root extract (acRoots) inhibits hepatocellular carcinoma progression by inhibiting EP3 expression. <i>Cell Biology and Toxicology</i> , 2016, 32, 499-511.	2.4	32
1269	Synthesis and in Vitro and in Vivo Evaluation of MMP-12 Selective Optical Probes. <i>Bioconjugate Chemistry</i> , 2016, 27, 2407-2417.	1.8	26
1270	Modular Design and Facile Synthesis of Enzyme-Responsive Peptide-Linked Block Copolymers for Efficient Delivery of Doxorubicin. <i>Biomacromolecules</i> , 2016, 17, 3268-3276.	2.6	52
1271	The crucial role of emilin 1 gene expression during progression of tumor growth. <i>Journal of Cancer Research and Clinical Oncology</i> , 2016, 142, 2397-2402.	1.2	14
1272	The Senescence-Associated Secretory Phenotype: Critical Effector in Skin Cancer and Aging. <i>Journal of Investigative Dermatology</i> , 2016, 136, 2133-2139.	0.3	109
1273	Deficiency in matrix metalloproteinase-2 results in long-term vascular instability and regression in the injured mouse spinal cord. <i>Experimental Neurology</i> , 2016, 284, 50-62.	2.0	16
1274	Immune Regulation of the Metastatic Process. <i>Advances in Cancer Research</i> , 2016, 132, 139-163.	1.9	14
1275	FGFR3 silencing by siRNA inhibits invasion of A549 cells. <i>Oncology Letters</i> , 2016, 12, 4319-4326.	0.8	2
1276	Emerging Designs of Activatable Photoacoustic Probes for Molecular Imaging. <i>Bioconjugate Chemistry</i> , 2016, 27, 2808-2823.	1.8	158
1277	A holistic approach to dissecting SPARC family protein complexity reveals FSTL-1 as an inhibitor of pancreatic cancer cell growth. <i>Scientific Reports</i> , 2016, 6, 37839.	1.6	13
1278	Role of peptidylarginine deiminase type 4 in gastric cancer. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 3155-3160.	0.8	18
1279	Green tea polyphenols affect invasiveness of human gastric MKN-28 cells by inhibition of LPS or TNF- α induced Matrix Metalloproteinase-9/2. <i>Biochimie Open</i> , 2016, 3, 56-63.	3.2	19
1280	Matrix Metalloproteinase Responsive Nanoparticles for Synergistic Treatment of Colorectal Cancer via Simultaneous Anti-Angiogenesis and Chemotherapy. <i>Bioconjugate Chemistry</i> , 2016, 27, 2943-2953.	1.8	29
1281	SPRY1 regulates mammary epithelial morphogenesis by modulating EGFR-dependent stromal paracrine signaling and ECM remodeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5731-40.	3.3	41
1282	scan_tcga tools for integrated epigenomic and transcriptomic analysis of tumor subgroups. <i>Epigenomics</i> , 2016, 8, 1315-1330.	1.0	13

#	ARTICLE	IF	CITATIONS
1283	Anticancer nanoparticulate polymer-drug conjugate. <i>Bioengineering and Translational Medicine</i> , 2016, 1, 277-296.	3.9	71
1284	Magnetically Actuated Protease Sensors for in Vivo Tumor Profiling. <i>Nano Letters</i> , 2016, 16, 6303-6310.	4.5	45
1285	Peptide-substituted phthalocyanine photosensitizers: design, synthesis, photophysical and photobiological studies. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 1318-1329.	1.6	5
1286	Robust design of some selective matrix metalloproteinase-2 inhibitors over matrix metalloproteinase-9 through in silico/fragment-based lead identification and de novo lead modification: Syntheses and biological assays. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 4291-4309.	1.4	48
1287	Tumor-Microenvironment-Adaptive Nanoparticles Codeliver Paclitaxel and siRNA to Inhibit Growth and Lung Metastasis of Breast Cancer. <i>Advanced Functional Materials</i> , 2016, 26, 6033-6046.	7.8	81
1288	Coexpressed High Levels of VEGF-C and Active MMP-9 Are Associated With Lymphatic Spreading and Local Invasiveness of Papillary Thyroid Carcinoma. <i>American Journal of Clinical Pathology</i> , 2016, 146, 594-602.	0.4	24
1289	Matrix metalloproteinases and their endogenous regulators in squamous cervical carcinoma (A) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50 110-121.	0.2	1
1290	Comparative gene expression profiling of ADAMs, MMPs, TIMPs, EMMPRIN, EGF-R and VEGFA in low grade meningioma. <i>International Journal of Oncology</i> , 2016, 49, 2309-2318.	1.4	17
1291	Tumor-associated macrophages: unwitting accomplices in breast cancer malignancy. <i>Npj Breast Cancer</i> , 2016, 2, .	2.3	356
1292	Differential diagnosis of lung cancer, its metastasis and chronic obstructive pulmonary disease based on serum Vegf, Il-8 and MMP-9. <i>Scientific Reports</i> , 2016, 6, 36065.	1.6	19
1293	4-Hydroxybutenolide impairs cell migration, and invasion of human oral cancer SCC-4 cells via the inhibition of NF- κ B and MAPK signaling pathways. <i>International Journal of Oncology</i> , 2016, 49, 579-588.	1.4	6
1294	Anti-Fas Antibody Conjugated Nanoparticles Enhancing the Antitumor Effect of Camptothecin by Activating the Fas-FasL Apoptotic Pathway. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 29950-29959.	4.0	15
1295	Salinomycin causes migration and invasion of human fibrosarcoma cells by inducing MMP-2 expression via PI3-kinase, ERK-1/2 and p38 kinase pathways. <i>International Journal of Oncology</i> , 2016, 48, 2686-2692.	1.4	12
1296	NECAB3 Promotes Activation of Hypoxia-inducible factor-1 during Normoxia and Enhances Tumourigenicity of Cancer Cells. <i>Scientific Reports</i> , 2016, 6, 22784.	1.6	30
1297	Means to the ends: The role of telomeres and telomere processing machinery in metastasis. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2016, 1866, 320-329.	3.3	17
1298	HIF-KDM3A-MMP12 regulatory circuit ensures trophoblast plasticity and placental adaptations to hypoxia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7212-E7221.	3.3	111
1299	Dual tumor-suppressors miR-139a-5p and miR-139a-3p targeting matrix metalloproteinase 11 in bladder cancer. <i>Cancer Science</i> , 2016, 107, 1233-1242.	1.7	115
1300	MMP-1/2 and TIMP-1/2 expression levels, and the levels of collagenous and elastic fibers correlate with disease progression in a hamster model of tongue cancer. <i>Oncology Letters</i> , 2016, 11, 63-68.	0.8	5

#	ARTICLE	IF	CITATIONS
1301	Clinicopathological implications of vascular endothelial growth factor 165b expression in oral squamous cell carcinoma stroma. <i>Oncology Reports</i> , 2016, 36, 573-581.	1.2	2
1302	Resveratrol suppresses human glioblastoma cell migration and invasion via activation of RhoA/ROCK signaling pathway. <i>Oncology Letters</i> , 2016, 11, 484-490.	0.8	20
1303	shRNA-mediated silencing of TARBP2 inhibits NCI-H1299 non-small cell lung cancer cell invasion and migration via the JNK/STAT3/AKT pathway. <i>Molecular Medicine Reports</i> , 2016, 14, 3725-3730.	1.1	8
1304	Constructing and Validating 3D-pharmacophore Models to a Set of MMP-9 Inhibitors for Designing Novel Anti-melanoma Agents. <i>Molecular Informatics</i> , 2016, 35, 238-252.	1.4	9
1305	Cooperative Treatment of Metastatic Breast Cancer Using Host-Guest Nanoplatform Coloaded with Docetaxel and siRNA. <i>Small</i> , 2016, 12, 488-498.	5.2	45
1306	RAB2A controls MT1- α MMP endocytic and E-cadherin polarized Golgi trafficking to promote invasive breast cancer programs. <i>EMBO Reports</i> , 2016, 17, 1061-1080.	2.0	72
1307	Silencing of HMGA2 promotes apoptosis and inhibits migration and invasion of prostate cancer cells. <i>Journal of Biosciences</i> , 2016, 41, 229-236.	0.5	44
1308	Expression of surface-associated 82kDa-proMMP-9 in primary acute leukemia blast cells inversely correlates with patients' risk. <i>Experimental Hematology</i> , 2016, 44, 358-362.e5.	0.2	6
1309	Biochemical and spectroscopic characterization of the catalytic domain of MMP16 (cdMMP16). <i>Journal of Biological Inorganic Chemistry</i> , 2016, 21, 523-535.	1.1	1
1310	Molecular Targets and Strategies in Cancer Prevention. , 2016, , .		0
1311	Molecular Radio-Oncology. <i>Recent Results in Cancer Research</i> , 2016, , .	1.8	1
1312	Overexpressed targeting protein for Xklp2 (TPX2) serves as a promising prognostic marker and therapeutic target for gastric cancer. <i>Cancer Biology and Therapy</i> , 2016, 17, 824-832.	1.5	47
1313	Targeting Tumor Angiogenesis for Cancer Prevention. , 2016, , 117-149.		1
1314	Molecular Targeting of Integrins and Integrin-Associated Signaling Networks in Radiation Oncology. <i>Recent Results in Cancer Research</i> , 2016, 198, 89-106.	1.8	8
1315	Recent progress in development of siRNA delivery vehicles for cancer therapy. <i>Advanced Drug Delivery Reviews</i> , 2016, 104, 61-77.	6.6	346
1316	Sulforaphene Interferes with Human Breast Cancer Cell Migration and Invasion through Inhibition of Hedgehog Signaling. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 5515-5524.	2.4	25
1317	Adipocytes contribute to the growth and progression of multiple myeloma: Unraveling obesity related differences in adipocyte signaling. <i>Cancer Letters</i> , 2016, 380, 114-121.	3.2	55
1318	The role of myeloid cells in cancer therapies. <i>Nature Reviews Cancer</i> , 2016, 16, 447-462.	12.8	570

#	ARTICLE	IF	CITATIONS
1319	Interleukin 11: similar or opposite roles in female reproduction and reproductive cancer?. <i>Reproduction, Fertility and Development</i> , 2016, 28, 395.	0.1	9
1320	miRNA-105 and -128 function as rheostats modulating MMP-2 activities by downregulation of TIMP-2 and upregulation of MT1-MMP. <i>Genes and Genomics</i> , 2016, 38, 217-223.	0.5	3
1321	MMP-9 triggered self-assembly of doxorubicin nanofiber depots halts tumor growth. <i>Biomaterials</i> , 2016, 98, 192-202.	5.7	131
1322	Effects of alisol B 23-acetate on ovarian cancer cells: G1 phase cell cycle arrest, apoptosis, migration and invasion inhibition. <i>Phytomedicine</i> , 2016, 23, 800-809.	2.3	37
1323	CP-25 attenuates the inflammatory response of fibroblast-like synoviocytes co-cultured with BAFF-activated CD4+ T cells. <i>Journal of Ethnopharmacology</i> , 2016, 189, 194-201.	2.0	30
1324	Curcumol Suppresses Breast Cancer Cell Metastasis by Inhibiting MMP-9 Via JNK1/2 and Akt-Dependent NF- κ B Signaling Pathways. <i>Integrative Cancer Therapies</i> , 2016, 15, 216-225.	0.8	66
1325	Toward precision medicine of breast cancer. <i>Theoretical Biology and Medical Modelling</i> , 2016, 13, 7.	2.1	48
1326	Laminin and Matrix metalloproteinase 11 regulate Fibronectin levels in the zebrafish myotendinous junction. <i>Skeletal Muscle</i> , 2016, 6, 18.	1.9	30
1327	Novel roles of Src in cancer cell epithelial-to-mesenchymal transition, vascular permeability, microinvasion and metastasis. <i>Life Sciences</i> , 2016, 157, 52-61.	2.0	115
1328	Recombinant <i>Lactococcus lactis</i> NZ9000 secretes a bioactive kisspeptin that inhibits proliferation and migration of human colon carcinoma HT-29 cells. <i>Microbial Cell Factories</i> , 2016, 15, 102.	1.9	45
1329	Cell line modeling to study biomarker panel in prostate cancer. <i>Prostate</i> , 2016, 76, 245-258.	1.2	7
1330	Differential Diagnosis of Autoimmune Pancreatitis From Pancreatic Cancer by Analysis of Serum Gelatinase Levels. <i>Pancreas</i> , 2016, 45, 1048-1055.	0.5	6
1332	Oncostatin M and leukaemia inhibitory factor trigger signal transducer and activator of transcription 3 and extracellular signal-regulated kinase 1/2 pathways but result in heterogeneous cellular responses in trophoblast cells. <i>Reproduction, Fertility and Development</i> , 2016, 28, 608.	0.1	11
1333	LPP inhibits collective cell migration during lung cancer dissemination. <i>Oncogene</i> , 2016, 35, 952-964.	2.6	43
1334	Rab11-FIP2 promotes colorectal cancer migration and invasion by regulating PI3K/AKT/MMP7 signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2016, 470, 397-404.	1.0	43
1335	Taiwan cobra cardiotoxin III suppresses EGF/EGFR-mediated epithelial-to-mesenchymal transition and invasion of human breast cancer MDA-MB-231 cells. <i>Toxicon</i> , 2016, 111, 108-120.	0.8	23
1336	Metastatic colonization by circulating tumour cells. <i>Nature</i> , 2016, 529, 298-306.	13.7	1,498
1337	MicroRNA-140 regulates cell growth and invasion in pancreatic duct adenocarcinoma by targeting iASPP. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 174-181.	0.9	21

#	ARTICLE	IF	CITATIONS
1338	Fibroblast-Mediated Collagen Remodeling Within the Tumor Microenvironment Facilitates Progression of Thyroid Cancers Driven by BrafV600E and Pten Loss. <i>Cancer Research</i> , 2016, 76, 1804-1813.	0.4	98
1339	<i>Helicobacter pylori</i> Activates Matrix Metalloproteinase 10 in Gastric Epithelial Cells via EGFR and ERK-mediated Pathways. <i>Journal of Infectious Diseases</i> , 2016, 213, 1767-1776.	1.9	44
1340	Matrix metalloproteinase 14 modulates signal transduction and angiogenesis in the cornea. <i>Survey of Ophthalmology</i> , 2016, 61, 478-497.	1.7	47
1341	Ameloblastic neoplasia spectrum: a cross-sectional study of MMPS expression and proliferative activity. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2016, 121, 396-401.e1.	0.2	4
1342	Upregulated expression of long noncoding RNA SNHG15 promotes cell proliferation and invasion through regulates MMP2/MMP9 in patients with GC. <i>Tumor Biology</i> , 2016, 37, 6801-6812.	0.8	71
1343	miR-22 inhibits the proliferation, motility, and invasion of human glioblastoma cells by directly targeting SIRT1. <i>Tumor Biology</i> , 2016, 37, 6761-6768.	0.8	53
1344	Modelling the tumour microenvironment in long-term microencapsulated 3D co-cultures recapitulates phenotypic features of disease progression. <i>Biomaterials</i> , 2016, 78, 50-61.	5.7	99
1345	Regulation of invadopodia by mechanical signaling. <i>Experimental Cell Research</i> , 2016, 343, 89-95.	1.2	61
1346	Radiolabeled hydroxamate-based matrix metalloproteinase inhibitors: How chemical modifications affect pharmacokinetics and metabolic stability. <i>Nuclear Medicine and Biology</i> , 2016, 43, 424-437.	0.3	9
1347	CCL15/CCR1 axis is involved in hepatocellular carcinoma cells migration and invasion. <i>Tumor Biology</i> , 2016, 37, 4501-4507.	0.8	25
1348	Silencing <i>PRDX3</i> Inhibits Growth and Promotes Invasion and Extracellular Matrix Degradation in Hepatocellular Carcinoma Cells. <i>Journal of Proteome Research</i> , 2016, 15, 1506-1514.	1.8	23
1349	Reduced Proteolytic Shedding of Receptor Tyrosine Kinases Is a Post-Translational Mechanism of Kinase Inhibitor Resistance. <i>Cancer Discovery</i> , 2016, 6, 382-399.	7.7	139
1350	Diverse effects of G-protein-coupled free fatty acid receptors on the regulation of cellular functions in lung cancer cells. <i>Experimental Cell Research</i> , 2016, 342, 193-199.	1.2	24
1351	5-Caffeoylquinic acid inhibits invasion of non-small cell lung cancer cells through the inactivation of p70S6K and Akt activity: Involvement of p53 in differential regulation of signaling pathways. <i>International Journal of Oncology</i> , 2016, 48, 1907-1912.	1.4	21
1352	Cardiotoxin III Inhibits Hepatocyte Growth Factor-Induced Epithelial-Mesenchymal Transition and Suppresses Invasion of MDA-MB-231 Cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2016, 30, 12-21.	1.4	11
1353	Inhibitory Effects of AVEMAR on Proliferation and Metastasis of Oral Cancer Cells. <i>Nutrition and Cancer</i> , 2016, 68, 473-480.	0.9	14
1354	A novel regulation of PD-1 ligands on mesenchymal stromal cells through MMP-mediated proteolytic cleavage. <i>Oncolmmunology</i> , 2016, 5, e1091146.	2.1	66
1355	The lymphatic system and pancreatic cancer. <i>Cancer Letters</i> , 2016, 381, 217-236.	3.2	44

#	ARTICLE	IF	CITATIONS
1356	Matrix metalloproteinase-based photodynamic molecular beacons for targeted destruction of bone metastases in vivo. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 375-381.	1.6	15
1357	Drug Discovery Approaches Utilizing Three-Dimensional Cell Culture. <i>Assay and Drug Development Technologies</i> , 2016, 14, 19-28.	0.6	85
1358	Targeting of cancer-associated fibroblasts enhances the efficacy of cancer chemotherapy by regulating the tumor microenvironment. <i>Molecular Medicine Reports</i> , 2016, 13, 2476-2484.	1.1	85
1359	Cancer and Angiogenesis. , 2016, , 39-54.		0
1360	Madecassoside suppresses proliferation and invasiveness of HGF-induced human hepatocellular carcinoma cells via PKC-cMET-ERK1/2-COX-2-PGE 2 pathway. <i>International Immunopharmacology</i> , 2016, 33, 24-32.	1.7	16
1361	A matrix metalloproteinase inhibitor enhances anti-cytotoxic T lymphocyte antigen-4 antibody immunotherapy in breast cancer by reprogramming the tumor microenvironment. <i>Oncology Reports</i> , 2016, 35, 1329-1339.	1.2	20
1362	InÂvivo imaging of protease activity by Probody therapeutic activation. <i>Biochimie</i> , 2016, 122, 62-67.	1.3	24
1363	The role of oxidative stress on breast cancer development and therapy. <i>Tumor Biology</i> , 2016, 37, 4281-4291.	0.8	199
1364	High expression of matrix metalloproteinases: MMP-2 and MMP-9 predicts poor survival outcome in colorectal carcinoma. <i>Future Oncology</i> , 2016, 12, 323-331.	1.1	38
1365	Breast cancer-associated fibroblasts: their roles in tumor initiation, progression and clinical applications. <i>Frontiers of Medicine</i> , 2016, 10, 33-40.	1.5	56
1366	MiR-519a functions as a tumor suppressor in glioma by targeting the oncogenic STAT3 pathway. <i>Journal of Neuro-Oncology</i> , 2016, 128, 35-45.	1.4	38
1367	Directed migration of cancer cells guided by the graded texture of the underlying matrix. <i>Nature Materials</i> , 2016, 15, 792-801.	13.3	190
1368	Matrix metalloproteinases: new directions toward inhibition in the fight against cancers. <i>Future Medicinal Chemistry</i> , 2016, 8, 297-309.	1.1	19
1369	A peptide immunization approach to counteract a <i>Staphylococcus aureus</i> protease defense against host immunity. <i>Immunology Letters</i> , 2016, 172, 29-39.	1.1	10
1370	Association of MMPs and TIMPs With the Occurrence of Atrial Fibrillation: A Systematic Review and Meta-analysis. <i>Canadian Journal of Cardiology</i> , 2016, 32, 803-813.	0.8	19
1371	Phenotype anchoring in zebrafish reveals a potential role for matrix metalloproteinases (MMPs) in tamoxifen's effects on skin epithelium. <i>Toxicology and Applied Pharmacology</i> , 2016, 296, 31-41.	1.3	6
1372	Isoliquiritigenin attenuates the invasive capacity of breast cancer cells via up-regulating the tumor suppressor RECK. <i>RSC Advances</i> , 2016, 6, 24719-24727.	1.7	9
1373	The tumor microenvironment in esophageal cancer. <i>Oncogene</i> , 2016, 35, 5337-5349.	2.6	234

#	ARTICLE	IF	CITATIONS
1374	Neurological roles for phosphomannomutase type 2 in a new <i>Drosophila</i> congenital disorder of glycosylation disease model. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 513-27.	1.2	22
1375	Influence of Immune Myeloid Cells on the Extracellular Matrix During Cancer Metastasis. <i>Cancer Microenvironment</i> , 2016, 9, 45-61.	3.1	26
1376	Clinical Manifestations and Gene Expression in Patients with Conventional Papillary Thyroid Carcinoma Carrying the <i>BRAF</i> ^{V600E} Mutation and <i>BRAF</i> Pseudogene. <i>Thyroid</i> , 2016, 26, 691-704.	2.4	17
1377	Stimuli-Sensitive Nanopreparations: Overview. , 2016, , 1-48.		0
1378	Date syrup-derived polyphenols attenuate angiogenic responses and exhibits anti-inflammatory activity mediated by vascular endothelial growth factor and cyclooxygenase-2 expression in endothelial cells. <i>Nutrition Research</i> , 2016, 36, 636-647.	1.3	23
1379	The Microenvironment of Lung Cancer and Therapeutic Implications. <i>Advances in Experimental Medicine and Biology</i> , 2016, 890, 75-110.	0.8	96
1380	Proteases in cancer drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2016, 97, 144-155.	6.6	93
1381	Inhibition of pulmonary metastasis by <i>Emilia sonchifolia</i> (L.) DC: An in vivo experimental study. <i>Phytomedicine</i> , 2016, 23, 123-130.	2.3	9
1382	Mitigation of arsenic-induced acquired cancer phenotype in prostate cancer stem cells by miR-143 restoration. <i>Toxicology and Applied Pharmacology</i> , 2016, 312, 11-18.	1.3	31
1383	Prostate Single Nucleotide Polymorphism Provides a Crucial Clue to Cancer Aggression in Active Surveillance Patients. <i>European Urology</i> , 2016, 69, 229-230.	0.9	2
1384	Cancer therapy targeting the fibrinolytic system. <i>Advanced Drug Delivery Reviews</i> , 2016, 99, 172-179.	6.6	20
1386	Research advances in HMGNS and cancer. <i>Tumor Biology</i> , 2016, 37, 1531-1539.	0.8	17
1387	Matrix Remodeling in Pulmonary Fibrosis and Emphysema. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 751-760.	1.4	97
1388	Overexpression of ADAMTS5 can regulate the migration and invasion of non-small cell lung cancer. <i>Tumor Biology</i> , 2016, 37, 8681-8689.	0.8	20
1389	JARID1D Is a Suppressor and Prognostic Marker of Prostate Cancer Invasion and Metastasis. <i>Cancer Research</i> , 2016, 76, 831-843.	0.4	99
1390	Inhibition of MMP-13 with modified polymer particles. <i>Surface Science</i> , 2016, 648, 371-375.	0.8	0
1391	In vivo sensing of proteolytic activity with an NSET-based NIR fluorogenic nanosensor. <i>Biosensors and Bioelectronics</i> , 2016, 77, 471-477.	5.3	19
1392	Smart linkers in polymer drug conjugates for tumor-targeted delivery. <i>Journal of Drug Targeting</i> , 2016, 24, 475-491.	2.1	79

#	ARTICLE	IF	CITATIONS
1393	A study on time discretization and adaptive mesh refinement methods for the simulation of cancer invasion: The urokinase model. <i>Applied Mathematics and Computation</i> , 2016, 273, 353-376.	1.4	11
1394	The bone marrow niche in support of breast cancer dormancy. <i>Cancer Letters</i> , 2016, 380, 263-271.	3.2	39
1395	Mimicking the Cell: Bio-Inspired Functions of Supramolecular Assemblies. <i>Chemical Reviews</i> , 2016, 116, 2023-2078.	23.0	254
1396	Bio-inspired polymer envelopes around adenoviral vectors to reduce immunogenicity and improve in vivo kinetics. <i>Acta Biomaterialia</i> , 2016, 30, 94-105.	4.1	28
1397	Fluorescent Analogue of Batimastat Enables Imaging of β -Secretase in Living Cells. <i>ACS Chemical Neuroscience</i> , 2016, 7, 40-45.	1.7	6
1398	Identification of key genes associated with the effect of estrogen on ovarian cancer using microarray analysis. <i>Archives of Gynecology and Obstetrics</i> , 2016, 293, 421-427.	0.8	8
1399	Breast cancer dissemination promoted by a neuregulin-collagenase 3 signalling node. <i>Oncogene</i> , 2016, 35, 2756-2765.	2.6	18
1400	Expression and localization of matrix metalloproteinases (MMP-2, -7, -9) and their tissue inhibitors (TIMP-2, -3) in the chicken oviduct during maturation. <i>Cell and Tissue Research</i> , 2016, 364, 185-197.	1.5	22
1401	Nanomedicine-mediated cancer stem cell therapy. <i>Biomaterials</i> , 2016, 74, 1-18.	5.7	117
1402	Moonlighting proteins in cancer. <i>Cancer Letters</i> , 2016, 370, 108-116.	3.2	59
1404	Proteomics and drug discovery in cancer. <i>Drug Discovery Today</i> , 2016, 21, 264-277.	3.2	25
1405	Oxidative DNA damage enhances the carcinogenic potential of in vitro chronic arsenic exposures. <i>Archives of Toxicology</i> , 2016, 90, 1893-1905.	1.9	29
1406	Fibroblast activation protein-1, a stromal cell surface protease, shapes key features of cancer associated fibroblasts through proteome and degradome alterations. <i>Molecular Oncology</i> , 2016, 10, 40-58.	2.1	90
1408	Intracellular MMP3 Promotes <i>HSP</i> Gene Expression in Collaboration With Chromobox Proteins. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 43-51.	1.2	46
1409	Protective effect of melatonin on the development of abdominal aortic aneurysm in a rat model. <i>Journal of Surgical Research</i> , 2017, 209, 266-278.e1.	0.8	12
1410	Increased expression of tissue inhibitor of metalloproteinase-1 correlates with improved outcome in canine cutaneous mast cell tumours. <i>Veterinary and Comparative Oncology</i> , 2017, 15, 606-614.	0.8	9
1411	Cigarette smoke extracts induced the colon cancer migration via regulating epithelial mesenchymal transition and metastatic genes in human colon cancer cells. <i>Environmental Toxicology</i> , 2017, 32, 690-704.	2.1	17
1412	Translational aspects in targeting the stromal tumour microenvironment: From bench to bedside. <i>European Journal of Molecular and Clinical Medicine</i> , 2017, 3, 9.	0.5	18

#	ARTICLE	IF	CITATIONS
1413	Î²-Amyrin, a pentacyclic triterpene, exhibits anti-fibrotic, anti-inflammatory, and anti-apoptotic effects on dimethyl nitrosamine-induced hepatic fibrosis in male rats. <i>Human and Experimental Toxicology</i> , 2017, 36, 113-122.	1.1	30
1414	Matrix metalloproteinase 9 expression and survival of patients with osteosarcoma: a meta-analysis. <i>European Journal of Cancer Care</i> , 2017, 26, e12364.	0.7	16
1415	The role of miR-497-5p in myofibroblast differentiation of LR-MSCs and pulmonary fibrogenesis. <i>Scientific Reports</i> , 2017, 7, 40958.	1.6	38
1416	Macrophage Polarization: Anti-Cancer Strategies to Target Tumor-Associated Macrophage in Breast Cancer. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2484-2501.	1.2	135
1417	Mesenchymal Cells in Colon Cancer. <i>Gastroenterology</i> , 2017, 152, 964-979.	0.6	158
1418	Matrix Metalloproteinase 14 promotes lung cancer by cleavage of Heparin-Binding EGF-like Growth Factor. <i>Neoplasia</i> , 2017, 19, 55-64.	2.3	45
1419	Neurons generated from carcinoma stem cells support cancer progression. <i>Signal Transduction and Targeted Therapy</i> , 2017, 2, 16036.	7.1	80
1420	NFAT1 promotes cell motility through MMP-3 in esophageal squamous cell carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2017, 86, 541-546.	2.5	10
1421	Differential expression of Low density lipoprotein Receptor-related Protein 1 (LRP-1) and matrix metalloproteinase-9 (MMP-9) in prostate gland: From normal to malignant lesions. <i>Pathology Research and Practice</i> , 2017, 213, 66-71.	1.0	11
1422	Reelin Deficiency Delays Mammary Tumor Growth and Metastatic Progression. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2017, 22, 59-69.	1.0	7
1423	The immunoreceptor NKG2D promotes tumour growth in a model of hepatocellular carcinoma. <i>Nature Communications</i> , 2017, 8, 13930.	5.8	56
1424	The role of epithelial-mesenchymal transition drivers <i>ZEB1</i> and <i>ZEB2</i> in mediating docetaxel-resistant prostate cancer. <i>Molecular Oncology</i> , 2017, 11, 251-265.	2.1	100
1425	Different effects of G-protein-coupled receptor 120 (GPR120) and GPR40 on cell motile activity of highly migratory osteosarcoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 484, 675-680.	1.0	14
1426	IGF-IR cooperates with ER α to inhibit breast cancer cell aggressiveness by regulating the expression and localisation of ECM molecules. <i>Scientific Reports</i> , 2017, 7, 40138.	1.6	29
1427	<i>ROCK</i> signaling promotes collagen remodeling to facilitate invasive pancreatic ductal adenocarcinoma tumor cell growth. <i>EMBO Molecular Medicine</i> , 2017, 9, 198-218.	3.3	107
1428	Identification of highly selective MMP-14 inhibitory Fabs by deep sequencing. <i>Biotechnology and Bioengineering</i> , 2017, 114, 1140-1150.	1.7	26
1429	Cancer Metastasis. , 2017, , 3-12.		2
1430	Lymph Node Metastasis—Funded in part by the Nathanson/Rands Chair in Breast Cancer Research. Artwork by Kelly Rosso, MD, and Dhananjay Chitale, MD.. , 2017, , 235-261.		5

#	ARTICLE	IF	CITATIONS
1431	Highly Sensitive Marker Panel for Guidance in Lung Cancer Rapid Diagnostic Units. <i>Scientific Reports</i> , 2017, 7, 41151.	1.6	13
1432	Matrix Metalloproteinase 9 Facilitates Hepatitis B Virus Replication through Binding with Type I Interferon (IFN) Receptor 1 To Repress IFN/JAK/STAT Signaling. <i>Journal of Virology</i> , 2017, 91, .	1.5	53
1433	Nanodrug delivery systems for targeting the endogenous tumor microenvironment and simultaneously overcoming multidrug resistance properties. <i>Journal of Controlled Release</i> , 2017, 251, 49-67.	4.8	104
1434	Activated thrombin-activatable fibrinolysis inhibitor attenuates the angiogenic potential of endothelial cells: potential relevance to the breast tumour microenvironment. <i>Clinical and Experimental Metastasis</i> , 2017, 34, 155-169.	1.7	3
1435	Tumor-associated macrophages: implications in cancer immunotherapy. <i>Immunotherapy</i> , 2017, 9, 289-302.	1.0	259
1436	Marmesin-mediated suppression of VEGF/VEGFR and integrin α 21 expression: Its implication in non-small cell lung cancer cell responses and tumor angiogenesis. <i>Oncology Reports</i> , 2017, 37, 91-97.	1.2	26
1437	Protein phosphatase 2A regulation of markers of extracellular matrix remodelling in hepatocellular carcinoma cells: functional consequences for tumour invasion. <i>British Journal of Pharmacology</i> , 2017, 174, 1116-1130.	2.7	22
1438	Plasma matrix metalloprotease 9 correlates with blood lymphocytosis, leukemic cell invasiveness, and prognosis in B-cell chronic lymphocytic leukemia. <i>Tumor Biology</i> , 2017, 39, 101042831769432.	0.8	10
1439	Synergistic efficacy of Cullin1 and MMP-2 expressions in diagnosis and prognosis of colorectal cancer. <i>Cancer Biomarkers</i> , 2017, 19, 57-64.	0.8	15
1440	Advances in Hypoxia-Mediated Mechanisms in Hepatocellular Carcinoma. <i>Molecular Pharmacology</i> , 2017, 92, 246-255.	1.0	87
1441	Feline Injection-Site Sarcoma. <i>Veterinary Pathology</i> , 2017, 54, 204-211.	0.8	34
1442	Angiotensin-Converting Inhibitors and Angiotensin II Receptor Blockers and Longitudinal Change in Percent Emphysema on Computed Tomography. The Multi-Ethnic Study of Atherosclerosis Lung Study. <i>Annals of the American Thoracic Society</i> , 2017, 14, 649-658.	1.5	45
1443	Novel roles of DC-SIGNR in colon cancer cell adhesion, migration, invasion, and liver metastasis. <i>Journal of Hematology and Oncology</i> , 2017, 10, 28.	6.9	41
1444	Lycorine inhibits breast cancer growth and metastasis via inducing apoptosis and blocking Src/FAK-involved pathway. <i>Science China Life Sciences</i> , 2017, 60, 417-428.	2.3	59
1445	Extracellular matrix and the myeloid-in-myeloma compartment: balancing tolerogenic and immunogenic inflammation in the myeloma niche. <i>Journal of Leukocyte Biology</i> , 2017, 102, 265-275.	1.5	31
1446	<i>Cinnamomum cassia</i> extracts reverses TGF- β 1-induced epithelial-mesenchymal transition in human lung adenocarcinoma cells and suppresses tumor growth in vivo. <i>Environmental Toxicology</i> , 2017, 32, 1878-1887.	2.1	24
1447	Emerging role of DUBs in tumor metastasis and apoptosis: Therapeutic implication. , 2017, 177, 96-107.		71
1448	Smad3 promotes cancer progression by inhibiting E4BP4-mediated NK cell development. <i>Nature Communications</i> , 2017, 8, 14677.	5.8	137

#	ARTICLE	IF	CITATIONS
1449	Downregulation of MMP1 in MDS-derived mesenchymal stromal cells reduces the capacity to restrict MDS cell proliferation. <i>Scientific Reports</i> , 2017, 7, 43849.	1.6	12
1450	Multifunctional Concentric FRET-Quantum Dot Probes for Tracking and Imaging of Proteolytic Activity. <i>Methods in Molecular Biology</i> , 2017, 1530, 63-97.	0.4	4
1451	Arylsulfonamides and selectivity of matrix metalloproteinase-2: An overview. <i>European Journal of Medicinal Chemistry</i> , 2017, 129, 72-109.	2.6	55
1452	Crosstalk between stromal cells and cancer cells in pancreatic cancer: New insights into stromal biology. <i>Cancer Letters</i> , 2017, 392, 83-93.	3.2	107
1453	In Vivo Hypoxia PET Imaging Quantifies the Severity of Arthritic Joint Inflammation in Line with Overexpression of Hypoxia-Inducible Factor and Enhanced Reactive Oxygen Species Generation. <i>Journal of Nuclear Medicine</i> , 2017, 58, 853-860.	2.8	19
1454	Exploration of bladder cancer molecular mechanisms based on miRNA-mRNA regulatory network. <i>Oncology Reports</i> , 2017, 37, 1461-1468.	1.2	10
1455	MT4-MMP and EGFR expression levels are key biomarkers for breast cancer patient response to chemotherapy and erlotinib. <i>British Journal of Cancer</i> , 2017, 116, 742-751.	2.9	13
1456	Membrane-type matrix metalloproteases as diverse effectors of cancer progression. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1974-1988.	1.9	98
1457	Ultrasensitive tumour-penetrating nanosensors of protease activity. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	94
1458	Interleukin-1 β activates focal adhesion kinase and Src to induce matrix metalloproteinase-9 production and invasion of MCF-7 breast cancer cells. <i>Oncology Letters</i> , 2017, 13, 955-960.	0.8	42
1459	High expression of matrix metalloproteinases 16 is associated with the aggressive malignant behavior and poor survival outcome in colorectal carcinoma. <i>Scientific Reports</i> , 2017, 7, 46531.	1.6	11
1460	Global Protease Activity Profiling Provides Differential Diagnosis of Pancreatic Cysts. <i>Clinical Cancer Research</i> , 2017, 23, 4865-4874.	3.2	37
1461	Estrogen reprograms the activity of neutrophils to foster protumoral microenvironment during mammary involution. <i>Scientific Reports</i> , 2017, 7, 46485.	1.6	29
1462	HMEC-1 adopt the mixed amoeboid-mesenchymal migration type during EndMT. <i>European Journal of Cell Biology</i> , 2017, 96, 289-300.	1.6	15
1463	Applying nanomedicine in maladaptive inflammation and angiogenesis. <i>Advanced Drug Delivery Reviews</i> , 2017, 119, 143-158.	6.6	46
1464	Exploring the Potential of Nanotherapeutics in Targeting Tumor Microenvironment for Cancer Therapy. <i>Pharmacological Research</i> , 2017, 126, 109-122.	3.1	59
1465	Mint3-mediated L1CAM expression in fibroblasts promotes cancer cell proliferation via integrin α 5 β 1 and tumour growth. <i>Oncogenesis</i> , 2017, 6, e334-e334.	2.1	23
1466	Peptidomic Analysis of Cultured Cardiomyocytes Exposed to Acute Ischemic-Hypoxia. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 358-368.	1.1	15

#	ARTICLE	IF	CITATIONS
1467	Hypoxia induces oncogene yes-associated protein 1 nuclear translocation to promote pancreatic ductal adenocarcinoma invasion via epithelialâ€“mesenchymal transition. <i>Tumor Biology</i> , 2017, 39, 101042831769168.	0.8	18
1468	Current approaches for avoiding the limitations of circulating tumor cells detection methodsâ€“implications for diagnosis and treatment of patients with solid tumors. <i>Translational Research</i> , 2017, 185, 58-84.e15.	2.2	124
1469	Ectopic repression of receptor tyrosine kinaseâ€“like orphan receptor 2 inhibits malignant transformation of ovarian cancer cells by reversing epithelialâ€“mesenchymal transition. <i>Tumor Biology</i> , 2017, 39, 101042831770162.	0.8	8
1471	Smart chemistry-based nanosized drug delivery systems for systemic applications: A comprehensive review. <i>Journal of Controlled Release</i> , 2017, 258, 226-253.	4.8	309
1472	Gelatin-albumin hybrid nanoparticles as matrix metalloproteinases-degradable delivery systems for breast cancer therapy. <i>Nanomedicine</i> , 2017, 12, 977-989.	1.7	15
1473	Bradykinin Promotes Cell Proliferation, Migration, Invasion, and Tumor Growth of Gastric Cancer Through ERK Signaling Pathway. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 4444-4453.	1.2	22
1474	Up-Regulated Expression of Matrix Metalloproteinases in Endothelial Cells Mediates Platelet Microvesicle-Induced Angiogenesis. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 2319-2332.	1.1	52
1475	Matrix metalloproteinase collagenolysis in health and disease. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1940-1951.	1.9	151
1476	Remodeling the Irradiated Tumor Microenvironment: The Fifth R of Radiobiology?. <i>Cancer Drug Discovery and Development</i> , 2017, , 135-149.	0.2	2
1477	Radiolabeled Selective Matrix Metalloproteinase 13 (MMP-13) Inhibitors: (Radio)Syntheses and in Vitro and First in Vivo Evaluation. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 307-321.	2.9	19
1478	Matrix metalloproteinases: their functional role in lung cancer. <i>Carcinogenesis</i> , 2017, 38, 766-780.	1.3	140
1479	Bioinformatics analyses of the differences between lung adenocarcinoma and squamous cell carcinoma using The Cancer Genome Atlas expression data. <i>Molecular Medicine Reports</i> , 2017, 16, 609-616.	1.1	19
1480	Matrix metalloproteases-responsive nanomaterials for tumor targeting diagnosis and treatment. <i>Journal of Microencapsulation</i> , 2017, 34, 440-453.	1.2	23
1481	Nanoparticle design strategies for enhanced anticancer therapy by exploiting the tumour microenvironment. <i>Chemical Society Reviews</i> , 2017, 46, 3830-3852.	18.7	719
1482	Saposhnikovia divaricata : a phytochemical, pharmacological, and pharmacokinetic review. <i>Chinese Journal of Natural Medicines</i> , 2017, 15, 255-264.	0.7	51
1483	MiR-130a-3p attenuates activation and induces apoptosis of hepatic stellate cells in nonalcoholic fibrosing steatohepatitis by directly targeting TGFBR1 and TGFBR2. <i>Cell Death and Disease</i> , 2017, 8, e2792-e2792.	2.7	62
1484	Dual-stimuli responsive and reversibly activatable theranostic nanoprobe for precision tumor-targeting and fluorescence-guided photothermal therapy. <i>Nature Communications</i> , 2017, 8, 14998.	5.8	204
1485	Multicellular tumor invasion and plasticity in biomimetic materials. <i>Biomaterials Science</i> , 2017, 5, 1460-1479.	2.6	17

#	ARTICLE	IF	CITATIONS
1486	Brain-derived neurotrophic factor and airway fibrosis in asthma. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L360-L370.	1.3	40
1487	MMPs. , 2017, , 591-601.		0
1488	MMP-2 together with MMP-9 overexpression correlated with lymph node metastasis and poor prognosis in early gastric carcinoma. Tumor Biology, 2017, 39, 101042831770041.	0.8	51
1489	Next generation matrix metalloproteinase inhibitors â€” Novel strategies bring new prospects. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 1927-1939.	1.9	138
1490	Therapeutic Potential of Matrix Metalloproteinase Inhibition in Breast Cancer. Journal of Cellular Biochemistry, 2017, 118, 3531-3548.	1.2	105
1491	Metalloproteinases in extracellular vesicles. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 1989-2000.	1.9	114
1492	Gramine inhibits angiogenesis and induces apoptosis via modulation of TGF-Î² signalling in 7,12 dimethylbenz[a]anthracene (DMBA) induced hamster buccal pouch carcinoma. Phytomedicine, 2017, 33, 69-76.	2.3	16
1493	Fibroblast growth factorâ€”mediated crosstalk in cancer etiology and treatment. Developmental Dynamics, 2017, 246, 493-501.	0.8	17
1494	Emerging roles of the CXCL12/CXCR4 axis in pancreatic cancer progression and therapy. , 2017, 179, 158-170.		126
1495	Reversing the polarization of tumor-associated macrophages inhibits tumor metastasis. International Immunopharmacology, 2017, 49, 30-37.	1.7	59
1497	Secreted tissue inhibitor of matrix metalloproteinase restricts<i>trans</i>-synaptic signaling to coordinate synaptogenesis. Journal of Cell Science, 2017, 130, 2344-2358.	1.2	15
1498	Epithelial-to-mesenchymal transition in tumor progression. Medical Oncology, 2017, 34, 122.	1.2	97
1499	Problems of Cancer Treatment. Part I. Theory of Treatment Based on Known Mechanisms of Anticancer Immunological Responses. Advances in Cell Biology, 2017, 5, 72-95.	1.5	0
1500	Interleukin-24 inhibits osteosarcoma cell migration and invasion via the JNK/c-Jun signaling pathways. Oncology Letters, 2017, 13, 4505-4511.	0.8	10
1501	Zymography. Methods in Molecular Biology, 2017, , .	0.4	1
1502	Identification of the Consistently Altered Metabolic Targets in Human Hepatocellular Carcinoma. Cellular and Molecular Gastroenterology and Hepatology, 2017, 4, 303-323.e1.	2.3	103
1503	MLK3 regulates FRA-1 and MMPs to drive invasion and transendothelial migration in triple-negative breast cancer cells. Oncogenesis, 2017, 6, e345-e345.	2.1	42
1504	Overexpression of RCC2 Enhances Cell Motility and Promotes Tumor Metastasis in Lung Adenocarcinoma by Inducing Epithelialâ€”Mesenchymal Transition. Clinical Cancer Research, 2017, 23, 5598-5610.	3.2	51

#	ARTICLE	IF	CITATIONS
1505	CO-releasing molecules CORM2 attenuates angiotensin II-induced human aortic smooth muscle cell migration through inhibition of ROS/IL-6 generation and matrix metalloproteinases-9 expression. <i>Redox Biology</i> , 2017, 12, 377-388.	3.9	27
1506	Multi-Wavelength Resonance Energy Transfer-Based Fluorescent Probe for Spatiotemporal Matrix Metalloproteinase-2 and Caspase-3 Imaging. <i>Analytical Chemistry</i> , 2017, 89, 4349-4354.	3.2	38
1507	Anticancer Properties of Solamargine: A Systematic Review. <i>Phytotherapy Research</i> , 2017, 31, 858-870.	2.8	46
1508	Cleavage and phosphorylation: important post-translational modifications of galectin-3. <i>Cancer and Metastasis Reviews</i> , 2017, 36, 367-374.	2.7	17
1509	Therapeutic implication of α -Iturin A TM for targeting MD-2/TLR4 complex to overcome angiogenesis and invasion. <i>Cellular Signalling</i> , 2017, 35, 24-36.	1.7	30
1510	Dickkopf-Related Protein 2 is Epigenetically Inactivated and Suppresses Colorectal Cancer Growth and Tumor Metastasis by Antagonizing Wnt/ β -Catenin Signaling. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 1709-1724.	1.1	15
1511	Expression of lactate dehydrogenase C correlates with poor prognosis in renal cell carcinoma. <i>Tumor Biology</i> , 2017, 39, 101042831769596.	0.8	27
1512	Macrophage Elastase Induces TRAIL-mediated Tumor Cell Death through Its Carboxy-Terminal Domain. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 353-363.	2.5	17
1513	SerpineB2 regulates stromal remodelling and local invasion in pancreatic cancer. <i>Oncogene</i> , 2017, 36, 4288-4298.	2.6	77
1514	Molecular imaging probes for multi-spectral optoacoustic tomography. <i>Chemical Communications</i> , 2017, 53, 4653-4672.	2.2	99
1515	Identification of TMPRSS2-ERG mechanisms in prostate cancer invasiveness: Involvement of MMP-9 and plexin B1. <i>Oncology Reports</i> , 2017, 37, 201-208.	1.2	10
1516	Matrix Metalloproteases. <i>Methods in Molecular Biology</i> , 2017, , .	0.4	0
1517	Pre-metastatic niches: organ-specific homes for metastases. <i>Nature Reviews Cancer</i> , 2017, 17, 302-317.	12.8	1,272
1518	Computational Approaches to Matrix Metalloprotease Drug Design. <i>Methods in Molecular Biology</i> , 2017, 1579, 273-285.	0.4	2
1519	miR-320a regulates high mobility group box 1 expression and inhibits invasion and metastasis in hepatocellular carcinoma. <i>Liver International</i> , 2017, 37, 1354-1364.	1.9	32
1520	The effects of propofol on the growth behavior of hepatoma xenografts in Balb/c mice. <i>Biomedicine and Pharmacotherapy</i> , 2017, 90, 47-52.	2.5	11
1521	Extracellular vesicles: their role in cancer biology and epithelial-mesenchymal transition. <i>Biochemical Journal</i> , 2017, 474, 21-45.	1.7	81
1522	Proteases and cytokines as mediators of interactions between cancer and stromal cells in tumours. <i>Biological Chemistry</i> , 2017, 398, 709-719.	1.2	36

#	ARTICLE	IF	CITATIONS
1523	RUNX1 Regulates Migration, Invasion, and Angiogenesis via p38 MAPK Pathway in Human Glioblastoma. Cellular and Molecular Neurobiology, 2017, 37, 1243-1255.	1.7	48
1524	Interacting post-muscarinic receptor signaling pathways potentiate matrix metalloproteinase-1 expression and invasion of human colon cancer cells. Biochemical Journal, 2017, 474, 647-665.	1.7	28
1525	Davallia bilabiata exhibits anti-angiogenic effect with modified MMP-2/TIMP-2 secretion and inhibited VEGF ligand/receptors expression in vascular endothelial cells. Journal of Ethnopharmacology, 2017, 196, 213-224.	2.0	13
1526	Microbial Siderophore as MMP inhibitor:An interactive approach on wound healing application. Wound Medicine, 2017, 16, 7-14.	2.7	3
1527	Extracellular Matrix Remodeling and Stiffening Modulate Tumor Phenotype and Treatment Response. Annual Review of Cancer Biology, 2017, 1, 313-334.	2.3	101
1528	Prognostic value of MMP-2 for patients with ovarian epithelial carcinoma: a systematic review and meta-analysis. Archives of Gynecology and Obstetrics, 2017, 295, 689-696.	0.8	29
1529	Activin promotes skin carcinogenesis by attraction and reprogramming of macrophages. EMBO Molecular Medicine, 2017, 9, 27-45.	3.3	30
1530	Exenatide modulates tumor endothelial cell interactions in human ovarian cancer cells. Endocrine Connections, 2017, 6, 856-865.	0.8	15
1531	Micellar Stability in Biological Media Dictates Internalization in Living Cells. Journal of the American Chemical Society, 2017, 139, 16677-16687.	6.6	45
1532	MMP proteolytic activity regulates cancer invasiveness by modulating integrins. Scientific Reports, 2017, 7, 14219.	1.6	110
1533	A pentanoic acid derivative targeting matrix metalloproteinase-2 (MMP-2) induces apoptosis in a chronic myeloid leukemia cell line. European Journal of Medicinal Chemistry, 2017, 141, 37-50.	2.6	26
1534	Peptide Brush Polymers and Nanoparticles with Enzyme-Regulated Structure and Charge for Inducing or Evading Macrophage Cell Uptake. ACS Nano, 2017, 11, 9877-9888.	7.3	45
1535	Early changes in the apparent diffusion coefficient and MMP-9 expression of a cervical carcinoma U14 allograft model following irradiation. Oncology Letters, 2017, 14, 6769-6775.	0.8	4
1536	Cancer Immunotherapy Getting Brainy: Visualizing the Distinctive CNS Metastatic Niche to Illuminate Therapeutic Resistance. Drug Resistance Updates, 2017, 33-35, 23-35.	6.5	16
1537	TIPE1 suppresses invasion and migration through downregulating Wnt/ β -catenin pathway in gastric cancer. Journal of Cellular and Molecular Medicine, 2018, 22, 1103-1117.	1.6	35
1538	Targeting the Hemopexin-like Domain of Latent Matrix Metalloproteinase-9 (proMMP-9) with a Small Molecule Inhibitor Prevents the Formation of Focal Adhesion Junctions. ACS Chemical Biology, 2017, 12, 2788-2803.	1.6	32
1539	Paeonol exerts potential activities to inhibit the growth, migration and invasion of human gastric cancer BGC823 cells via downregulating MMP-2 and MMP-9. Molecular Medicine Reports, 2017, 16, 7513-7519.	1.1	28
1540	cRGD/TAT Dual-Ligand Reversibly Cross-Linked Micelles Loaded with Docetaxel Penetrate Deeply into Tumor Tissue and Show High Antitumor Efficacy in Vivo. ACS Applied Materials & Interfaces, 2017, 9, 35651-35663.	4.0	48

#	ARTICLE	IF	CITATIONS
1541	Curcumin-encapsulated polymeric nanoparticles for metastatic osteosarcoma cells treatment. <i>Science China Materials</i> , 2017, 60, 995-1007.	3.5	10
1542	Infectious pancreatic necrosis virus infection of fish cell lines: Preliminary analysis of gene expressions related to extracellular matrix remodeling and immunity. <i>Veterinary Immunology and Immunopathology</i> , 2017, 193-194, 10-17.	0.5	8
1543	Aquaporin-1 inhibition reduces metastatic formation in a mouse model of melanoma. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 904-912.	1.6	21
1544	Cell-Permeable, MMP-2 Activatable, Nickel Ferrite and His-Tagged Fusion Protein Self-Assembled Fluorescent Nanoprobe for Tumor Magnetic-Targeting and Imaging. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 39209-39222.	4.0	24
1545	Genomic characterization of tobacco/nut chewing HPV-negative early stage tongue tumors identify MMP10 as a candidate to predict metastases. <i>Oral Oncology</i> , 2017, 73, 56-64.	0.8	43
1546	HMGA2 upregulation mediates Cd-induced migration and invasion in A549 cells and in lung tissues of mice. <i>Chemico-Biological Interactions</i> , 2017, 277, 1-7.	1.7	15
1547	Identification of novel targets for multiple myeloma through integrative approach with Monte Carlo cross-validation analysis. <i>Journal of Bone Oncology</i> , 2017, 8, 8-12.	1.0	4
1548	ABCB5 promotes melanoma metastasis through enhancing NF- κ B p65 protein stability. <i>Biochemical and Biophysical Research Communications</i> , 2017, 492, 18-26.	1.0	28
1549	Androgen-deprivation therapy with enzalutamide enhances prostate cancer metastasis via decreasing the EPHB6 suppressor expression. <i>Cancer Letters</i> , 2017, 408, 155-163.	3.2	26
1550	Two-Dimensional Graphene Augments Nanosensitized Sonocatalytic Tumor Eradication. <i>ACS Nano</i> , 2017, 11, 9467-9480.	7.3	248
1551	Effects of Tribulus terrestris on monosodium iodoacetate-induced osteoarthritis pain in rats. <i>Molecular Medicine Reports</i> , 2017, 16, 5303-5311.	1.1	11
1552	Reversible Dimerization of Polymeric Amphiphiles Acts as a Molecular Switch of Enzymatic Degradability. <i>Biomacromolecules</i> , 2017, 18, 3457-3468.	2.6	13
1553	Network pharmacology-based approach of novel traditional Chinese medicine formula for treatment of acute skin inflammation in silico. <i>Computational Biology and Chemistry</i> , 2017, 71, 70-81.	1.1	23
1554	KLF4-dependent perivascular cell plasticity mediates pre-metastatic niche formation and metastasis. <i>Nature Medicine</i> , 2017, 23, 1176-1190.	15.2	162
1555	Nanomaterials for cancer immunotherapy. <i>Biomaterials</i> , 2017, 148, 16-30.	5.7	226
1556	Inherent aggressive character of invasive and non-invasive cells dictates the in vitro migration pattern of multicellular spheroid. <i>Scientific Reports</i> , 2017, 7, 11527.	1.6	20
1557	Effect of borrelidin on hepatocellular carcinoma cells in vitro and in vivo. <i>RSC Advances</i> , 2017, 7, 44401-44409.	1.7	7
1558	Human stem cells alter the invasive properties of somatic cells via paracrine activation of mTORC1. <i>Nature Communications</i> , 2017, 8, 595.	5.8	25

#	ARTICLE	IF	CITATIONS
1559	Bioengineered Submucosal Organoids for <i>In Vitro</i> Modeling of Colorectal Cancer. <i>Tissue Engineering - Part A</i> , 2017, 23, 1026-1041.	1.6	38
1560	The anti-invasive role of novel synthesized pyridazine hydrazide appended phenoxy acetic acid against neoplastic development targeting matrix metallo proteases. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 375-386.	2.5	21
1561	Understanding Chemical-Biological Interactions of Glutamate MMP Inhibitors through Rigorous Alignment-Dependent 3D-QSAR Analyses. <i>ChemistrySelect</i> , 2017, 2, 7888-7898.	0.7	12
1562	Preventing inflammation inhibits biopsy-mediated changes in tumor cell behavior. <i>Scientific Reports</i> , 2017, 7, 7529.	1.6	39
1563	Novel STAT binding elements mediate IL-6 regulation of MMP-1 and MMP-3. <i>Scientific Reports</i> , 2017, 7, 8526.	1.6	23
1564	Dynamics of M1 macrophages in oral mucosal lesions during the development of acute graft-versus-host disease in rats. <i>Clinical and Experimental Immunology</i> , 2017, 190, 315-327.	1.1	10
1565	The good and bad of targeting cancer-associated extracellular matrix. <i>Current Opinion in Pharmacology</i> , 2017, 35, 75-82.	1.7	23
1566	Matrix Metalloproteinases in Bone Resorption, Remodeling, and Repair. <i>Progress in Molecular Biology and Translational Science</i> , 2017, 148, 203-303.	0.9	151
1567	Effects of cigarette smoke extracts on cell cycle, cell migration and endocrine activity in human placental cells. <i>Reproductive Toxicology</i> , 2017, 73, 8-19.	1.3	21
1568	Long-term effects of silver nanoparticles in caco-2 cells. <i>Nanotoxicology</i> , 2017, 11, 1-10.	1.6	35
1569	Doxycycline and its quaternary ammonium derivative for adjuvant therapies of chondrosarcoma. <i>Cancer Chemotherapy and Pharmacology</i> , 2017, 80, 517-526.	1.1	3
1570	Geraniin inhibits migration and invasion of human osteosarcoma cancer cells through regulation of PI3K/Akt and ERK1/2 signaling pathways. <i>Anti-Cancer Drugs</i> , 2017, 28, 959-966.	0.7	31
1571	DMF-MALDI: droplet based microfluidic combined to MALDI-TOF for focused peptide detection. <i>Scientific Reports</i> , 2017, 7, 6756.	1.6	18
1572	Values of ultrasound features and MMP-9 of papillary thyroid carcinoma in predicting cervical lymph node metastases. <i>Scientific Reports</i> , 2017, 7, 6670.	1.6	20
1573	A new gallium complex inhibits tumor cell invasion and matrix metalloproteinase MMP-14 expression and activity. <i>Metalomics</i> , 2017, 9, 1176-1184.	1.0	10
1574	Integrated functions of membrane-type 1 matrix metalloproteinase in regulating cancer malignancy: Beyond a proteinase. <i>Cancer Science</i> , 2017, 108, 1095-1100.	1.7	45
1575	Baicalein, unlike 4-hydroxytamoxifen but similar to G15, suppresses 17 β -estradiol-induced cell invasion, and matrix metalloproteinase-9 expression and activation in MCF-7 human breast cancer cells. <i>Oncology Letters</i> , 2017, 14, 1823-1830.	0.8	14
1576	Internalization of Collagen: An Important Matrix Turnover Pathway in Cancer. <i>Biology of Extracellular Matrix</i> , 2017, , 17-38.	0.3	4

#	ARTICLE	IF	CITATIONS
1577	Clinicopathologic and Prognostic Significance of Gelatinase A in Tunisian Colorectal Cancer: A Case-Control Study. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2017, 25, 64-70.	0.6	1
1578	Blockade of Asparagine Endopeptidase Inhibits Cancer Metastasis. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 7244-7255.	2.9	27
1579	Redox regulation in tumor cell epithelial-mesenchymal transition: molecular basis and therapeutic strategy. <i>Signal Transduction and Targeted Therapy</i> , 2017, 2, 17036.	7.1	147
1580	Associations of MMP-2 and MMP-9 gene polymorphism with ulinastatin efficacy in patients with severe acute pancreatitis. <i>Bioscience Reports</i> , 2017, 37, .	1.1	5
1581	Involvement of the TGF β 1/Smad2/MMP3 signaling pathway in SB431542-induced inhibition of cell invasion in multiple myeloma RPMI 8226 cells. <i>Oncology Letters</i> , 2017, 14, 541-546.	0.8	5
1582	A High-throughput Cell Microarray Platform for Correlative Analysis of Cell Differentiation and Traction Forces. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	19
1583	Infantile hemangioma: pathogenesis and mechanisms of action of propranolol. <i>JDDG - Journal of the German Society of Dermatology</i> , 2017, 15, 1185-1190.	0.4	39
1584	Noninvasive Detection and Imaging of Matrix Metalloproteinases for Cancer Diagnosis. <i>Journal of Analysis and Testing</i> , 2017, 1, 203-212.	2.5	2
1585	Triptonide inhibits the pathological functions of gastric cancer-associated fibroblasts. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 757-767.	2.5	19
1586	Knockdown of FUSE binding protein 1 enhances the sensitivity of epithelial ovarian cancer cells to carboplatin. <i>Oncology Letters</i> , 2017, 14, 5819-5824.	0.8	6
1587	Naturally Occurring Matrix Metalloproteinase Inhibitors: A Group of Promising Cardioprotective Agents. , 2017, , 9-46.		1
1588	Silibinin inhibits the migration and invasion of human gastric cancer SGC7901 cells by downregulating MMP β 2 and MMP β 9 expression via the p38MAPK signaling pathway. <i>Oncology Letters</i> , 2017, 14, 7577-7582.	0.8	19
1589	Immunoglobulins from sera of APS patients bind HTR-8/SVneo trophoblast cell line and reduce additional mediators of cell invasion. <i>Reproductive Biology</i> , 2017, 17, 389-395.	0.9	7
1590	Gene signature based on degradome-related genes can predict distal metastasis in cervical cancer patients. <i>Tumor Biology</i> , 2017, 39, 101042831771189.	0.8	22
1591	The interactome of metabolic enzyme carbonic anhydrase IX reveals novel roles in tumor cell migration and invadopodia/MMP14-mediated invasion. <i>Oncogene</i> , 2017, 36, 6244-6261.	2.6	97
1592	Cyclodextrin-based biological stimuli-responsive carriers for smart and precision medicine. <i>Biomaterials Science</i> , 2017, 5, 1736-1745.	2.6	50
1593	Noncanonical Decapentaplegic Signaling Activates Matrix Metalloproteinase 1 To Restrict Hedgehog Activity and Limit Ectopic Eye Differentiation in <i>Drosophila</i> . <i>Genetics</i> , 2017, 207, 197-213.	1.2	3
1594	Cellular uptake of proMMP-2:TIMP-2 complexes by the endocytic receptor megalin/LRP-2. <i>Scientific Reports</i> , 2017, 7, 4328.	1.6	14

#	ARTICLE	IF	CITATIONS
1595	Microenvironmental regulation of tumour angiogenesis. <i>Nature Reviews Cancer</i> , 2017, 17, 457-474.	12.8	1,299
1596	Dopamine D2 receptor antagonist sulpiride enhances dexamethasone responses in the treatment of drug-resistant and metastatic breast cancer. <i>Acta Pharmacologica Sinica</i> , 2017, 38, 1282-1296.	2.8	27
1597	RERG suppresses cell proliferation, migration and angiogenesis through ERK/NF- κ B signaling pathway in nasopharyngeal carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 88.	3.5	37
1598	Long Noncoding RNA JHDM1D-AS1 Promotes Tumor Growth by Regulating Angiogenesis in Response to Nutrient Starvation. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	37
1599	Analysis of matrix metalloproteinase activity during differentiation of mesenchymal stem cells isolated from different tissues of one donor. <i>Cell and Tissue Biology</i> , 2017, 11, 95-103.	0.2	5
1600	Wogonin suppresses stem cell-like traits of CD133 positive osteosarcoma cell via inhibiting matrix metalloproteinase-9 expression. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 304.	3.7	26
1601	Loss of MMP-8 in ductal carcinoma in situ (DCIS)-associated myoepithelial cells contributes to tumour promotion through altered adhesive and proteolytic function. <i>Breast Cancer Research</i> , 2017, 19, 33.	2.2	29
1602	Matrix Metalloproteinase-Responsive Multifunctional Peptide-Linked Amphiphilic Block Copolymers for Intelligent Systemic Anticancer Drug Delivery. <i>Bioconjugate Chemistry</i> , 2017, 28, 2190-2198.	1.8	59
1603	Post-translational modification of the membrane type 1 matrix metalloproteinase (MT1-MMP) cytoplasmic tail impacts ovarian cancer multicellular aggregate dynamics. <i>Journal of Biological Chemistry</i> , 2017, 292, 13111-13121.	1.6	13
1604	Blockade of MMP-2 and MMP-9 inhibits corneal lymphangiogenesis. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 1573-1579.	1.0	28
1605	Evaluation of matrix metalloproteinase type IV-collagenases in serum of patients with tumors of the central nervous system. <i>Journal of Neuro-Oncology</i> , 2017, 131, 223-232.	1.4	20
1606	CXCL1 from tumor-associated lymphatic endothelial cells drives gastric cancer cell into lymphatic system via activating integrin β 1/FAK/AKT signaling. <i>Cancer Letters</i> , 2017, 385, 28-38.	3.2	64
1607	Multifunctional thermoresponsive designer peptide hydrogels. <i>Acta Biomaterialia</i> , 2017, 47, 40-49.	4.1	13
1608	Cathepsin L is involved in X-ray-induced invasion and migration of human glioma U251 cells. <i>Cellular Signalling</i> , 2017, 29, 181-191.	1.7	20
1609	Tumor cell dormancy. <i>Molecular Oncology</i> , 2017, 11, 62-78.	2.1	129
1610	Adaptive mechanisms of resistance to anti-neoplastic agents. <i>MedChemComm</i> , 2017, 8, 53-66.	3.5	12
1611	Stromal factors involved in human prostate cancer development, progression and castration resistance. <i>Journal of Cancer Research and Clinical Oncology</i> , 2017, 143, 351-359.	1.2	41
1612	Breast cancer cells alter the dynamics of stromal fibronectin-collagen interactions. <i>Matrix Biology</i> , 2017, 60-61, 86-95.	1.5	75

#	ARTICLE	IF	CITATIONS
1613	Matrix Metalloproteinaseâ€“Targeted Imaging of Lung Inflammation and Remodeling. Journal of Nuclear Medicine, 2017, 58, 138-143.	2.8	26
1614	Molecular imaging of the tumor microenvironment. Advanced Drug Delivery Reviews, 2017, 113, 24-48.	6.6	175
1615	Smyd3-associated regulatory pathways in cancer. Seminars in Cancer Biology, 2017, 42, 70-80.	4.3	50
1616	Biomarkers of Postsurgical Outcome in Dupuytren Disease. , 2017, , 55-61.		0
1617	Mechanotransduction pulls the strings of matrix degradation at invadosome. Matrix Biology, 2017, 57-58, 190-203.	1.5	15
1618	Tricetin inhibits human osteosarcoma cells metastasis by transcriptionally repressing MMP-9 via p38 and Akt pathways. Environmental Toxicology, 2017, 32, 2032-2040.	2.1	28
1619	Increasing the Therapeutic Ratio of Radiotherapy. Cancer Drug Discovery and Development, 2017, , .	0.2	2
1620	Role of the HTLV-1 viral factors in the induction of apoptosis. Biomedicine and Pharmacotherapy, 2017, 85, 334-347.	2.5	19
1621	Activatable fluorescence: From small molecule to nanoparticle. Advanced Drug Delivery Reviews, 2017, 113, 97-121.	6.6	75
1622	Das infantile HÃmangiom: Pathogenese und Wirkmechanismus von Propranolol. JDDG - Journal of the German Society of Dermatology, 2017, 15, 1185-1191.	0.4	12
1623	Tumor Associated Macrophages as Therapeutic Targets for Breast Cancer. Advances in Experimental Medicine and Biology, 2017, 1026, 331-370.	0.8	16
1624	In vitro studies on the tumorigenic potential of the halonitromethanes trichloronitromethane and bromonitromethane. Toxicology in Vitro, 2017, 45, 72-80.	1.1	13
1625	FÃrster Resonance Energy Transfer Mediated Photoluminescence Quenching in Stoichiometrically Assembled CdSe/ZnS Quantum Dot-Peptide Labeled Black Hole Quencher Conjugates for Matrix Metalloproteinase-2 Sensing. Analytical Sciences, 2017, 33, 137-142.	0.8	14
1626	Matrix Metalloproteinases (MMPs) as Cancer Therapeutic Targets. , 2017, , 157-185.		0
1627	A PEGylated hyaluronic acid conjugate for targeted cancer immunotherapy. Journal of Controlled Release, 2017, 267, 181-190.	4.8	41
1628	Matrix Metalloproteinases in Melanoma with and without Regression. , 2017, , .		0
1629	The Contribution of Matrix Metalloproteinase-8 Promoter Polymorphism to Oral Cancer Susceptibility. In Vivo, 2017, 31, 585-590.	0.6	19
1630	FH535 Inhibits Proliferation and Motility of Colon Cancer Cells by Targeting Wnt/Î²-catenin Signaling Pathway. Journal of Cancer, 2017, 8, 3142-3153.	1.2	32

#	ARTICLE	IF	CITATIONS
1631	Circulating Tumor Cells: Moving Biological Insights into Detection. <i>Theranostics</i> , 2017, 7, 2606-2619.	4.6	104
1632	Non-small-cell lung cancer cell lines A549 and NCI-H460 express hypoxanthine guanine phosphoribosyltransferase on the plasma membrane. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 1921-1932.	1.0	46
1633	Human Papillomavirus and the Stroma: Bidirectional Crosstalk during the Virus Life Cycle and Carcinogenesis. <i>Viruses</i> , 2017, 9, 219.	1.5	40
1634	Complex Determinants of Epithelial: Mesenchymal Phenotypic Plasticity in Ovarian Cancer. <i>Cancers</i> , 2017, 9, 104.	1.7	73
1635	Naringenin Eye Drops Inhibit Corneal Neovascularization by Anti-Inflammatory and Antioxidant Mechanisms. , 2017, 58, 5764.		37
1636	Current Multistage Drug Delivery Systems Based on the Tumor Microenvironment. <i>Theranostics</i> , 2017, 7, 538-558.	4.6	260
1637	Stromal Modulators of TGF- β 2 in Cancer. <i>Journal of Clinical Medicine</i> , 2017, 6, 7.	1.0	129
1638	Synthesis and Evaluation of New Oxadiazole, Thiadiazole, and Triazole Derivatives as Potential Anticancer Agents Targeting MMP-9. <i>Molecules</i> , 2017, 22, 1109.	1.7	27
1639	siRNA Delivery Strategies: A Comprehensive Review of Recent Developments. <i>Nanomaterials</i> , 2017, 7, 77.	1.9	298
1640	Aloe Vera for Tissue Engineering Applications. <i>Journal of Functional Biomaterials</i> , 2017, 8, 6.	1.8	128
1641	Hierarchical Self-Assembly of Amino Acid Derivatives into Enzyme-Responsive Luminescent Gel. <i>Chemosensors</i> , 2017, 5, 6.	1.8	2
1642	RNase L Suppresses Androgen Receptor Signaling, Cell Migration and Matrix Metalloproteinase Activity in Prostate Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 529.	1.8	19
1643	Matrix Metalloproteinase Gene Activation Resulting from Disordered Epigenetic Mechanisms in Rheumatoid Arthritis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 905.	1.8	82
1644	Protease Expression Levels in Prostate Cancer Tissue Can Explain Prostate Cancer-Associated Seminal Biomarkers—An Explorative Concept Study. <i>International Journal of Molecular Sciences</i> , 2017, 18, 976.	1.8	14
1645	Human Primary Epithelial Cells Acquire an Epithelial-Mesenchymal-Transition Phenotype during Long-Term Infection by the Oral Opportunistic Pathogen, <i>Porphyromonas gingivalis</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 493.	1.8	81
1646	Identification of Secretory Leukoprotease Inhibitor As an Endogenous Negative Regulator in Allergic Effector Cells. <i>Frontiers in Immunology</i> , 2017, 8, 1538.	2.2	10
1647	Role of Modulator of Inflammation Cyclooxygenase-2 in Gammaherpesvirus Mediated Tumorigenesis. <i>Frontiers in Microbiology</i> , 2017, 8, 538.	1.5	84
1648	The Implications and Future Perspectives of Nanomedicine for Cancer Stem Cell Targeted Therapies. <i>Frontiers in Molecular Biosciences</i> , 2017, 4, 52.	1.6	24

#	ARTICLE	IF	CITATIONS
1649	Characterization of the Tumor Microenvironment and Tumor–Stroma Interaction by Non-invasive Preclinical Imaging. <i>Frontiers in Oncology</i> , 2017, 7, 3.	1.3	75
1650	The Regulation of Tumor Cell Invasion and Metastasis by Endoplasmic Reticulum-to-Mitochondrial Ca ²⁺ Transfer. <i>Frontiers in Oncology</i> , 2017, 7, 171.	1.3	28
1651	Stemness in Cancer: Stem Cells, Cancer Stem Cells, and Their Microenvironment. <i>Stem Cells International</i> , 2017, 2017, 1-17.	1.2	255
1652	Regulation of Matrix Metalloproteinase in the Pathogenesis of Diabetic Retinopathy. <i>Progress in Molecular Biology and Translational Science</i> , 2017, 148, 67-85.	0.9	56
1653	EMMPRIN Inhibits bFGF-Induced IL-6 Secretion in an Osteoblastic Cell Line, MC3T3-E1. <i>International Journal of Medical Sciences</i> , 2017, 14, 1173-1180.	1.1	4
1654	Exposure to Concentrated Ambient Fine Particulate Matter Induces Vascular Endothelial Dysfunction via miR-21. <i>International Journal of Biological Sciences</i> , 2017, 13, 868-877.	2.6	39
1655	Past, Present, and Future: Development of Theranostic Agents Targeting Carbonic Anhydrase IX. <i>Theranostics</i> , 2017, 7, 4322-4339.	4.6	59
1656	MMP16 promotes tumor metastasis and indicates poor prognosis in hepatocellular carcinoma. <i>Oncotarget</i> , 2017, 8, 72197-72204.	0.8	20
1657	Long noncoding RNA LINC01296 is associated with poor prognosis in prostate cancer and promotes cancer-cell proliferation and metastasis. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 1843-1852.	1.0	45
1658	Morusin shows potent antitumor activity for human hepatocellular carcinoma in vitro and in vivo through apoptosis induction and angiogenesis inhibition. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 1789-1802.	2.0	36
1659	Tetrandrine inhibits migration and invasion of human renal cell carcinoma by regulating Akt/NF- κ B/MMP-9 signaling. <i>PLoS ONE</i> , 2017, 12, e0173725.	1.1	28
1660	miR-92b-3p acts as a tumor suppressor by targeting Gabra3 in pancreatic cancer. <i>Molecular Cancer</i> , 2017, 16, 167.	7.9	92
1661	Proteomic profiling identifies markers for inflammation-related tumor–fibroblast interaction. <i>Clinical Proteomics</i> , 2017, 14, 33.	1.1	17
1662	Relevance of matrix metalloproteases in non-small cell lung cancer diagnosis. <i>BMC Cancer</i> , 2017, 17, 823.	1.1	36
1663	Profiling of metalloprotease activities in cerebrospinal fluids of patients with neoplastic meningitis. <i>Fluids and Barriers of the CNS</i> , 2017, 14, 22.	2.4	12
1664	Current concepts in bone metastasis, contemporary therapeutic strategies and ongoing clinical trials. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 108.	3.5	97
1665	Management and potentialities of primary cancer cultures in preclinical and translational studies. <i>Journal of Translational Medicine</i> , 2017, 15, 229.	1.8	75
1666	Updates on the Molecular Genetics of Colorectal Cancer. <i>Colorectal Cancer Open Access</i> , 2017, 03, .	0.0	2

#	ARTICLE	IF	CITATIONS
1667	Etiopathogenesis of Central Nervous System Gliomas. <i>Journal of Oncology Translational Research</i> , 2017, 03, .	0.2	0
1668	Flt-1 promotes metastasis by regulating MMP2 signaling in hepatocellular carcinoma. <i>Molecular Medicine Reports</i> , 2018, 17, 1986-1992.	1.1	8
1669	Cx32 suppresses extrinsic apoptosis in human cervical cancer cells via the NF- κ B signalling pathway. <i>International Journal of Oncology</i> , 2017, 51, 1159-1168.	1.4	15
1670	The Cardiokines. , 2017, , 87-114.		0
1671	Association of infiltrating cells with microvessel density in oral squamous cell carcinoma. <i>Polish Journal of Pathology</i> , 2017, 1, 40-48.	0.1	4
1672	Flavanols from Japanese quince (<i>Chaenomeles japonica</i>) fruit suppress expression of cyclooxygenase-2, metalloproteinase-9, and nuclear factor- κ B in human colon cancer cells. <i>Acta Biochimica Polonica</i> , 2017, 64, 567-576.	0.3	29
1673	Role of matrix metalloproteinase-9 in transforming growth factor- β 1-induced epithelial-mesenchymal transition in esophageal squamous cell carcinoma. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 2837-2847.	1.0	37
1674	Matrix metalloproteinases in head and neck cancer: current perspectives. <i>Metalloproteinases in Medicine</i> , 0, Volume 4, 47-61.	1.0	16
1675	Current diagnostics and treatment of fibrosarcoma -perspectives for future therapeutic targets and strategies. <i>Oncotarget</i> , 2017, 8, 104638-104653.	0.8	81
1676	The Effects of 1,3,5-trisubstituted Indole Derivatives on Cell Growth, Apoptosis and MMP-2/9 mRNA Expression of MCF-7 Human Breast Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 762-767.	0.9	3
1677	Cancer Biophysics. , 2017, , .		2
1678	Roles of Rap1 signaling in tumor cell migration and invasion. <i>Cancer Biology and Medicine</i> , 2017, 14, 90-99.	1.4	179
1679	Activation of the ROCK1/MMP-9 pathway is associated with the invasion and poor prognosis in papillary thyroid carcinoma. <i>International Journal of Oncology</i> , 2017, 51, 1209-1218.	1.4	36
1680	Development of a Non-Hydroxamate Dual Matrix Metalloproteinase (MMP)-7/-13 Inhibitor. <i>Molecules</i> , 2017, 22, 1548.	1.7	8
1681	Anticancer Drug Development, Getting Out from Bottleneck. , 2017, 07, .		5
1682	Mammary gland stem cells and their application in breast cancer. <i>Oncotarget</i> , 2017, 8, 10675-10691.	0.8	23
1683	Ubiquitination of tumor suppressor PML regulates prometastatic and immunosuppressive tumor microenvironment. <i>Journal of Clinical Investigation</i> , 2017, 127, 2982-2997.	3.9	55
1684	MicroRNA-124a inhibits cell proliferation and migration in liver cancer by regulating interleukin-11. <i>Molecular Medicine Reports</i> , 2018, 17, 3972-3978.	1.1	10

#	ARTICLE	IF	CITATIONS
1685	Melanoma-associated fibroblasts decrease tumor cell susceptibility to NK cell-mediated killing through matrix-metalloproteinases secretion. <i>Oncotarget</i> , 2017, 8, 19780-19794.	0.8	92
1686	Effect of <i>Sorbus commixta</i> on the invasion and migration of human hepatocellular carcinoma Hep3B cells. <i>International Journal of Molecular Medicine</i> , 2017, 40, 483-490.	1.8	6
1687	Role of tumor microenvironment in triple-negative breast cancer and its prognostic significance. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association</i> , Beijing Institute for Cancer Research, 2017, 29, 237-252.	0.7	109
1688	The Molecular Biology of Head and Neck Cancer. , 2017, , 243-256.		1
1689	Cancer metastasis - tricks of the trade. <i>Bosnian Journal of Basic Medical Sciences</i> , 2017, 17, 172-182.	0.6	82
1690	Glioma infiltration and extracellular matrix: key players and modulators. <i>Glia</i> , 2018, 66, 1542-1565.	2.5	163
1691	Heterodimer formation by Oct4 and Smad3 differentially regulates epithelial-to-mesenchymal transition-associated factors in breast cancer progression. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 2053-2066.	1.8	9
1692	Extracellular Matrix Remodeling in Intestinal Homeostasis and Disease. <i>Advances in Stem Cells and Their Niches</i> , 2018, 2, 99-140.	0.1	5
1693	Time course of polyhexamethyleneguanidine phosphate-induced lung inflammation and fibrosis in mice. <i>Toxicology and Applied Pharmacology</i> , 2018, 345, 94-102.	1.3	30
1694	Racial/ethnic disparities in de novo metastases sites and survival outcomes for patients with primary breast, colorectal, and prostate cancer. <i>Cancer Medicine</i> , 2018, 7, 1183-1193.	1.3	30
1695	Endothelial progenitor cells contribute to neovascularization of non-small cell lung cancer via histone deacetylase 7-mediated cytoskeleton regulation and angiogenic genes transcription. <i>International Journal of Cancer</i> , 2018, 143, 657-667.	2.3	15
1696	Wound healing related agents: Ongoing research and perspectives. <i>Advanced Drug Delivery Reviews</i> , 2018, 129, 242-253.	6.6	67
1697	The dark side of tumor-associated endothelial cells. <i>Seminars in Immunology</i> , 2018, 35, 35-47.	2.7	82
1698	Complex mechanics of the heterogeneous extracellular matrix in cancer. <i>Extreme Mechanics Letters</i> , 2018, 21, 25-34.	2.0	158
1699	Macromolecule-Network Electrostatics Controlling Delivery of the Biotherapeutic Cell Modulator TIMP-2. <i>Biomacromolecules</i> , 2018, 19, 1285-1293.	2.6	9
1700	Extracellular Phosphorylation of TIMP-2 by Secreted c-Src Tyrosine Kinase Controls MMP-2 Activity. <i>IScience</i> , 2018, 1, 87-96.	1.9	29
1701	A cell surface display fluorescent biosensor for measuring MMP14 activity in real-time. <i>Scientific Reports</i> , 2018, 8, 5916.	1.6	5
1702	Polysaccharide from <i>Rhizopus nigricans</i> inhibits the invasion and metastasis of colorectal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 738-745.	2.5	11

#	ARTICLE	IF	CITATIONS
1703	Microcalcifications in breast cancer: From pathophysiology to diagnosis and prognosis. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1869, 310-320.	3.3	86
1704	Fluorescence Molecular Imaging and Tomography of Matrix Metalloproteinase-Activatable Near-Infrared Fluorescence Probe and Image-Guided Orthotopic Glioma Resection. <i>Molecular Imaging and Biology</i> , 2018, 20, 930-939.	1.3	16
1705	Tumor associated macrophages support the growth of FGF9-induced lung adenocarcinoma by multiple mechanisms. <i>Lung Cancer</i> , 2018, 119, 25-35.	0.9	22
1706	Extracellular Matrix: Immunity and Inflammation. <i>Pancreatic Islet Biology</i> , 2018, , 83-109.	0.1	3
1707	Nanoenzyme-Augmented Cancer Sonodynamic Therapy by Catalytic Tumor Oxygenation. <i>ACS Nano</i> , 2018, 12, 3780-3795.	7.3	437
1708	Quantitative Analysis of Multiple Proteins of Different Invasive Tumor Cell Lines at the Same Single-Cell Level. <i>Small</i> , 2018, 14, e1703684.	5.2	22
1709	Advances in transformable drug delivery systems. <i>Biomaterials</i> , 2018, 178, 546-558.	5.7	57
1710	A novel powder formulation of coconut inflorescence sap inhibits alcoholic liver damage by modulating inflammatory markers, extracellular matrix metalloproteinase, and oxidative stress. <i>Journal of Food Biochemistry</i> , 2018, 42, e12543.	1.2	2
1711	Assessment of the MT1-MMP expression level of different cell lines by the naked eye. <i>Science China Life Sciences</i> , 2018, 61, 492-500.	2.3	10
1712	Microfluidics in Malignant Glioma Research and Precision Medicine. <i>Advanced Biology</i> , 2018, 2, 1700221.	3.0	25
1713	Intracellular Pressure: A Driver of Cell Morphology and Movement. <i>International Review of Cell and Molecular Biology</i> , 2018, 337, 185-211.	1.6	15
1714	Glycolytic inhibitor 2-Deoxy-d-Glucose activates migration and invasion in glioblastoma cells through modulation of the miR-7-5p/TFF3 signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2018, 499, 829-835.	1.0	20
1715	Extracellular Matrix for Tissue Engineering and Biomaterials. <i>Pancreatic Islet Biology</i> , 2018, , .	0.1	2
1716	Epirubicin suppresses proliferative and metastatic potential by downregulating transforming growth factor- β -induced expression in urothelial carcinoma. <i>Cancer Science</i> , 2018, 109, 980-987.	1.7	10
1717	Near-Infrared-Activated Fluorescence Resonance Energy Transfer-Based Nanocomposite to Sense MMP2-Overexpressing Oral Cancer Cells. <i>ACS Omega</i> , 2018, 3, 1627-1634.	1.6	7
1718	Cortactin recruits FMNL2 to promote actin polymerization and endosome motility in invadopodia formation. <i>Cancer Letters</i> , 2018, 419, 245-256.	3.2	25
1719	TGF- β 2-induced NKILA inhibits ESCC cell migration and invasion through NF- κ B/MMP14 signaling. <i>Journal of Molecular Medicine</i> , 2018, 96, 301-313.	1.7	44
1720	CD44v6 increases gastric cancer malignant phenotype by modulating adipose stromal cell-mediated ECM remodeling. <i>Integrative Biology (United Kingdom)</i> , 2018, 10, 145-158.	0.6	20

#	ARTICLE	IF	CITATIONS
1721	Knockdown of CXCR4 Inhibits CXCL12-Induced Angiogenesis in HUVECs through Downregulation of the MAPK/ERK and PI3K/AKT and the Wnt/ β -Catenin Pathways. <i>Cancer Investigation</i> , 2018, 36, 10-18.	0.6	56
1722	Matrix Metalloproteinases. , 2018, , 3005-3013.		0
1723	Expression of Adipocyte/Macrophage Fatty Acidâ€“Binding Protein in Tumor-Associated Macrophages Promotes Breast Cancer Progression. <i>Cancer Research</i> , 2018, 78, 2343-2355.	0.4	92
1724	Substrate stiffness regulated migration and invasion ability of adenoid cystic carcinoma cells via RhoA/<sc>ROCK</sc> pathway. <i>Cell Proliferation</i> , 2018, 51, e12442.	2.4	25
1725	The complex interplay between neutrophils and cancer. <i>Cell and Tissue Research</i> , 2018, 371, 517-529.	1.5	28
1726	NF- κ B in pancreatic cancer: Its key role in chemoresistance. <i>Cancer Letters</i> , 2018, 421, 127-134.	3.2	71
1727	Nanoplatfrom Assembled from a CD44-Targeted Prodrug and Smart Liposomes for Dual Targeting of Tumor Microenvironment and Cancer Cells. <i>ACS Nano</i> , 2018, 12, 1519-1536.	7.3	188
1728	Engineering 3D Hydrogels for Personalized In Vitro Human Tissue Models. <i>Advanced Healthcare Materials</i> , 2018, 7, 1701165.	3.9	96
1729	The epitope-mediated MMP activation assay: detection and quantification of the activation of Mmp2 in vivo in the zebrafish embryo. <i>Histochemistry and Cell Biology</i> , 2018, 149, 277-286.	0.8	12
1731	Harnessing Protease Activity to Improve Cancer Care. <i>Annual Review of Cancer Biology</i> , 2018, 2, 353-376.	2.3	70
1732	Signatures of protein expression revealed by secretome analyses of cancer associated fibroblasts and melanoma cell lines. <i>Journal of Proteomics</i> , 2018, 174, 1-8.	1.2	20
1733	Activation of KLF4 expression by small activating RNA promotes migration and invasion in colorectal epithelial cells. <i>Cell Biology International</i> , 2018, 42, 495-503.	1.4	8
1734	M2-macrophage infiltration and macrophage traits of tumor cells in urinary bladder cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2018, 36, 159.e19-159.e26.	0.8	32
1735	Surface Engineering of Nanoparticles for Targeted Delivery to Hepatocellular Carcinoma. <i>Small</i> , 2018, 14, 1702037.	5.2	67
1736	Multiple molecular modelling studies on some derivatives and analogues of glutamic acid as matrix metalloproteinase-2 inhibitors. <i>SAR and QSAR in Environmental Research</i> , 2018, 29, 43-68.	1.0	15
1737	Protein kinase D2: a versatile player in cancer biology. <i>Oncogene</i> , 2018, 37, 1263-1278.	2.6	20
1738	Cancer Susceptibility Models in Protease-Deficient Mice. <i>Methods in Molecular Biology</i> , 2018, 1731, 235-245.	0.4	4
1739	Improving immuneâ€“vascular crosstalk for cancer immunotherapy. <i>Nature Reviews Immunology</i> , 2018, 18, 195-203.	10.6	340

#	ARTICLE	IF	CITATIONS
1740	Phagocyteâ€™extracellular matrix crosstalk empowers tumor development and dissemination. FEBS Journal, 2018, 285, 734-751.	2.2	32
1741	Involvement of LPA receptor-5 in the enhancement of cell motile activity by phorbol ester and anticancer drug treatments in melanoma A375â€™cells. Biochemical and Biophysical Research Communications, 2018, 496, 225-230.	1.0	15
1742	Dual-targeted nanomedicines for enhanced tumor treatment. Nano Today, 2018, 18, 65-85.	6.2	90
1743	Proteases and Cancer. Methods in Molecular Biology, 2018, , .	0.4	1
1744	Analysis of Somatic DNA Methylation Alterations of Genes Encoding Cell Surface Metallopeptidases in Colorectal Cancer. Methods in Molecular Biology, 2018, 1731, 271-294.	0.4	2
1745	Generation of Highly Selective MMP Antibody Inhibitors. Methods in Molecular Biology, 2018, 1731, 307-324.	0.4	5
1746	Strategies to Target Matrix Metalloproteinases as Therapeutic Approach in Cancer. Methods in Molecular Biology, 2018, 1731, 325-348.	0.4	50
1747	Evaluation on covalent and noncovalent linking of peptide to graphene oxide for MMP-9 detection. Fullerenes Nanotubes and Carbon Nanostructures, 2018, 26, 38-41.	1.0	3
1748	Galectin-8 induces partial epithelialâ€™mesenchymal transition with invasive tumorigenic capabilities involving a FAK/EGFR/proteasome pathway in Madinâ€™Darby canine kidney cells. Molecular Biology of the Cell, 2018, 29, 557-574.	0.9	25
1749	PEP06 polypeptide 30 exerts antitumour effect in colorectal carcinoma <i>via</i> inhibiting epithelialâ€™mesenchymal transition. British Journal of Pharmacology, 2018, 175, 3111-3130.	2.7	18
1750	IL-20 bone diseases involvement and therapeutic target potential. Journal of Biomedical Science, 2018, 25, 38.	2.6	10
1751	INAVA promotes aggressiveness of papillary thyroid cancer by upregulating MMP9 expression. Cell and Bioscience, 2018, 8, 26.	2.1	12
1752	Potential impact of invasive surgical procedures on primary tumor growth and metastasis. Clinical and Experimental Metastasis, 2018, 35, 319-331.	1.7	130
1753	Matrix Metalloproteinase 1 as a Novel Biomarker for Monitoring Hepatocellular Carcinoma in Liver Transplant Patients. Transplantation Proceedings, 2018, 50, 623-627.	0.3	8
1754	Andecaliximab/GS-5745 Alone and Combined with mFOLFOX6 in Advanced Gastric and Gastroesophageal Junction Adenocarcinoma: Results from a Phase I Study. Clinical Cancer Research, 2018, 24, 3829-3837.	3.2	69
1755	Matrix stiffness and tumor-associated macrophages modulate epithelial to mesenchymal transition of human adenocarcinoma cells. Biofabrication, 2018, 10, 035004.	3.7	63
1756	MCP-1 is overexpressed in triple-negative breast cancers and drives cancer invasiveness and metastasis. Breast Cancer Research and Treatment, 2018, 170, 477-486.	1.1	77
1757	Cell motility in cancer invasion and metastasis: insights from simple model organisms. Nature Reviews Cancer, 2018, 18, 296-312.	12.8	380

#	ARTICLE	IF	CITATIONS
1758	A novel polysaccharide derived from algae extract inhibits cancer progression via JNK, not via the p38- Δ 1/2MAPK signaling pathway. <i>International Journal of Oncology</i> , 2018, 52, 1380-1390.	1.4	11
1759	Fluorescence-guided surgery of cancer: applications, tools and perspectives. <i>Current Opinion in Chemical Biology</i> , 2018, 45, 64-72.	2.8	55
1760	The extract of <i>Polygoni Cuspidati Rhizoma et Radix</i> suppresses the vascular endothelial growth factor-induced angiogenesis. <i>Phytomedicine</i> , 2018, 42, 135-143.	2.3	28
1761	Matrix metalloproteinases expression in spontaneous canine histiocytic sarcomas and its xenograft model. <i>Veterinary Immunology and Immunopathology</i> , 2018, 198, 54-64.	0.5	5
1762	IL-2/IL-3 interplay mediates growth of CD25 positive acute myeloid leukemia cells. <i>Medical Hypotheses</i> , 2018, 115, 5-7.	0.8	10
1763	The effectiveness of cyclooxygenase-2 inhibitors and evaluation of angiogenesis in the model of experimental colorectal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 221-229.	2.5	31
1764	Investigations into the cancer stem cell niche using in-vitro 3-D tumor models and microfluidics. <i>Biotechnology Advances</i> , 2018, 36, 1094-1110.	6.0	46
1765	Clinical significance of FAP- \pm on microvessel and lymphatic vessel density in lung squamous cell carcinoma. <i>Journal of Clinical Pathology</i> , 2018, 71, 721-728.	1.0	17
1766	Precision Medicine for CRC Patients in the Veteran Population: State-of-the-Art, Challenges and Research Directions. <i>Digestive Diseases and Sciences</i> , 2018, 63, 1123-1138.	1.1	9
1767	Arf6 and its ZEB1-EPB41L5 mesenchymal axis are required for both mesenchymal- and amoeboid-type invasion of cancer cells. <i>Small GTPases</i> , 2018, 9, 420-426.	0.7	9
1768	Matrix metalloproteinase multiplex screening identifies increased MMP-2 urine concentrations in women predicted to develop preeclampsia. <i>Biomarkers</i> , 2018, 23, 18-24.	0.9	14
1769	Cellular Constituents of the Prostate Stroma: Key Contributors to Prostate Cancer Progression and Therapy Resistance. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2018, 8, a030510.	2.9	57
1770	Harnessing membrane trafficking to promote cancer spreading and invasion: The case of RAB2A. <i>Small GTPases</i> , 2018, 9, 304-309.	0.7	11
1771	MicroRNA106a regulates matrix metalloprotease 9 in a sirtuin-1 dependent mechanism. <i>Journal of Cellular Physiology</i> , 2018, 233, 238-248.	2.0	11
1772	The chemopreventive and anticancer potential against colorectal cancer of polyphenol-rich fruit extracts. <i>Food Reviews International</i> , 2018, 34, 390-409.	4.3	10
1773	Synthesis of Microgel Sensors for Spatial and Temporal Monitoring of Protease Activity. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 378-387.	2.6	36
1774	Hepatoprotective effects of ethyl pyruvate against CCl4-induced hepatic fibrosis via inhibition of TLR4/NF- κ B signaling and up-regulation of MMPs/TIMPs ratio. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2018, 42, 72-81.	0.7	24
1775	The Therapeutic Potential of Targeting Tumor Microenvironment in Breast Cancer: Rational Strategies and Recent Progress. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 111-122.	1.2	51

#	ARTICLE	IF	CITATIONS
1776	Transforming growth factor β 2, matrix metalloproteinases, and urokinase-type plasminogen activator interaction in the cancer epithelial to mesenchymal transition. <i>Developmental Dynamics</i> , 2018, 247, 382-395.	0.8	64
1777	Development of 3D culture models of plexiform neurofibroma and initial application for phenotypic characterization and drug screening. <i>Experimental Neurology</i> , 2018, 299, 289-298.	2.0	13
1778	Dampness-Heat Accelerates DMBA-Induced Mammary Tumors in Rats. <i>Chinese Journal of Integrative Medicine</i> , 2018, 24, 758-762.	0.7	4
1779	Krüppel-like factor 9 down-regulates matrix metalloproteinase 9 transcription and suppresses human breast cancer invasion. <i>Cancer Letters</i> , 2018, 412, 224-235.	3.2	53
1780	Interdependent and independent multidimensional role of tumor microenvironment on hepatocellular carcinoma. <i>Cytokine</i> , 2018, 103, 150-159.	1.4	25
1781	Effects of exposure to six chemical ultraviolet filters commonly used in personal care products on motility of MCF7 and MDA-MB-231 human breast cancer cells in vitro. <i>Journal of Applied Toxicology</i> , 2018, 38, 148-159.	1.4	36
1782	The peritoneal "soil" for a cancerous "seed": a comprehensive review of the pathogenesis of intraperitoneal cancer metastases. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 509-525.	2.4	136
1783	Substrate stiffness regulated migration and angiogenesis potential of A549 cells and HUVECs. <i>Journal of Cellular Physiology</i> , 2018, 233, 3407-3417.	2.0	48
1784	Endothelial cells promote triple-negative breast cancer cell metastasis via PAL-1 and CCL5 signaling. <i>FASEB Journal</i> , 2018, 32, 276-288.	0.2	71
1785	Peptide substrate-based inkjet printing high-throughput MMP-9 anticancer assay using fluorescence resonance energy transfer (FRET). <i>Sensors and Actuators B: Chemical</i> , 2018, 256, 1093-1099.	4.0	12
1786	Recent opportunities in matrix metalloproteinase inhibitor drug design for cancer. <i>Expert Opinion on Drug Discovery</i> , 2018, 13, 75-87.	2.5	67
1787	Chalcones as putative hepatoprotective agents: Preclinical evidence and molecular mechanisms. <i>Pharmacological Research</i> , 2018, 129, 177-187.	3.1	46
1789	FOXC1-induced non-canonical WNT5A-MMP7 signaling regulates invasiveness in triple-negative breast cancer. <i>Oncogene</i> , 2018, 37, 1399-1408.	2.6	67
1790	Tape-Assisted Photolithographic-Free Microfluidic Chip Cell Patterning for Tumor Metastasis Study. <i>Analytical Chemistry</i> , 2018, 90, 777-784.	3.2	29
1791	Deconstruction of a Metastatic Tumor Microenvironment Reveals a Common Matrix Response in Human Cancers. <i>Cancer Discovery</i> , 2018, 8, 304-319.	7.7	255
1792	Nafamostat mesilate negatively regulates the metastasis of triple-negative breast cancer cells. <i>Archives of Pharmacal Research</i> , 2018, 41, 229-242.	2.7	17
1793	Rapid Mobilization Reveals a Highly Engraftable Hematopoietic Stem Cell. <i>Cell</i> , 2018, 172, 191-204.e10.	13.5	92
1794	The influence of soluble fragments of extracellular matrix (ECM) on tumor growth and morphology. <i>Mathematical Biosciences</i> , 2018, 296, 1-16.	0.9	4

#	ARTICLE	IF	CITATIONS
1795	Do all roads lead to the Rome? The glycation perspective!. <i>Seminars in Cancer Biology</i> , 2018, 49, 9-19.	4.3	42
1796	Glycogen synthase kinase-3 β mediated regulation of matrix metalloproteinase-9 and its involvement in oral squamous cell carcinoma progression and invasion. <i>Cellular Oncology (Dordrecht)</i> , 2018, 41, 47-60.	2.1	43
1797	<i>Treponema denticola</i> chymotrypsin-like proteinase may contribute to orodigestive carcinogenesis through immunomodulation. <i>British Journal of Cancer</i> , 2018, 118, 428-434.	2.9	71
1798	Novel decellularized liver matrix-alginate hybrid gel beads for the 3D culture of hepatocellular carcinoma cells. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 1154-1163.	3.6	30
1799	Role of the extracellular matrix in cancer-associated epithelial to mesenchymal transition phenomenon. <i>Developmental Dynamics</i> , 2018, 247, 368-381.	0.8	67
1800	T cell acute lymphoblastic leukemia (T-ALL): New insights into the cellular origins and infiltration mechanisms common and unique among hematologic malignancies. <i>Blood Reviews</i> , 2018, 32, 36-51.	2.8	120
1801	Role of extracellular matrix in breast cancer development: a brief update. <i>F1000Research</i> , 2018, 7, 274.	0.8	77
1802	NEK2 Promotes Hepatoma Metastasis and Serves as Biomarker for High Recurrence Risk after Hepatic Resection. <i>Annals of Hepatology</i> , 2018, 17, 843-856.	0.6	13
1803	Knockdown of SNHG12 suppresses tumor metastasis and epithelial-mesenchymal transition via the Slug/ZEB2 signaling pathway by targeting miR-218 in NSCLC. <i>Oncology Letters</i> , 2018, 17, 2356-2364.	0.8	25
1804	MT4-MMP Modulates the Expression of miRNAs in Breast Cancer Cells. <i>Archives of Medical Research</i> , 2018, 49, 471-478.	1.5	3
1805	Colorectal Cancer and Mitochondrial Dysfunctions of the Adjunct Adipose Tissues: A Case Study. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	9
1806	Alterations in the expression and activity of extracellular matrix components in HPV-associated infections and diseases. <i>Clinics</i> , 2018, 73, e551s.	0.6	15
1807	Immunohistochemical analysis of matrix metalloproteinase-9 predicts papillary thyroid carcinoma prognosis. <i>Oncology Letters</i> , 2018, 17, 2308-2316.	0.8	10
1808	Cancer-targeted reactive oxygen species-degradable polymer nanoparticles for near infrared light-induced drug release. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7737-7749.	2.9	19
1809	MiR-192, miR-200c and miR-17 are fibroblast-mediated inhibitors of colorectal cancer invasion. <i>Oncotarget</i> , 2018, 9, 35559-35580.	0.8	26
1810	Betulinic acid impairs metastasis and reduces immunosuppressive cells in breast cancer models. <i>Oncotarget</i> , 2018, 9, 3794-3804.	0.8	45
1811	An engineered PD-1-based and MMP-2/9-oriented fusion protein exerts potent antitumor effects against melanoma. <i>BMB Reports</i> , 2018, 51, 572-577.	1.1	4
1812	Anticancer effects of isofraxidin against A549 human lung cancer cells via the EGFR signaling pathway. <i>Molecular Medicine Reports</i> , 2018, 18, 407-414.	1.1	18

#	ARTICLE	IF	CITATIONS
1813	Anti-Metastatic Drug Developments: Work Out towards New Direction. , 2018, 08, .		1
1814	The prognostic value of S100A10 expression in cancer (Review). <i>Oncology Letters</i> , 2019, 17, 1417-1424.	0.8	22
1815	Synthesis, radiosynthesis, in vitro and first in vivo evaluation of a new matrix metalloproteinase inhibitor based on I ¹³¹ -fluorinated I±-sulfonylamino hydroxamic acid. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2018, 3, 10.	1.8	7
1816	Polarized Membrane Trafficking in Development and Disease. , 2018, , 121-146.		1
1817	miR-29b negatively regulates MMP2 to impact gastric cancer development by suppress gastric cancer cell migration and tumor growth. <i>Journal of Cancer</i> , 2018, 9, 3776-3786.	1.2	37
1818	Identification of hub genes with diagnostic values in pancreatic cancer by bioinformatics analyses and supervised learning methods. <i>World Journal of Surgical Oncology</i> , 2018, 16, 223.	0.8	24
1819	Metformin Inhibited Growth, Invasion and Metastasis of Esophageal Squamous Cell Carcinoma in Vitro and in Vivo. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 1276-1286.	1.1	14
1820	Tumor cell density regulates matrix metalloproteinases for enhanced migration. <i>Oncotarget</i> , 2018, 9, 32556-32569.	0.8	26
1821	Promotion of cell-invasive activity through the induction of LPA receptor-1 in pancreatic cancer cells. <i>Journal of Receptor and Signal Transduction Research</i> , 2018, 38, 367-371.	1.3	13
1822	New Insights into the Role of Endoplasmic Reticulum Stress in Breast Cancer Metastasis. <i>Journal of Breast Cancer</i> , 2018, 21, 354.	0.8	25
1823	MMP-1 Over-expression Promotes Malignancy and Stem-Like Properties of Human Osteosarcoma MG-63 Cells In Vitro. <i>Current Medical Science</i> , 2018, 38, 809-817.	0.7	14
1824	Cytokines in adipose-derived mesenchymal stem cells promote the healing of liver disease. <i>World Journal of Stem Cells</i> , 2018, 10, 146-159.	1.3	19
1825	Effect of Stromal Cells in Tumor Microenvironment on Metastasis Initiation. <i>International Journal of Biological Sciences</i> , 2018, 14, 2083-2093.	2.6	225
1826	Uridine-cytidine kinase 2 promotes metastasis of hepatocellular carcinoma cells via the Stat3 pathway. <i>Cancer Management and Research</i> , 2018, Volume 10, 6339-6355.	0.9	30
1827	Nobiletin inhibits breast cancer via p38 mitogen-activated protein kinase, nuclear transcription factor- κ B, and nuclear factor erythroid 2-related factor 2 pathways in MCF-7 cells. <i>Food and Nutrition Research</i> , 2018, 62, .	1.2	31
1828	Expression of KLF9 in pancreatic cancer and its effects on the invasion, migration, apoptosis, cell cycle distribution, and proliferation of pancreatic cancer cell lines. <i>Oncology Reports</i> , 2018, 40, 3852-3860.	1.2	23
1829	Anti-metastatic and anti-proliferative activity of eugenol against triple negative and HER2 positive breast cancer cells. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 321.	3.7	42
1830	Contribution of <i>MMP2</i> Promoter Genotypes to Oral Cancer Susceptibility, Recurrence and Metastasis in Taiwan. <i>Anticancer Research</i> , 2018, 38, 6821-6826.	0.5	14

#	ARTICLE	IF	CITATIONS
1831	DKC1 serves as a potential prognostic biomarker for human clear cell renal cell carcinoma and promotes its proliferation, migration and invasion via the NF- κ B pathway. <i>Oncology Reports</i> , 2018, 40, 968-978.	1.2	17
1832	A Promising Biocompatible Platform: Lipid-Based and Bio-Inspired Smart Drug Delivery Systems for Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3859.	1.8	45
1833	MMP-9 inhibition promotes anti-tumor immunity through disruption of biochemical and physical barriers to T-cell trafficking to tumors. <i>PLoS ONE</i> , 2018, 13, e0207255.	1.1	65
1834	Chemoresistance and the Self-Maintaining Tumor Microenvironment. <i>Cancers</i> , 2018, 10, 471.	1.7	136
1835	Isoliquiritin Apioside Suppresses in vitro Invasiveness and Angiogenesis of Cancer Cells and Endothelial Cells. <i>Frontiers in Pharmacology</i> , 2018, 9, 1455.	1.6	21
1836	The synergistic effect of propofol and ulinastatin suppressed the viability of the human lung adenocarcinoma epithelial A549 cell line. <i>Oncology Letters</i> , 2018, 16, 5191-5199.	0.8	4
1837	Neutrophil extracellular traps produced during inflammation awaken dormant cancer cells in mice. <i>Science</i> , 2018, 361, .	6.0	893
1838	The anti-metastatic effect of ginsenoside Rb2 in colorectal cancer in an EGFR/SOX2-dependent manner. <i>Cancer Medicine</i> , 2018, 7, 5621-5631.	1.3	27
1839	Interferon- γ Combined With Herbal Compound "Songyou Yin" Effectively Inhibits the Increased Invasiveness and Metastasis by Insufficient Radiofrequency Ablation of Hepatocellular Carcinoma in an Animal Model. <i>Integrative Cancer Therapies</i> , 2018, 17, 1260-1269.	0.8	5
1840	Remodeling of Retinal Architecture in Diabetic Retinopathy: Disruption of Ocular Physiology and Visual Functions by Inflammatory Gene Products and Pyroptosis. <i>Frontiers in Physiology</i> , 2018, 9, 1268.	1.3	45
1841	Peptide-Based Multifunctional Nanomaterials for Tumor Imaging and Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1804492.	7.8	94
1842	CCN6-mediated MMP-9 activation enhances metastatic potential of human chondrosarcoma. <i>Cell Death and Disease</i> , 2018, 9, 955.	2.7	25
1843	The Role of PPAR γ in Melanoma Metastasis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2860.	1.8	17
1844	Matrix Metalloproteinase-9 (MMP-9) as a Cancer Biomarker and MMP-9 Biosensors: Recent Advances. <i>Sensors</i> , 2018, 18, 3249.	2.1	448
1845	Roles of the immune system in cancer: from tumor initiation to metastatic progression. <i>Genes and Development</i> , 2018, 32, 1267-1284.	2.7	1,326
1846	Inhibition of Migration and Invasion in Melanoma Cells by β -Escin & via the ERK/NF- κ B Signaling Pathway. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 1606-1610.	0.6	7
1847	Characterization and potential roles of bone marrow-derived stromal cells in cancer development and metastasis. <i>International Journal of Medical Sciences</i> , 2018, 15, 1406-1414.	1.1	11
1848	Impact of MMP-2 and MMP-9 enzyme activity on wound healing, tumor growth and RACPP cleavage. <i>PLoS ONE</i> , 2018, 13, e0198464.	1.1	38

#	ARTICLE	IF	CITATIONS
1849	The protein kinase p38 β destabilizes p63 to limit epidermal stem cell frequency and tumorigenic potential. <i>Science Signaling</i> , 2018, 11, .	1.6	7
1850	Pinostilbene Hydrate Suppresses Human Oral Cancer Cell Metastasis by Downregulation of Matrix Metalloproteinase-2 Through the Mitogen-Activated Protein Kinase Signaling Pathway. <i>Cellular Physiology and Biochemistry</i> , 2018, 50, 911-923.	1.1	23
1851	Andrographolide enhances the anti-metastatic effect of radiation in Ras-transformed cells via suppression of ERK α -mediated MMP-2 activity. <i>PLoS ONE</i> , 2018, 13, e0205666.	1.1	13
1852	Novel Biomimetic Microphysiological Systems for Tissue Regeneration and Disease Modeling. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1077, 87-113.	0.8	3
1853	Roles of Tristetraprolin in Tumorigenesis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3384.	1.8	43
1854	Selectivity Conversion of Protease Inhibitory Antibodies. <i>Antibody Therapeutics</i> , 2018, 1, 75-83.	1.2	1
1855	Biomimetic quantum dot-labeled B16F10 murine melanoma cells as a tool to monitor early steps of lung metastasis by in vivo imaging. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 6391-6412.	3.3	13
1856	Acid-electrolyzed functional water induces extracellular matrix metalloproteinase inducer, a possible novel alarmin, secretion from oral squamous cell carcinoma cell lines. <i>International Journal of Medical Sciences</i> , 2018, 15, 1365-1372.	1.1	4
1857	Tumor Retention of Enzyme-Responsive Pt(II) Drug-Loaded Nanoparticles Imaged by Nanoscale Secondary Ion Mass Spectrometry and Fluorescence Microscopy. <i>ACS Central Science</i> , 2018, 4, 1477-1484.	5.3	39
1858	Priming the seed: <i>Helicobacter pylori</i> alters epithelial cell invasiveness in early gastric carcinogenesis. <i>World Journal of Gastrointestinal Oncology</i> , 2018, 10, 231-243.	0.8	2
1859	The Precise Diagnosis of Cancer Invasion/Metastasis <i>via</i> 2D Laser Ablation Mass Mapping of Metalloproteinase in Primary Cancer Tissue. <i>ACS Nano</i> , 2018, 12, 11139-11151.	7.3	29
1860	<i>Cordyceps militaris</i> fraction inhibits the invasion and metastasis of lung cancer cells through the protein kinase B/glycogen synthase kinase 3 β /catenin signaling pathway. <i>Oncology Letters</i> , 2018, 16, 6930-6939.	0.8	6
1861	Dynamic matrisome: ECM remodeling factors licensing cancer progression and metastasis. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1870, 207-228.	3.3	102
1862	Single-cell RNA sequencing reveals gene expression signatures of breast cancer-associated endothelial cells. <i>Oncotarget</i> , 2018, 9, 10945-10961.	0.8	45
1863	Anti-metastatic effect of 131I-labeled <i>Buthus j. martensii</i> Karsch chlorotoxin in gliomas. <i>International Journal of Molecular Medicine</i> , 2018, 42, 3386-3394.	1.8	4
1864	Stimuli-Responsive Nano-Architecture Drug-Delivery Systems to Solid Tumor Microenvironment: Past, Present, and Future Perspectives. <i>ACS Nano</i> , 2018, 12, 10636-10664.	7.3	320
1865	Rectal Cancer: Redox State of Venous Blood and Tissues of Blood Vessels from Electron Paramagnetic Resonance and Its Correlation with the Five-Year Survival. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	9
1866	Vesicular systems employing natural substances as promising drug candidates for MMP inhibition in glioblastoma: A nanotechnological approach. <i>International Journal of Pharmaceutics</i> , 2018, 551, 339-361.	2.6	19

#	ARTICLE	IF	CITATIONS
1867	Exosomal miR-27a Derived from Gastric Cancer Cells Regulates the Transformation of Fibroblasts into Cancer-Associated Fibroblasts. <i>Cellular Physiology and Biochemistry</i> , 2018, 49, 869-883.	1.1	90
1868	Agonist-Biased Signaling via Matrix Metalloproteinase-9 Promotes Extracellular Matrix Remodeling. <i>Cells</i> , 2018, 7, 117.	1.8	23
1869	Scutellarin inhibits human renal cancer cell proliferation and migration via upregulation of PTEN. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1505-1513.	2.5	49
1870	Matrix metalloproteinase (MMP) and immunosuppressive biomarker profiles of seven head and neck squamous cell carcinoma (HNSCC) cell lines. <i>Translational Cancer Research</i> , 2018, 7, 533-542.	0.4	25
1871	All-Trans Retinoic Acid Enhances Matrix Metalloproteinase 2 Expression and Secretion in Human Myeloid Leukemia THP-1 Cells. <i>BioMed Research International</i> , 2018, 2018, 1-10.	0.9	16
1872	Upregulation of macrophage migration inhibitory factor promotes tumor metastasis and correlates with poor prognosis of pancreatic ductal adenocarcinoma. <i>Oncology Reports</i> , 2018, 40, 2628-2636.	1.2	20
1873	Quantum Dot-Peptide Nanoassembly on Mesoporous Silica Nanoparticle for Biosensing. <i>Nano Hybrids and Composites</i> , 2018, 19, 55-72.	0.8	0
1874	Combination of recurrent oral aphthae and dry eye syndrome may constitute an independent risk factor for oral cavity cancer in elderly women. <i>Cancer Management and Research</i> , 2018, Volume 10, 3273-3281.	0.9	3
1875	Screening key long non-coding RNAs in early-stage colon adenocarcinoma by RNA-sequencing. <i>Epigenomics</i> , 2018, 10, 1215-1228.	1.0	27
1876	The Association of Simultaneous Increase in Interleukin-6, C Reactive Protein, and Matrix Metalloproteinase-9 Serum Levels with Increasing Stages of Colorectal Cancer. <i>Journal of Oncology</i> , 2018, 2018, 1-7.	0.6	13
1877	MiR-519d suppresses breast cancer tumorigenesis and metastasis via targeting MMP3. <i>International Journal of Biological Sciences</i> , 2018, 14, 228-236.	2.6	44
1879	Combinatorial anti-proliferative effects of tamoxifen and naringenin: The role of four estrogen receptor subtypes. <i>Toxicology</i> , 2018, 410, 231-246.	2.0	34
1880	Active targeted drug delivery of MMP-2 sensitive polymeric nanoparticles. <i>Chemical Communications</i> , 2018, 54, 11092-11095.	2.2	25
1881	Cinnamomum Cassia Extracts Suppress Human Lung Cancer Cells Invasion by Reducing u-PA/MMP Expression through the FAK to ERK Pathways. <i>International Journal of Medical Sciences</i> , 2018, 15, 115-123.	1.1	16
1882	Stromal Cells in the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1060, 99-114.	0.8	208
1883	Chemical Tools for Selective Activity Profiling of Endogenously Expressed MMP-14 in Multicellular Models. <i>ACS Chemical Biology</i> , 2018, 13, 2645-2654.	1.6	24
1884	Tumor microenvironment-responsive nanoparticles for cancer theragnostic applications. <i>Biomaterials Research</i> , 2018, 22, 22.	3.2	135
1885	Prediction of MMP-9 inhibitory activity of N-hydroxy- β -phenylsulfonylacetamide derivatives by pharmacophore based modeling and 3-D QSAR studies. <i>Porto Biomedical Journal</i> , 2018, 3, e6.	0.4	5

#	ARTICLE	IF	CITATIONS
1886	Chemopreventive effects of polyphenol-rich extracts against cancer invasiveness and metastasis by inhibition of type IV collagenases expression and activity. <i>Journal of Functional Foods</i> , 2018, 46, 295-311.	1.6	20
1887	Dexamethasone-induced Intra-Uterine Growth Restriction impacts NOSTRIN and its downstream effector genes in the rat mesometrial uterus. <i>Scientific Reports</i> , 2018, 8, 8342.	1.6	12
1888	Tetrandrine suppresses adhesion, migration and invasion of human colon cancer SW620 cells via inhibition of nuclear factor- κ B, matrix metalloproteinase-2 and matrix metalloproteinase-9 signaling pathways. <i>Oncology Letters</i> , 2018, 15, 7716-7724.	0.8	15
1889	The intranuclear PEX domain of MMP involves proliferation, migration, and metastasis of aggressive adenocarcinoma cells. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 7363-7376.	1.2	31
1890	Innate effector cells in angiogenesis and lymphangiogenesis. <i>Current Opinion in Immunology</i> , 2018, 53, 152-160.	2.4	92
1891	PM2.5 exposure significantly improves the exacerbation of A549 tumor-bearing CB17-SCID mice. <i>Environmental Toxicology and Pharmacology</i> , 2018, 60, 169-175.	2.0	16
1892	A Review on Graphene-Based Nanomaterials in Biomedical Applications and Risks in Environment and Health. <i>Nano-Micro Letters</i> , 2018, 10, 53.	14.4	259
1893	The adipose organ and multiple myeloma: Impact of adipokines on tumor growth and potential sites for therapeutic intervention. <i>European Journal of Internal Medicine</i> , 2018, 53, 12-20.	1.0	14
1894	CDK8 regulates the angiogenesis of pancreatic cancer cells in part via the CDK8- β -catenin-KLF2 signal axis. <i>Experimental Cell Research</i> , 2018, 369, 304-315.	1.2	22
1895	Molecular alterations of cancer cell and tumour microenvironment in metastatic gastric cancer. <i>Oncogene</i> , 2018, 37, 4903-4920.	2.6	52
1896	Targeting Drug Conjugates to the Tumor Microenvironment: Probody Drug Conjugates. <i>Cancer Drug Discovery and Development</i> , 2018, , 281-298.	0.2	8
1897	Extracellular Matrix Component Shelled Nanoparticles as Dual Enzyme-Responsive Drug Delivery Vehicles for Cancer Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2404-2411.	2.6	37
1898	Design of an allosterically modulated doxycycline and doxorubicin drug-binding protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5744-5749.	3.3	11
1899	Tocopherols inhibit estrogen-induced cancer stemness and OCT4 signaling in breast cancer. <i>Carcinogenesis</i> , 2018, 39, 1045-1055.	1.3	17
1900	Heterochromatin Modulation and PCG Control of Gene Expression Mediated by Noncoding RNA in Cancer. , 2018, , 359-372.		0
1901	<i>Bis</i> demethoxycurcumin Suppresses Migration and Invasion of Human Cervical Cancer HeLa Cells <i>via</i> Inhibition of NF- κ B, MMP-2 and -9 Pathways. <i>Anticancer Research</i> , 2018, 38, 3989-3997.	0.5	26
1902	In vitro 3D blood/lymph-vascularized human stromal tissues for preclinical assays of cancer metastasis. <i>Biomaterials</i> , 2018, 179, 144-155.	5.7	44
1903	Cancer Metabolism: Current Understanding and Therapies. <i>Chemical Reviews</i> , 2018, 118, 6893-6923.	23.0	161

#	ARTICLE	IF	CITATIONS
1904	LINC complex-Lis1 interplay controls MT1-MMP matrix digest-on-demand response for confined tumor cell migration. <i>Nature Communications</i> , 2018, 9, 2443.	5.8	91
1905	Enzyme-responsive polymers for drug delivery and molecular imaging. , 2018, , 101-119.		6
1906	Dendrimer-drug conjugates. , 2018, , 277-303.		4
1907	The effect of Coenzyme Q10 supplementation on serum levels of lactate, pyruvate, matrix metalloproteinase 9 and nitric oxide in women with migraine. A double blind, placebo, controlled randomized clinical trial. <i>European Journal of Integrative Medicine</i> , 2018, 21, 70-76.	0.8	9
1908	Long non-coding RNA FENDRR inhibits cell proliferation and is associated with good prognosis in breast cancer. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 1403-1412.	1.0	55
1909	LINC00473 predicts poor prognosis and regulates cell migration and invasion in gastric cancer. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1-6.	2.5	38
1910	Low-power and low-drug-dose photodynamic chemotherapy via the breakdown of tumor-targeted micelles by reactive oxygen species. <i>Journal of Controlled Release</i> , 2018, 286, 240-253.	4.8	16
1911	The Role of Ceramide 1-Phosphate in Tumor Cell Survival and Dissemination. <i>Advances in Cancer Research</i> , 2018, 140, 217-234.	1.9	25
1912	Biophysics of Tumor Microenvironment and Cancer Metastasis - A Mini Review. <i>Computational and Structural Biotechnology Journal</i> , 2018, 16, 279-287.	1.9	190
1913	Fisetin inhibits cell migration via inducing HO-1 and reducing MMPs expression in breast cancer cell lines. <i>Food and Chemical Toxicology</i> , 2018, 120, 528-535.	1.8	39
1914	MMP-2-responsive fluorescent nanoprobe for enhanced selectivity of tumor cell uptake and imaging. <i>Biomaterials Science</i> , 2018, 6, 2619-2626.	2.6	19
1915	Autophagic degradation of SQSTM1 inhibits ovarian cancer motility by decreasing DICER1 and AGO2 to induce <i>MIRLET7A-3P</i> . <i>Autophagy</i> , 2018, 14, 2065-2082.	4.3	17
1916	FSP1-positive fibroblasts are adipogenic niche and regulate adipose homeostasis. <i>PLoS Biology</i> , 2018, 16, e2001493.	2.6	31
1917	Targeting intracellular MMPs efficiently inhibits tumor metastasis and angiogenesis. <i>Theranostics</i> , 2018, 8, 2830-2845.	4.6	62
1918	SB431542 inhibited cigarette smoke extract induced invasiveness of A549 cells via the TGF β 1/Smad2/MMP3 pathway. <i>Oncology Letters</i> , 2018, 15, 9681-9686.	0.8	9
1919	Tumor-associated neutrophils suppress pro-tumoral IL-17+ γ T cells through induction of oxidative stress. <i>PLoS Biology</i> , 2018, 16, e2004990.	2.6	86
1920	Stimuli-Responsive Polypeptides for Biomedical Applications. <i>Polymers</i> , 2018, 10, 830.	2.0	13
1921	RNA interference screening identifies clathrin-B and cofilin-1 as mediators of MT1-MMP in endometrial cancer. <i>Experimental Cell Research</i> , 2018, 370, 663-670.	1.2	6

#	ARTICLE	IF	CITATIONS
1922	Use of a novel camelid-inspired human antibody demonstrates the importance of MMP-14 to cancer stem cell function in the metastatic process. <i>Oncotarget</i> , 2018, 9, 29431-29444.	0.8	12
1923	Protease-Activated Receptor 1 as Therapeutic Target in Breast, Lung, and Ovarian Cancer: Pepducin Approach. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2237.	1.8	41
1924	The Blood-Brain Barrier and the EphR/Ephrin System: Perspectives on a Link Between Neurovascular and Neuropsychiatric Disorders. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 127.	1.4	22
1925	Targeting Macrophages in Cancer: From Bench to Bedside. <i>Frontiers in Oncology</i> , 2018, 8, 49.	1.3	385
1926	Smart Nanoprobes for Visualization of Tumor Microenvironments. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800391.	3.9	47
1927	Glucose starvation induces LKB1-AMPK-mediated MMP-9 expression in cancer cells. <i>Scientific Reports</i> , 2018, 8, 10122.	1.6	68
1928	Malignant invasion of the central nervous system: the hidden face of a poorly understood outcome of prostate cancer. <i>World Journal of Urology</i> , 2018, 36, 2009-2019.	1.2	13
1929	Multidimensional communication in the microenvirons of glioblastoma. <i>Nature Reviews Neurology</i> , 2018, 14, 482-495.	4.9	357
1930	Decreased Invasion of Urothelial Carcinoma of the Bladder by Inhibition of Matrix-Metalloproteinase 7. <i>Bladder Cancer</i> , 2018, 4, 67-75.	0.2	11
1931	Cellular and Molecular Mediators of Bone Metastatic Lesions. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1709.	1.8	15
1932	Bioactive Compounds from <i>Posidonia oceanica</i> (L.) Delile Impair Malignant Cell Migration through Autophagy Modulation. <i>Marine Drugs</i> , 2018, 16, 137.	2.2	27
1933	New Terpenoids from <i>Chamaecyparis formosensis</i> (Cupressaceae) Leaves with Modulatory Activity on Matrix Metalloproteases 2 and 9. <i>Molecules</i> , 2018, 23, 604.	1.7	1
1934	Three-Dimensional Hepatocellular Carcinoma/Fibroblast Model on a Nanofibrous Membrane Mimics Tumor Cell Phenotypic Changes and Anticancer Drug Resistance. <i>Nanomaterials</i> , 2018, 8, 64.	1.9	4
1935	Visualization of MMP-2 Activity Using Dual-Probe Nanoparticles to Detect Potential Metastatic Cancer Cells. <i>Nanomaterials</i> , 2018, 8, 119.	1.9	10
1936	Mathematical Modeling of Metastatic Cancer Migration through a Remodeling Extracellular Matrix. <i>Processes</i> , 2018, 6, 58.	1.3	16
1937	Matrix metalloproteinase 12 expression is associated with tumor FOXP3+ regulatory T cell infiltration and poor prognosis in hepatocellular carcinoma. <i>Oncology Letters</i> , 2018, 16, 475-482.	0.8	17
1938	Recurrent aphthous stomatitis may be a precursor or risk factor for specific cancers: A case-control frequency-matched study. <i>Cancer Medicine</i> , 2018, 7, 4104-4114.	1.3	6
1939	Basement Membranes in Development and Disease. <i>Current Topics in Developmental Biology</i> , 2018, 130, 143-191.	1.0	131

#	ARTICLE	IF	CITATIONS
1940	Rational Engineering a Multichannel Upconversion Sensor for Multiplex Detection of Matrix Metalloproteinase Activities. <i>ACS Sensors</i> , 2018, 3, 1522-1530.	4.0	36
1941	Rhaponticin decreases the metastatic and angiogenic abilities of cancer cells via suppression of the HIF-1 α pathway. <i>International Journal of Oncology</i> , 2018, 53, 1160-1170.	1.4	21
1942	Optimization of a MT1-MMP-targeting Peptide and Its Application in Near-infrared Fluorescence Tumor Imaging. <i>Scientific Reports</i> , 2018, 8, 10334.	1.6	8
1943	A drug-delivering-drug strategy for combined treatment of metastatic breast cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2678-2688.	1.7	24
1945	Adenosine diphosphate regulates MMP2 and MMP9 activity in malignant mesothelioma cells. <i>Annals of the New York Academy of Sciences</i> , 2018, 1431, 72-84.	1.8	10
1946	MMP-Responsive α -Smart TM Drug Delivery and Tumor Targeting. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 766-781.	4.0	185
1947	Stimuli-responsive polymeric micelles for drug delivery and cancer therapy. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2921-2942.	3.3	278
1948	Polymer-Mediated Delivery of siRNAs to Hepatocellular Carcinoma: Variables Affecting Specificity and Effectiveness. <i>Molecules</i> , 2018, 23, 777.	1.7	18
1949	Multifunctional Magnetic Mesoporous Silica Nanoagents for <i>in vivo</i> Enzyme-Responsive Drug Delivery and MR Imaging. <i>Nanotheranostics</i> , 2018, 2, 233-242.	2.7	60
1950	Interaction of STAT3 and RelB modulates MMP-1 in colon cancer. <i>Chemico-Biological Interactions</i> , 2018, 293, 94-99.	1.7	7
1951	Sleeping Beauty and the Microenvironment Enchantment: Microenvironmental Regulation of the Proliferation-Quiescence Decision in Normal Tissues and in Cancer Development. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 59.	1.8	43
1952	Identification of novel enriched recurrent chimeric COL7A1-UCN2 in human laryngeal cancer samples using deep sequencing. <i>BMC Cancer</i> , 2018, 18, 248.	1.1	6
1953	Cyclic Peptides for Efficient Detection of Collagen. <i>ChemBioChem</i> , 2018, 19, 1613-1617.	1.3	14
1954	Chitin synthesis inhibitors promote liver cancer cell metastasis via interfering with hypoxia-inducible factor 1 α . <i>Chemosphere</i> , 2018, 206, 231-237.	4.2	19
1955	RXR α provokes tumor suppression through p53/p21/p16 and PI3K-AKT signaling pathways during stem cell differentiation and in cancer cells. <i>Cell Death and Disease</i> , 2018, 9, 532.	2.7	23
1956	The application of a three-dimensional visualized seed planning and navigation system in ¹²⁵ I seed implantation for pancreatic cancer. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 619-627.	1.0	5
1957	Liquiritigenin attenuates high glucose-induced mesangial matrix accumulation, oxidative stress, and inflammation by suppression of the NF- κ B and NLRP3 inflammasome pathways. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 976-982.	2.5	61
1958	Lysophosphatidic acid receptor-2 (LPA2) and LPA5 regulate cellular functions during tumor progression in fibrosarcoma HT1080 cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 2698-2703.	1.0	22

#	ARTICLE	IF	CITATIONS
1959	Triumph and tumult of matrix metalloproteinases and their crosstalk with eicosanoids in cancer. <i>Cancer and Metastasis Reviews</i> , 2018, 37, 279-288.	2.7	7
1960	FBP1 promotes ovarian cancer development through the acceleration of cell cycle transition and metastasis. <i>Oncology Letters</i> , 2018, 16, 1682-1688.	0.8	11
1961	The selectivity of galardin and an azasugar-based hydroxamate compound for human matrix metalloproteases and bacterial metalloproteases. <i>PLoS ONE</i> , 2018, 13, e0200237.	1.1	11
1962	Recent progresses in small-molecule enzymatic fluorescent probes for cancer imaging. <i>Chemical Society Reviews</i> , 2018, 47, 7140-7180.	18.7	689
1963	Matrix metalloprotease triggered bioresponsive drug delivery systems – Design, synthesis and application. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 131, 189-202.	2.0	17
1964	TGF- β 1-SOX9 axis-inducible COL10A1 promotes invasion and metastasis in gastric cancer via epithelial-to-mesenchymal transition. <i>Cell Death and Disease</i> , 2018, 9, 849.	2.7	128
1965	Loss of neural crest-associated gene <i>FOXD1</i> impairs melanoma invasion and migration via <i>RAC1B</i> downregulation. <i>International Journal of Cancer</i> , 2018, 143, 2962-2972.	2.3	25
1966	Berberine Inhibits Human Melanoma A375.S2 Cell Migration and Invasion via Affecting the FAK, uPA, and NF- κ B Signaling Pathways and Inhibits PLX4032 Resistant A375.S2 Cell Migration In Vitro. <i>Molecules</i> , 2018, 23, 2019.	1.7	29
1967	Calprotectin (S100A8/S100A9): a key protein between inflammation and cancer. <i>Inflammation Research</i> , 2018, 67, 801-812.	1.6	157
1968	Dose-Dependent Antifibrotic Effect of Chrysin on Regression of Liver Fibrosis: The Role in Extracellular Matrix Remodeling. <i>Dose-Response</i> , 2018, 16, 155932581878983.	0.7	17
1969	Proteolytic single hinge cleavage of pertuzumab impairs its Fc effector function and antitumor activity in vitro and in vivo. <i>Breast Cancer Research</i> , 2018, 20, 43.	2.2	15
1970	Metformin inhibits human breast cancer cell growth by promoting apoptosis via a ROS-independent pathway involving mitochondrial dysfunction: pivotal role of superoxide dismutase (SOD). <i>Cellular Oncology (Dordrecht)</i> , 2018, 41, 637-650.	2.1	74
1971	MicroRNAs as critical regulators of matrix metalloproteinases in cancer. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 8694-8712.	1.2	25
1973	Upregulating MMP-1 in carcinoma-associated fibroblasts reduces the efficacy of Taxotere on breast cancer synergized by Collagen IV. <i>Oncology Letters</i> , 2018, 16, 3537-3544.	0.8	25
1974	Altered p53 functionality in cancer-associated fibroblasts contributes to their cancer-supporting features. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6410-6415.	3.3	81
1975	A Review of Prostate Cancer Genome-Wide Association Studies (GWAS). <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018, 27, 845-857.	1.1	118
1976	Optical imaging of ovarian cancer using a matrix metalloproteinase-3-sensitive near-infrared fluorescent probe. <i>PLoS ONE</i> , 2018, 13, e0192047.	1.1	8
1977	Chronic liver injury promotes hepatocarcinoma cell seeding and growth, associated with infiltration by macrophages. <i>Cancer Science</i> , 2018, 109, 2141-2152.	1.7	21

#	ARTICLE	IF	CITATIONS
1978	Surface-grafted polyethylene glycol conformation impacts the transport of PEG-functionalized liposomes through a tumour extracellular matrix model. <i>RSC Advances</i> , 2018, 8, 7697-7708.	1.7	40
1979	High mobility group box 1 promotes the epithelial-to-mesenchymal transition in prostate cancer PC3 cells via the RAGE/NF- κ B signaling pathway. <i>International Journal of Oncology</i> , 2018, 53, 659-671.	1.4	39
1980	MMP-2 and MMP-9 contribute to the angiogenic effect produced by hypoxia/15-HETE in pulmonary endothelial cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 121, 36-50.	0.9	65
1981	High turnover of extracellular matrix reflected by specific protein fragments measured in serum is associated with poor outcomes in two metastatic breast cancer cohorts. <i>International Journal of Cancer</i> , 2018, 143, 3027-3034.	2.3	41
1982	Epidermal growth factor receptor-mediated regulation of matrix metalloproteinase-2 and matrix metalloproteinase-9 in MCF-7 breast cancer cells. <i>Molecular and Cellular Biochemistry</i> , 2019, 452, 111-121.	1.4	24
1983	Graphene-Based Smart Platforms for Combined Cancer Therapy. <i>Advanced Materials</i> , 2019, 31, e1800662.	11.1	233
1984	Post-surgical resection prognostic value of combined OPN, MMP7, and PSG9 plasma biomarkers in hepatocellular carcinoma. <i>Frontiers of Medicine</i> , 2019, 13, 250-258.	1.5	16
1985	Efficacy of punarnavine in restraining organ-specific tumour progression in 4T1-induced murine breast tumour model. <i>Inflammopharmacology</i> , 2019, 27, 701-712.	1.9	4
1986	CDH17 alters MMP-2 expression via canonical NF- κ B signalling in human gastric cancer. <i>Gene</i> , 2019, 682, 92-100.	1.0	12
1987	Matrix metalloproteinases sensitive multifunctional micelles for inhibition of metastatic tumor growth and metastasis. <i>Powder Technology</i> , 2019, 358, 3-12.	2.1	3
1988	The mechanical and pharmacological regulation of glioblastoma cell migration in 3D matrices. <i>Journal of Cellular Physiology</i> , 2019, 234, 3948-3960.	2.0	31
1989	Locally Targeting the IL-17/IL-17RA Axis Reduced Tumor Growth in a Murine B16F10 Melanoma Model. <i>Human Gene Therapy</i> , 2019, 30, 273-285.	1.4	18
1990	Probing the biological obstacles of nanomedicine with gold nanoparticles. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2019, 11, e1542.	3.3	51
1991	On the Horizon: Targeting Next-Generation Immune Checkpoints for Cancer Treatment. <i>Chemotherapy</i> , 2019, 64, 62-80.	0.8	34
1992	Fucosyltransferase 8 deficiency suppresses breast cancer cell migration by interference of the FAK/integrin pathway. <i>Cancer Biomarkers</i> , 2019, 25, 303-311.	0.8	15
1993	HMGA1 exacerbates tumor progression by activating miR-222 through PI3K/Akt/MMP-9 signaling pathway in uveal melanoma. <i>Cellular Signalling</i> , 2019, 63, 109386.	1.7	26
1994	Silencing microRNA-330-5p increases MMP1 expression and promotes an invasive phenotype in oesophageal adenocarcinoma. <i>BMC Cancer</i> , 2019, 19, 784.	1.1	10
1995	Paradoxical Role of Glypican-1 in Prostate Cancer Cell and Tumor Growth. <i>Scientific Reports</i> , 2019, 9, 11478.	1.6	15

#	ARTICLE	IF	CITATIONS
1996	Dynamic supraparticles for the treatment of age-related diseases. <i>Science Bulletin</i> , 2019, 64, 1850-1874.	4.3	9
1997	Metalloprotease inhibitor TIMP proteins control FGF-2 bioavailability and regulate skeletal growth. <i>Journal of Cell Biology</i> , 2019, 218, 3134-3152.	2.3	16
1998	Potent delivery of an MMP inhibitor to the tumor microenvironment with thermosensitive liposomes for the suppression of metastasis and angiogenesis. <i>Signal Transduction and Targeted Therapy</i> , 2019, 4, 26.	7.1	50
1999	Matrix Metalloproteinase Expressions Play Important role in Prediction of Ovarian Cancer Outcome. <i>Scientific Reports</i> , 2019, 9, 11677.	1.6	25
2000	Co-chaperones TIMP2 and AHA1 Competitively Regulate Extracellular HSP90:Client MMP2 Activity and Matrix Proteolysis. <i>Cell Reports</i> , 2019, 28, 1894-1906.e6.	2.9	50
2001	The application of nanotechnology in enhancing immunotherapy for cancer treatment: current effects and perspective. <i>Nanoscale</i> , 2019, 11, 17157-17178.	2.8	59
2002	Acceleration of wound healing activity with syringic acid in streptozotocin induced diabetic rats. <i>Life Sciences</i> , 2019, 233, 116728.	2.0	48
2003	Axl signaling is an important mediator of tumor angiogenesis. <i>Oncotarget</i> , 2019, 10, 2887-2898.	0.8	32
2004	Long intergenic noncoding RNA SNHG16 interacts with miR-195 to promote proliferation, invasion and tumorigenesis in hepatocellular carcinoma. <i>Experimental Cell Research</i> , 2019, 383, 111501.	1.2	31
2005	Bacteria-Assisted Selective Photothermal Therapy for Precise Tumor Inhibition. <i>Advanced Functional Materials</i> , 2019, 29, 1904093.	7.8	58
2006	The Polycomb Repressor Complex 1 Drives Double-Negative Prostate Cancer Metastasis by Coordinating Stemness and Immune Suppression. <i>Cancer Cell</i> , 2019, 36, 139-155.e10.	7.7	131
2007	Clinicohistopathological implications of MMP/VEGF expression in retinoblastoma: a combined meta-analysis and bioinformatics analysis. <i>Journal of Translational Medicine</i> , 2019, 17, 226.	1.8	12
2008	Function of p21 (Cip1/Waf1/CDKN1A) in Migration and Invasion of Cancer and Trophoblastic Cells. <i>Cancers</i> , 2019, 11, 989.	1.7	23
2009	Mechanochemical Signaling of the Extracellular Matrix in Epithelial-Mesenchymal Transition. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 135.	1.8	91
2010	The Emerging Role of Neutrophil Extracellular Traps in Respiratory Disease. <i>Chest</i> , 2019, 156, 774-782.	0.4	133
2011	Structural optimization of cyclic peptides that efficiently detect denatured collagen. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7380-7387.	1.5	11
2012	Predictive models of protease specificity based on quantitative protease-activity profiling data. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 140253.	1.1	1
2013	Tumor-associated macrophages in tumor metastasis: biological roles and clinical therapeutic applications. <i>Journal of Hematology and Oncology</i> , 2019, 12, 76.	6.9	866

#	ARTICLE	IF	CITATIONS
2014	<p>TGFÎ21 is essential for MSCs-CAFs differentiation and promotes HCT116 cells migration and invasion via JAK/STAT3 signaling<p>. OncoTargets and Therapy, 2019, Volume 12, 5323-5334.	1.0	35
2015	Regulation of Gene Expression under Hypoxic Conditions. International Journal of Molecular Sciences, 2019, 20, 3278.	1.8	65
2016	Changing landscape of optical imaging in skeletal metastases. Journal of Bone Oncology, 2019, 17, 100249.	1.0	6
2017	Predicted Markers of Overall Survival in Pancreatic Cancer Patients Receiving Dendritic Cell Vaccinations Targeting WT1. Oncology, 2019, 97, 135-148.	0.9	9
2018	Septin 9 isoforms promote tumorigenesis in mammary epithelial cells by increasing migration and ECM degradation through metalloproteinase secretion at focal adhesions. Oncogene, 2019, 38, 5839-5859.	2.6	24
2019	Pre-labelling versus direct labelling of anthrax proteins for imaging of matrix metalloproteinases activity using DOTA-GA. Nuclear Medicine and Biology, 2019, 72-73, 49-54.	0.3	3
2020	TIMP-2 inhibits metastasis and predicts prognosis of colorectal cancer via regulating MMP-9. Cell Adhesion and Migration, 2019, 13, 272-283.	1.1	30
2021	Platelet-secreted CCL3 and its receptor CCR5 promote invasive and migratory abilities of anaplastic thyroid carcinoma cells via MMP-1. Cellular Signalling, 2019, 63, 109363.	1.7	15
2022	Tyrosine 51 residue of the syndecan-2 extracellular domain is involved in the interaction with and activation of pro-matrix metalloproteinase-7. Scientific Reports, 2019, 9, 10625.	1.6	6
2023	Markers of Cancer Cell Invasion: Are They Good Enough?. Journal of Clinical Medicine, 2019, 8, 1092.	1.0	47
2024	<p>G protein-coupled receptor kinase 2 regulating Î2-adrenergic receptor signaling in M2-polarized macrophages contributes to hepatocellular carcinoma progression<p>. OncoTargets and Therapy, 2019, Volume 12, 5499-5513.	1.0	11
2025	Applicability Domain of Active Learning in Chemical Probe Identification: Convergence in Learning from Non-Specific Compounds and Decision Rule Clarification. Molecules, 2019, 24, 2716.	1.7	7
2026	Chlorogenic Acid Alleviates Thiram-Induced Tibial Dyschondroplasia by Modulating Caspases, BECN1 Expression and ECM Degradation. International Journal of Molecular Sciences, 2019, 20, 3160.	1.8	22
2027	A Bifunctional Molecule with Lectin and Protease Inhibitor Activities Isolated from Crataeva tapia Bark Significantly Affects Cocultures of Mesenchymal Stem Cells and Glioblastoma Cells. Molecules, 2019, 24, 2109.	1.7	12
2028	Breast cancer invasion and progression by MMP-9 through Ets-1 transcription factor. Gene, 2019, 711, 143952.	1.0	54
2029	Dysregulation of MiR-519d Affects Oral Squamous Cell Carcinoma Invasion and Metastasis by Targeting MMP3. Journal of Cancer, 2019, 10, 2720-2734.	1.2	25
2030	Intratumoral fate of functional nanoparticles in response to microenvironment factor: Implications on cancer diagnosis and therapy. Advanced Drug Delivery Reviews, 2019, 143, 37-67.	6.6	79
2032	Tumor Niche Disruption and Metastasis: The Role of Epithelial-Mesenchymal Transition (EMT). Learning Materials in Biosciences, 2019, , 159-189.	0.2	1

#	ARTICLE	IF	CITATIONS
2033	Engineering approaches to studying cancer cell migration in three-dimensional environments. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180219.	1.8	9
2034	Antitumor activity of alantolactone in lung cancer cell lines NCI-H1299 and Anip973. <i>Journal of Food Biochemistry</i> , 2019, 43, e12972.	1.2	15
2035	Contribution of Matrix Metalloproteinase-2 Promoter Genotypes to Nasopharyngeal Cancer Susceptibility and Metastasis in Taiwan. <i>Cancer Genomics and Proteomics</i> , 2019, 16, 287-292.	1.0	12
2036	Functional mimetic peptide discovery isolated by phage display interacts selectively to fibronectin domain and inhibits gelatinase. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 19699-19711.	1.2	6
2037	Combretastatin A4 Nanodrug-Induced MMP9 Amplification Boosts Tumor-Selective Release of Doxorubicin Prodrug. <i>Advanced Materials</i> , 2019, 31, e1904278.	11.1	88
2038	769 Interleukin-10 enhances DNA damage in human melanocytes. <i>Journal of Investigative Dermatology</i> , 2019, 139, S132.	0.3	0
2039	Persistent Chemiluminescent Glow of Phenoxy-dioxetane Luminophore Enables Unique CREB-Based Detection of Proteases. <i>Chemistry - A European Journal</i> , 2019, 25, 14679-14687.	1.7	34
2040	Identification of novel Nrf2 target genes as prognostic biomarkers in colitis-associated colorectal cancer in Nrf2-deficient mice. <i>Life Sciences</i> , 2019, 238, 116968.	2.0	14
2041	c-Myc transactivates GP73 and promotes metastasis of hepatocellular carcinoma cells through GP73-mediated MMP-7 trafficking in a mildly hypoxic microenvironment. <i>Oncogenesis</i> , 2019, 8, 58.	2.1	19
2042	The Protein Mat(ers) Revealing the Biologically Relevant Mechanical Contribution of Collagen- and Fibronectin-Coated Micropatterns. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 41791-41798.	4.0	4
2044	Aromatase-induced endogenous estrogen promotes tumour metastasis through estrogen receptor-1/matrix metalloproteinase 12 axis activation in castration-resistant prostate cancer. <i>Cancer Letters</i> , 2019, 467, 72-84.	3.2	17
2045	Luteolin inhibits proliferation and induces apoptosis of human melanoma cells <i>in vivo</i> and <i>in vitro</i> by suppressing MMP-2 and MMP-9 through the PI3K/AKT pathway. <i>Food and Function</i> , 2019, 10, 703-712.	2.1	80
2046	Delivery of Immunotherapeutic Nanoparticles to Tumors via Enzyme-Directed Assembly. <i>Advanced Healthcare Materials</i> , 2019, 8, e1901105.	3.9	35
2047	Bioactuators based on stimulus-responsive hydrogels and their emerging biomedical applications. <i>NPG Asia Materials</i> , 2019, 11, .	3.8	202
2048	Knockdown of Pyruvate Kinase M2 Inhibits Cell Proliferation, Metabolism, and Migration in Renal Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5622.	1.8	18
2049	ROLES OF MATRIX METALLOPROTEINASES (MMPS) IN CANCER PROGRESSION: A REVIEW. <i>International Research Journal of Pharmacy</i> , 2019, 10, 12-15.	0.0	1
2050	Dual functional matrix metalloproteinase-responsive curcumin-loaded nanoparticles for tumor-targeted treatment. <i>Drug Delivery</i> , 2019, 26, 1027-1038.	2.5	15
2051	Ultra-sensitive Biopolymer Micelles Based on Nuclear Base Pairs for Specific Tumor-Targeted Drug Delivery. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900309.	1.1	4

#	ARTICLE	IF	CITATIONS
2052	Self-assembling peptide-based nanodrug delivery systems. <i>Biomaterials Science</i> , 2019, 7, 4888-4911.	2.6	51
2053	Metastatic-niche labelling reveals parenchymal cells with stem features. <i>Nature</i> , 2019, 572, 603-608.	13.7	139
2054	Notch and breast cancer metastasis: Current knowledge, new sights and targeted therapy (Review). <i>Oncology Letters</i> , 2019, 18, 2743-2755.	0.8	23
2055	An integrated bioinformatics analysis of potential therapeutic targets among matrix metalloproteinases in breast cancer. <i>Oncology Letters</i> , 2019, 18, 2985-2994.	0.8	2
2056	Carnosol, a Natural Polyphenol, Inhibits Migration, Metastasis, and Tumor Growth of Breast Cancer via a ROS-Dependent Proteasome Degradation of STAT3. <i>Frontiers in Oncology</i> , 2019, 9, 743.	1.3	52
2057	A novel hydrazide compound exerts anti-metastatic effect against breast cancer. <i>Biological Research</i> , 2019, 52, 40.	1.5	6
2058	Podoplanin-Expressing Macrophages Promote Lymphangiogenesis and Lymphoinvasion in Breast Cancer. <i>Cell Metabolism</i> , 2019, 30, 917-936.e10.	7.2	150
2060	BRCA-1 depletion impairs pro-inflammatory polarization and activation of RAW 264.7 macrophages in a NF- κ B-dependent mechanism. <i>Molecular and Cellular Biochemistry</i> , 2019, 462, 11-23.	1.4	3
2061	pH- and enzyme-triggered drug release as an important process in the design of anti-tumor drug delivery systems. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109340.	2.5	46
2062	Potential applications of nanoparticles for tumor microenvironment remodeling to ameliorate cancer immunotherapy. <i>International Journal of Pharmaceutics</i> , 2019, 570, 118636.	2.6	24
2063	The role of proteases in epithelial-to-mesenchymal cell transitions in cancer. <i>Cancer and Metastasis Reviews</i> , 2019, 38, 431-444.	2.7	28
2064	Rapid establishment of highly migratory cells from cancer cells for investigating cellular functions. <i>Journal of Receptor and Signal Transduction Research</i> , 2019, 39, 194-198.	1.3	1
2065	Recombinant porcine NK-lysin inhibits the invasion of hepatocellular carcinoma cells in vitro. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 1249-1259.	3.6	5
2066	MMP14 in Sarcoma: A Regulator of Tumor Microenvironment Communication in Connective Tissues. <i>Cells</i> , 2019, 8, 991.	1.8	59
2067	Afatinib, an EGFR inhibitor, decreases EMT and tumorigenesis of Huh-7 cells by regulating the ERK-VEGF/MMP9 signaling pathway. <i>Molecular Medicine Reports</i> , 2019, 20, 3317-3325.	1.1	18
2068	Metastasis of Cancer Stem Cells Developed in the Microenvironment of Hepatocellular Carcinoma. <i>Bioengineering</i> , 2019, 6, 73.	1.6	23
2069	Future Needs in Mast Cell Biology. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4397.	1.8	83
2070	Novel breast cancer screening: combined expression of miR-21 and MMP-1 in urinary exosomes detects 95% of breast cancer without metastasis. <i>Scientific Reports</i> , 2019, 9, 13595.	1.6	51

#	ARTICLE	IF	CITATIONS
2071	The multi-factorial nature of clinical multidrug resistance in cancer. <i>Drug Resistance Updates</i> , 2019, 46, 100645.	6.5	324
2072	Tlpe1 suppresses the invasion and migration of breast cancer cells and inhibits epithelial-to-mesenchymal transition primarily via the ERK signaling pathway. <i>Acta Biochimica Et Biophysica Sinica</i> , 2019, 51, 1008-1015.	0.9	13
2073	Optical Molecular Imaging of Inflammatory Cells in Interventional Medicine—An Emerging Strategy. <i>Frontiers in Oncology</i> , 2019, 9, 882.	1.3	7
2074	Effects of Lidocaine and Src Inhibition on Metastasis in a Murine Model of Breast Cancer Surgery. <i>Cancers</i> , 2019, 11, 1414.	1.7	32
2075	Oncological Risk in Autologous Stem Cell Donation for Novel Tissue-Engineering Approaches to Postmastectomy Breast Regeneration. <i>Breast Cancer: Basic and Clinical Research</i> , 2019, 13, 117822341986489.	0.6	2
2076	Inhibitory effects of 4-hydroperoxy-2-decenoic acid ethyl ester on phorbol ester- and TGF- β 1-induced MMPs expression. <i>Free Radical Research</i> , 2019, 53, 1051-1059.	1.5	2
2077	Ureaplasma Urealyticum Infection Contributes to the Development of Pelvic Endometriosis Through Toll-Like Receptor 2. <i>Frontiers in Immunology</i> , 2019, 10, 2373.	2.2	13
2078	Opioids and matrix metalloproteinases: the influence of morphine on MMP-9 production and cancer progression. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019, 392, 123-133.	1.4	15
2079	Development of organic semiconducting materials for deep-tissue optical imaging, phototherapy and photoactivation. <i>Chemical Society Reviews</i> , 2019, 48, 38-71.	18.7	917
2080	Tumor Extracellular Matrix Remodeling: New Perspectives as a Circulating Tool in the Diagnosis and Prognosis of Solid Tumors. <i>Cells</i> , 2019, 8, 81.	1.8	69
2081	Sevoflurane inhibits the migration and invasion of colorectal cancer cells through regulating ERK/MMP-9 pathway by up-regulating miR-203. <i>European Journal of Pharmacology</i> , 2019, 850, 43-52.	1.7	61
2082	Quantitatively Visualizing Tumor-Related Protease Activity <i>in Vivo</i> Using a Ratiometric Photoacoustic Probe. <i>Journal of the American Chemical Society</i> , 2019, 141, 3265-3273.	6.6	123
2083	Interpenetrating Polymer Network Hydrogels of Gelatin and Poly(ethylene glycol) as an Engineered 3D Tumor Microenvironment. <i>Macromolecular Research</i> , 2019, 27, 205-211.	1.0	12
2084	Novel benzofuran derivative DK-1014 attenuates lung inflammation via blocking of MAPK/AP-1 and AKT/mTOR signaling <i>in vitro</i> and <i>in vivo</i> . <i>Scientific Reports</i> , 2019, 9, 862.	1.6	12
2085	MIX2: A Novel Natural Multi-Component Modulator of Multidrug-Resistance and Hallmarks of Cancer Cells. <i>Nutrition and Cancer</i> , 2019, 71, 334-347.	0.9	10
2086	miR-145 inhibits tumor occurrence and metastasis through the NF- κ B signaling pathway by targeting TLR4 in malignant melanoma. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 11115-11126.	1.2	33
2088	Smart Nanodrug with Nuclear Localization Sequences in the Presence of MMP-2 To Overcome Biobarriers and Drug Resistance. <i>Chemistry - A European Journal</i> , 2019, 25, 1895-1900.	1.7	19
2090	Polymer Composite Strategies in Cancer Therapy, Augment Stem Cell Osteogenesis, Diagnostics in the Central Nervous System, and Drug Delivery. <i>Lecture Notes in Bioengineering</i> , 2019, , 235-270.	0.3	0

#	ARTICLE	IF	CITATIONS
2091	Polymer Nanocomposites in Biomedical Engineering. Lecture Notes in Bioengineering, 2019, , .	0.3	17
2092	Cloning and characteristic of MMP1 gene from <i>Hyriopsis cumingii</i> and collagen hydrolytic activity of its recombinant protein. <i>Gene</i> , 2019, 693, 92-100.	1.0	4
2093	The effect of Jianpi Yangzheng Xiaozheng Decoction and its components on gastric cancer. <i>Journal of Ethnopharmacology</i> , 2019, 235, 56-64.	2.0	24
2094	MT4-MMP: The GPI-Anchored Membrane-Type Matrix Metalloprotease with Multiple Functions in Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 354.	1.8	23
2095	Quantifying lithium concentration gradients in the graphite electrode of Li-ion cells using <i>in operando</i> energy dispersive X-ray diffraction. <i>Energy and Environmental Science</i> , 2019, 12, 656-665.	15.6	126
2096	Microfluidic modelling of the tumor microenvironment for anti-cancer drug development. <i>Lab on A Chip</i> , 2019, 19, 369-386.	3.1	182
2097	Metastasis inhibition in breast cancer by targeting cancer cell extravasation. <i>Breast Cancer: Targets and Therapy</i> , 2019, Volume 11, 165-178.	1.0	19
2098	The oncoprotein HBXIP facilitates metastasis of hepatocellular carcinoma cells by activation of MMP15 expression. <i>Cancer Management and Research</i> , 2019, Volume 11, 4529-4540.	0.9	21
2099	A coiled-coil masking domain for selective activation of therapeutic antibodies. <i>Nature Biotechnology</i> , 2019, 37, 761-765.	9.4	55
2100	MMP-9 secreted by tumor associated macrophages promoted gastric cancer metastasis through a PI3K/AKT/Snail pathway. <i>Biomedicine and Pharmacotherapy</i> , 2019, 117, 109096.	2.5	68
2101	A pan-cancer perspective of matrix metalloproteases (MMP) gene expression profile and their diagnostic/prognostic potential. <i>BMC Cancer</i> , 2019, 19, 581.	1.1	198
2102	pH-Triggered Conformational Change of Antiparticle-Based Drug Delivery Platform for Tumor Treatment with Combined Photothermal Therapy and Chemotherapy. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900306.	3.9	11
2103	IFN- γ : A cytokine at the right time, is in the right place. <i>Seminars in Immunology</i> , 2019, 43, 101280.	2.7	134
2104	Targeting of an antecedent proteinase by an activatable probe with deep tissue penetration facilitates early visualization and dynamic malignancy evaluation of orthotopic pancreatic ductal adenocarcinoma (PDAC). <i>Biomaterials Science</i> , 2019, 7, 3320-3333.	2.6	8
2105	Apoptosis-promoting and migration-suppressing effect of alantolactone on gastric cancer cell lines BGC-823 and SGC-7901 via regulating p38MAPK and NF- κ B pathways. <i>Human and Experimental Toxicology</i> , 2019, 38, 1132-1144.	1.1	15
2106	Tumor-proximal liquid biopsy to improve diagnostic and prognostic performances of circulating tumor cells. <i>Molecular Oncology</i> , 2019, 13, 1811-1826.	2.1	27
2107	The <i>H1047R PIK3CA</i> oncogene induces a senescence-like state, pleiotropy and acute HSP90 dependency in HER2+ mammary epithelial cells. <i>Carcinogenesis</i> , 2019, 40, 1179-1190.	1.3	7
2108	Molecular and Cell Biology of Cancer. <i>Learning Materials in Biosciences</i> , 2019, , .	0.2	3

#	ARTICLE	IF	CITATIONS
2109	High levels of tissue inhibitor of metalloproteinase-1 (TIMP-1) in the serum are associated with poor prognosis in HPV-negative squamous cell oropharyngeal cancer. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 1263-1272.	2.0	12
2110	MiR-142-3p suppresses the proliferation, migration and invasion through inhibition of NR2F6 in lung adenocarcinoma. <i>Human Cell</i> , 2019, 32, 437-446.	1.2	31
2111	Indolykjojl methane analogue IKM5 potentially inhibits invasion of breast cancer cells via attenuation of GRP78. <i>Breast Cancer Research and Treatment</i> , 2019, 177, 307-323.	1.1	21
2112	Fibulinâ€5 contributes to colorectal cancer cell apoptosis via the ROS/MAPK and Akt signal pathways by downregulating transient receptor potential cation channel subfamily V member 1. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 17838-17846.	1.2	13
2113	The roles of collagens in cancer. , 2019, , 341-352.		1
2114	Redox Status of a Metastatic Microenvironment in the Liver of Patients with Colorectal Cancer from EPR. <i>Applied Magnetic Resonance</i> , 2019, 50, 391-402.	0.6	1
2115	Alternative splicing-derived intersectin1-L and intersectin1-S exert opposite function in glioma progression. <i>Cell Death and Disease</i> , 2019, 10, 431.	2.7	22
2116	Tumour-associated neutrophils in patients with cancer. <i>Nature Reviews Clinical Oncology</i> , 2019, 16, 601-620.	12.5	558
2117	Mimicking the tumor microenvironment: Fibroblasts reduce miR-29b expression and increase the motility of ovarian cancer cells in a co-culture model. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 96-101.	1.0	13
2118	Ilamycin C induces apoptosis and inhibits migration and invasion in triple-negative breast cancer by suppressing IL-6/STAT3 pathway. <i>Journal of Hematology and Oncology</i> , 2019, 12, 60.	6.9	62
2119	GPA1 promotes gastric cancer progression via upregulation of GPI-anchored protein and enhancement of ERBB signalling pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 214.	3.5	15
2120	A Hypoxiaâ€Responsive Albuminâ€Based Nanosystem for Deep Tumor Penetration and Excellent Therapeutic Efficacy. <i>Advanced Materials</i> , 2019, 31, e1901513.	11.1	263
2121	â€Lockedâ€cancer cells are more sensitive to chemotherapy. <i>Bioengineering and Translational Medicine</i> , 2019, 4, e10130.	3.9	4
2122	Overexpression of HMGA1 Figures as a Potential Prognostic Factor in Endometrioid Endometrial Carcinoma (EEC). <i>Genes</i> , 2019, 10, 372.	1.0	19
2123	Casticin inhibits human prostate cancer DU 145 cell migration and invasion <i>via</i> Ras/Akt/NFâ€B signaling pathways. <i>Journal of Food Biochemistry</i> , 2019, 43, e12902.	1.2	90
2124	Directed evolution of the metalloproteinase inhibitor TIMP-1 reveals that its N- and C-terminal domains cooperate in matrix metalloproteinase recognition. <i>Journal of Biological Chemistry</i> , 2019, 294, 9476-9488.	1.6	25
2125	SP-8356, a (1S)-(â€)-verbenone derivative, exerts in vitro and in vivo anti-breast cancer effects by inhibiting NF-â€B signaling. <i>Scientific Reports</i> , 2019, 9, 6595.	1.6	17
2126	Lupeol from <i>Nyctanthes arbor-tristis</i> Inhibits Matrix Metalloproteinase Activity, Angiogenesis and Proliferation of Glioma Cells. <i>Pharmaceutical Chemistry Journal</i> , 2019, 53, 160-164.	0.3	0

#	ARTICLE	IF	CITATIONS
2127	Protein Glycosylation and Tumor Microenvironment Alterations Driving Cancer Hallmarks. <i>Frontiers in Oncology</i> , 2019, 9, 380.	1.3	201
2128	Emerging Roles of the Endoplasmic Reticulum Associated Unfolded Protein Response in Cancer Cell Migration and Invasion. <i>Cancers</i> , 2019, 11, 631.	1.7	60
2129	High SALM3 Expression in Tumor Cells and Fibroblasts Is Correlated with Poor Prognosis in Gastric Cancer Patients. <i>Disease Markers</i> , 2019, 2019, 1-8.	0.6	6
2130	Expression and Concentration of Matrix Metalloproteinase 9 and Tissue Inhibitor of Matrix Metalloproteinases 1 in Laryngeal Squamous Cell Carcinoma. <i>Disease Markers</i> , 2019, 2019, 1-9.	0.6	10
2131	Nanocatalysts-augmented Fenton chemical reaction for nanocatalytic tumor therapy. <i>Biomaterials</i> , 2019, 211, 1-13.	5.7	243
2132	Novel understanding of high mobility group box-1 in the immunopathogenesis of incisional hernias. <i>Expert Review of Clinical Immunology</i> , 2019, 15, 791-800.	1.3	4
2133	The Role of Tissue Inhibitors of Metalloproteinases in Organ Development and Regulation of ADAMTS Family Metalloproteinases in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2019, 212, 523-535.	1.2	7
2134	Strong association of tissue inhibitor of metalloproteinase (TIMP)-2 and -3 promoter single nucleotide polymorphisms with risk of colorectal cancer in ethnic Kashmiri population – a case control study. <i>Bioscience Reports</i> , 2019, 39, .	1.1	4
2135	ARPC2 promotes breast cancer proliferation and metastasis. <i>Oncology Reports</i> , 2019, 41, 3189-3200.	1.2	21
2136	Rosmarinic inhibits cell proliferation, invasion and migration via up-regulating miR-506 and suppressing MMP2/16 expression in pancreatic cancer. <i>Biomedicine and Pharmacotherapy</i> , 2019, 115, 108878.	2.5	36
2137	ROS-responsive nanoparticles based on amphiphilic hyperbranched polyphosphoester for drug delivery: Light-triggered size-reducing and enhanced tumor penetration. <i>Biomaterials</i> , 2019, 211, 68-80.	5.7	107
2138	Discretionary Transduction of MMP-Sensitized Tosed in Head and Neck Cancer. <i>Molecular Therapy - Oncolytics</i> , 2019, 14, 57-65.	2.0	4
2139	Immunohistochemical expression of CD44, matrix metalloproteinase2 and matrix metalloproteinase9 in renal cell carcinomas. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2019, 37, 742-748.	0.8	20
2140	Cellular parabiosis and the latency of age-related diseases. <i>Open Biology</i> , 2019, 9, 180250.	1.5	8
2141	Paracrine effects of CCN3 from non-cancerous hepatic cells increase signaling and progression of hepatocellular carcinoma. <i>BMC Cancer</i> , 2019, 19, 395.	1.1	8
2142	Recent advances in the development of legumain-selective chemical probes and peptide prodrugs. <i>Biological Chemistry</i> , 2019, 400, 1529-1550.	1.2	24
2143	miR-425-5p decreases LncRNA MALAT1 and TUG1 expressions and suppresses tumorigenesis in osteosarcoma via Wnt/ β -catenin signaling pathway. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 111, 42-51.	1.2	34
2144	Screening, Identification, and Characterization of an Affinity Peptide Specific to MT1-MMP and Its Application in Tumor Imaging. <i>Bioconjugate Chemistry</i> , 2019, 30, 1507-1517.	1.8	3

#	ARTICLE	IF	CITATIONS
2145	Clinical Trials Targeting the Stroma in Pancreatic Cancer: A Systematic Review and Meta-Analysis. <i>Cancers</i> , 2019, 11, 588.	1.7	42
2146	Matrix Metalloproteinase 11 Is a Potential Therapeutic Target in Lung Adenocarcinoma. <i>Molecular Therapy - Oncolytics</i> , 2019, 14, 82-93.	2.0	35
2147	<p>DR7 encoded by human herpesvirus 6 promotes glioma development and progression</p>. <i>Cancer Management and Research</i> , 2019, Volume 11, 2109-2118.	0.9	5
2148	Molecular iodine exerts antineoplastic effects by diminishing proliferation and invasive potential and activating the immune response in mammary cancer xenografts. <i>BMC Cancer</i> , 2019, 19, 261.	1.1	21
2149	Multi-omics Profiling for NF1 Target Discovery in Neurofibromin (NF1) Deficient Cells. <i>Proteomics</i> , 2019, 19, e1800334.	1.3	5
2150	Targeting of TMPRSS4 sensitizes lung cancer cells to chemotherapy by impairing the proliferation machinery. <i>Cancer Letters</i> , 2019, 453, 21-33.	3.2	22
2151	Tumor targeting and microenvironment-responsive multifunctional fusion protein for pro-apoptotic peptide delivery. <i>Cancer Letters</i> , 2019, 452, 38-50.	3.2	16
2152	The extracellular matrix as a multitasking player in disease. <i>FEBS Journal</i> , 2019, 286, 2830-2869.	2.2	285
2153	Impact of proteolysis on cancer stem cell functions. <i>Biochimie</i> , 2019, 166, 214-222.	1.3	6
2154	Identification of fibrinogen as a natural inhibitor of MMP-2. <i>Scientific Reports</i> , 2019, 9, 4340.	1.6	15
2155	<p>Trametes robiniophila Murr: a traditional Chinese medicine with potent anti-tumor effects</p>. <i>Cancer Management and Research</i> , 2019, Volume 11, 1541-1549.	0.9	30
2156	<i>Cancer Pathology</i> . , 2019, , 19-32.		0
2157	Peptide-Mediated Liposome Fusion as a Tool for the Detection of Matrix Metalloproteinases. <i>Advanced Biology</i> , 2019, 3, e1800330.	3.0	8
2158	Collagen. <i>Methods in Molecular Biology</i> , 2019, , .	0.4	5
2159	Meeting the Challenge of Targeting Cancer Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 16.	1.8	109
2160	S-nitrosylation and its role in breast cancer angiogenesis and metastasis. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 87, 52-59.	1.2	33
2161	Matrix metalloproteinases participation in the metastatic process and their diagnostic and therapeutic applications in cancer. <i>Critical Reviews in Oncology/Hematology</i> , 2019, 137, 57-83.	2.0	226
2162	Evaluation of MMP Inhibitors Isolated from <i>Ligustrum japonicum Fructus</i> . <i>Molecules</i> , 2019, 24, 604.	1.7	2

#	ARTICLE	IF	CITATIONS
2163	Recent developments in the synthesis and applications of phosphinic peptide analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1031-1042.	1.0	22
2164	Upregulated MMP28 in Hepatocellular Carcinoma Promotes Metastasis via Notch3 Signaling and Predicts Unfavorable Prognosis. <i>International Journal of Biological Sciences</i> , 2019, 15, 812-825.	2.6	15
2165	KLF9 suppresses gastric cancer cell invasion and metastasis through transcriptional inhibition of MMP28. <i>FASEB Journal</i> , 2019, 33, 7915-7928.	0.2	46
2166	The multifaceted roles of tumor-associated proteases and harnessing their activity for prodrug activation. <i>Biological Chemistry</i> , 2019, 400, 965-977.	1.2	30
2167	Conditioned media from adipocytes promote proliferation, migration, and invasion in melanoma and colorectal cancer cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 18249-18261.	2.0	47
2168	Matrix metalloproteinase-cleavable nanocapsules for tumor-activated drug release. <i>Acta Biomaterialia</i> , 2019, 89, 265-278.	4.1	24
2169	Recent advances of stimuli-responsive systems based on transition metal dichalcogenides for smart cancer therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2588-2607.	2.9	29
2170	Development of an Interleukin-12 Fusion Protein That Is Activated by Cleavage with Matrix Metalloproteinase 9. <i>Journal of Interferon and Cytokine Research</i> , 2019, 39, 233-245.	0.5	21
2171	Tumor-specific macrophage targeting through recognition of retinoid X receptor beta. <i>Journal of Controlled Release</i> , 2019, 301, 42-53.	4.8	36
2172	Collagen density regulates the activity of tumor-infiltrating T cells. , 2019, 7, 68.		239
2173	Association of <i>Matrix Metalloproteinase-2</i> Promoter Polymorphisms With the Risk of Childhood Leukemia. <i>Anticancer Research</i> , 2019, 39, 1185-1190.	0.5	13
2174	Evaluation of the AGE/sRAGE Axis in Patients with Multiple Myeloma. <i>Antioxidants</i> , 2019, 8, 55.	2.2	12
2175	Tumorigenic Interplay Between Macrophages and Collagenous Matrix in the Tumor Microenvironment. <i>Methods in Molecular Biology</i> , 2019, 1944, 203-220.	0.4	14
2176	Inflammation-Responsive Polymers. , 2019, , 219-254.		4
2177	<p>A perspective on magnetic core–shell carriers for responsive and targeted drug delivery systems</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 1707-1723.	3.3	86
2178	Isoliquiritigenin inhibits the proliferation, apoptosis and migration of osteosarcoma cells. <i>Oncology Reports</i> , 2019, 41, 2502-2510.	1.2	11
2179	Tumor Imaging Using Radiolabeled Matrix Metalloproteinase-Activated Anthrax Proteins. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1474-1482.	2.8	6
2180	Designing Ruthenium Anticancer Drugs: What Have We Learnt from the Key Drug Candidates?. <i>Inorganics</i> , 2019, 7, 31.	1.2	117

#	ARTICLE	IF	CITATIONS
2181	IL6 Shapes an Inflammatory Microenvironment and Triggers the Development of Unique Types of Cancer in End-stage Kidney. <i>Anticancer Research</i> , 2019, 39, 1869-1874.	0.5	6
2182	Metabolic functions of macropinocytosis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180285.	1.8	73
2183	Effect of miR-145 on gastric cancer cells. <i>Molecular Medicine Reports</i> , 2019, 19, 3403-3410.	1.1	14
2184	Molecular Diagnostics in Pancreatic Cancer. , 2019, , 157-163.		0
2185	Crataeva tapia bark lectin (CrataBL) is a chemoattractant for endothelial cells that targets heparan sulfate and promotes <i>in vitro</i> angiogenesis. <i>Biochimie</i> , 2019, 166, 173-183.	1.3	2
2186	Cellular and Molecular Effects of High-Molecular-Weight Heparin on Matrix Metalloproteinase 9 Expression. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1595.	1.8	3
2187	Development of a Cross-Reactive Monoclonal Antibody for Detecting the Tumor Stroma. <i>Bioconjugate Chemistry</i> , 2019, 30, 1466-1476.	1.8	12
2188	CCAAT/Enhancer Binding Protein β -Mediated MMP3 Upregulation Promotes Esophageal Squamous Cell Cancer Invasion <i>in vitro</i> and Is Associated with Metastasis in Human Patients. <i>Genetic Testing and Molecular Biomarkers</i> , 2019, 23, 304-309.	0.3	5
2189	Targeting p21-activated kinase 1 inhibits growth and metastasis via Raf1/MEK1/ERK signaling in esophageal squamous cell carcinoma cells. <i>Cell Communication and Signaling</i> , 2019, 17, 31.	2.7	29
2190	Tumor-secreted extracellular vesicles promote the activation of cancer-associated fibroblasts via the transfer of microRNA-125b. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1599680.	5.5	95
2191	TAMing pancreatic cancer: combat with a double edged sword. <i>Molecular Cancer</i> , 2019, 18, 48.	7.9	61
2192	Tumor microenvironment as the "coregulator" and "target" for gene therapy. <i>Journal of Gene Medicine</i> , 2019, 21, e3088.	1.4	40
2193	PEG-Lipid Post Insertion into Drug Delivery Liposomes Quantified at the Single Liposome Level. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801807.	1.9	17
2194	The Intersection between Tumor Angiogenesis and Immune Suppression. <i>Clinical Cancer Research</i> , 2019, 25, 5449-5457.	3.2	300
2195	Microphysiological Systems as Enabling Tools for Modeling Complexity in the Tumor Microenvironment and Accelerating Cancer Drug Development. <i>Advanced Functional Materials</i> , 2019, 29, 1807553.	7.8	32
2196	5p and 3p Strands of miR-34 Family Members Have Differential Effects in Cell Proliferation, Migration, and Invasion in Cervical Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 545.	1.8	39
2197	Role of Paip1 on angiogenesis and invasion in pancreatic cancer. <i>Experimental Cell Research</i> , 2019, 376, 198-209.	1.2	12
2198	Decreased MMP1 gene expression in acute myeloid leukaemia. <i>Molecular Biology Reports</i> , 2019, 46, 2293-2298.	1.0	1

#	ARTICLE	IF	CITATIONS
2199	A Novel Approach to Detect Programed Death Ligand 1 (PD-L1) Status and Multiple Tumor Mutations Using a Single Non-“Small-Cell Lung Cancer (NSCLC) Bronchoscopy Specimen. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 186-197.	1.2	12
2200	Tumor-associated macrophages: a short compendium. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 1447-1458.	2.4	71
2201	Targeting CAIX with [⁶⁴ Cu]XYMSR-06 Small Molecular Radiotracer Enables Noninvasive PET Imaging of Malignant Glioma in U87 MG Tumor Cell Xenograft Mice. <i>Molecular Pharmaceutics</i> , 2019, 16, 1532-1540.	2.3	14
2202	Non-genomic Actions of Thyroid Hormones Regulate the Growth and Angiogenesis of T Cell Lymphomas. <i>Frontiers in Endocrinology</i> , 2019, 10, 63.	1.5	24
2203	Biological heterogeneity and versatility of cancer-associated fibroblasts in the tumor microenvironment. <i>Oncogene</i> , 2019, 38, 4887-4901.	2.6	205
2204	Neutrophils Restrict Tumor-Associated Microbiota to Reduce Growth and Invasion of Colon Tumors in Mice. <i>Gastroenterology</i> , 2019, 156, 1467-1482.	0.6	85
2205	Aberrant Activation Of Hedgehog Signalling Promotes Cell Migration And Invasion Via Matrix Metalloproteinase-7 In Ovarian Cancer Cells. <i>Journal of Cancer</i> , 2019, 10, 990-1003.	1.2	43
2206	Effect of chronic exposure to inorganic arsenic on intestinal cells. <i>Journal of Applied Toxicology</i> , 2019, 39, 899-907.	1.4	10
2207	Porphyromonas gingivalis promotes the motility of esophageal squamous cell carcinoma by activating NF- κ B signaling pathway. <i>Microbes and Infection</i> , 2019, 21, 296-304.	1.0	29
2208	Accurate detection of matrix metalloproteinase-2 activity in clinical gastric cancer tissues using a fluorescent probe. <i>Analytical Methods</i> , 2019, 11, 1516-1521.	1.3	5
2209	PD-1: A Negative Regulator of Phagocytosis by Tumour-Associated Macrophages in Colon Cancer. <i>Journal of Bacteriology and Virology</i> , 2019, 49, 230.	0.0	1
2210	The Application of Nanotechnology in the Codelivery of Active Constituents of Plants and Chemotherapeutics for Overcoming Physiological Barriers during Antitumor Treatment. <i>BioMed Research International</i> , 2019, 2019, 1-16.	0.9	7
2211	HNF4 α -Deficient Fatty Liver Provides a Permissive Environment for Sex-Independent Hepatocellular Carcinoma. <i>Cancer Research</i> , 2019, 79, 5860-5873.	0.4	23
2212	The Role of MicroRNAs upon Epithelial-to-Mesenchymal Transition in Inflammatory Bowel Disease. <i>Cells</i> , 2019, 8, 1461.	1.8	13
2213	<p>The Effects Of Sevoflurane On The Progression And Cisplatinum Sensitivity Of Cervical Cancer Cells</p>. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 3919-3928.	2.0	9
2214	The role of MMP-2 and MMP-9 in the metastasis and development of hypopharyngeal carcinoma. <i>Brazilian Journal of Otorhinolaryngology</i> , 2021, 87, 521-528.	0.4	29
2215	Tuning the matrix metalloproteinase-1 degradability of peptide amphiphile nanofibers through supramolecular engineering. <i>Biomaterials Science</i> , 2019, 7, 5132-5142.	2.6	19
2216	Collagen fragments quantified in serum as measures of desmoplasia associate with survival outcome in patients with advanced pancreatic cancer. <i>Scientific Reports</i> , 2019, 9, 19761.	1.6	41

#	ARTICLE	IF	CITATIONS
2217	Matrisome-Associated Gene Expression Patterns Correlating with TIMP2 in Cancer. <i>Scientific Reports</i> , 2019, 9, 20142.	1.6	23
2218	Pinostilbene Hydrate Inhibits the Migration and Invasion of Human Nasopharyngeal Carcinoma Cells by Downregulating MMP-2 Expression and Suppressing Epithelial-Mesenchymal Transition Through the Mitogen-Activated Protein Kinase Signaling Pathways. <i>Frontiers in Oncology</i> , 2019, 9, 1364.	1.3	5
2219	RITA Is Expressed in Trophoblastic Cells and Is Involved in Differentiation Processes of the Placenta. <i>Cells</i> , 2019, 8, 1484.	1.8	3
2220	circPUM1 Promotes Tumorigenesis and Progression of Ovarian Cancer by Sponging miR-615-5p and miR-6753-5p. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 18, 882-892.	2.3	83
2221	Matrix metalloproteinase 7 promoted Schwann cell migration and myelination after rat sciatic nerve injury. <i>Molecular Brain</i> , 2019, 12, 101.	1.3	22
2222	Bone Pain in Cancer Patients: Mechanisms and Current Treatment. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6047.	1.8	113
2223	Overcoming Physiological Barriers to Nanoparticle Delivery—Are We There Yet?. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 415.	2.0	81
2224	Immunohistochemical Expression of ABCB5 as a Potential Prognostic Factor in Uveal Melanoma. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1316.	1.3	21
2225	Gingival Metastasis of ALK Rearranged Non-Small Cell Lung Cancer. <i>Case Reports in Oncology</i> , 2019, 12, 171-177.	0.3	0
2226	Human Recombinant Arginase I [HuArgI (Co)-PEG5000]-Induced Arginine Depletion Inhibits Colorectal Cancer Cell Migration and Invasion. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6018.	1.8	25
2227	PI3K/AKT/ β -Catenin Signaling Regulates Vestigial-Like 1 Which Predicts Poor Prognosis and Enhances Malignant Phenotype in Gastric Cancer. <i>Cancers</i> , 2019, 11, 1923.	1.7	22
2228	Remodeling the tumor microenvironment to improve drug permeation and antitumor effects by co-delivering quercetin and doxorubicin. <i>Journal of Materials Chemistry B</i> , 2019, 7, 7619-7626.	2.9	14
2229	A Theranostic Nanoprobe for Hypoxia Imaging and Photodynamic Tumor Therapy. <i>Frontiers in Chemistry</i> , 2019, 7, 868.	1.8	8
2230	Matrix degradation regulates osteoblast protrusion dynamics and individual migration. <i>Integrative Biology (United Kingdom)</i> , 2019, 11, 404-413.	0.6	6
2231	Chrysin inhibit human melanoma A375.S2 cell migration and invasion via affecting MAPK signaling and NF- κ B signaling pathway in vitro. <i>Environmental Toxicology</i> , 2019, 34, 434-442.	2.1	25
2232	Engineering Nanoparticles for Targeted Remodeling of the Tumor Microenvironment to Improve Cancer Immunotherapy. <i>Theranostics</i> , 2019, 9, 126-151.	4.6	128
2233	Recent advances in understanding the roles of matrix metalloproteinases in tumour invasion and metastasis. <i>Journal of Pathology</i> , 2019, 247, 629-640.	2.1	127
2234	Antitumor activity in colorectal cancer induced by hinokiflavone. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2019, 34, 1571-1580.	1.4	17

#	ARTICLE	IF	CITATIONS
2235	Î²-hCG promotes epithelial ovarian cancer metastasis through ERK/MMP2 signaling pathway. <i>Cell Cycle</i> , 2019, 18, 46-59.	1.3	26
2236	Fluorogenic probes for disease-relevant enzymes. <i>Chemical Society Reviews</i> , 2019, 48, 683-722.	18.7	451
2237	Modification of the bone marrow MSC population in a xenograft model of early multiple myeloma. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 1175-1181.	1.0	9
2238	Coreâ€‘Satellite Nanomedicines for <i>in Vivo</i> Real-Time Monitoring of Enzyme-Activatable Drug Release by Fluorescence and Photoacoustic Dual-Modal Imaging. <i>ACS Nano</i> , 2019, 13, 176-186.	7.3	67
2239	KrÃ¼ppel like factor 6 splice variant 1 (KLF6-SV1) overexpression recruits macrophages to participate in lung cancer metastasis by up-regulating TWIST1. <i>Cancer Biology and Therapy</i> , 2019, 20, 680-691.	1.5	13
2240	The Functional Role of Prostate Cancer Metastasis-related Micro-RNAs. <i>Cancer Genomics and Proteomics</i> , 2019, 16, 1-19.	1.0	28
2241	IL-17A/IL-17RA promotes invasion and activates MMP-2 and MMP-9 expression via p38 MAPK signaling pathway in non-small cell lung cancer. <i>Molecular and Cellular Biochemistry</i> , 2019, 455, 195-206.	1.4	45
2242	Cantharidin Attenuates the Proliferation and Migration of Vascular Smooth Muscle Cells through Suppressing Inflammatory Response. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 34-42.	0.6	17
2243	HIF2Aâ€‘LOX Pathway Promotes Fibrotic Tissue Remodeling in Thyroid-Associated Orbitopathy. <i>Endocrinology</i> , 2019, 160, 20-35.	1.4	65
2244	Pancreatic stellate cells derived from human pancreatic cancer demonstrate aberrant SPARC-dependent ECM remodeling in 3D engineered fibrotic tissue of clinically relevant thickness. <i>Biomaterials</i> , 2019, 192, 355-367.	5.7	32
2245	Expression of gelatinases (MMP-2 and MMP-9) and tissue inhibitors of metalloproteinases (TIMP-2 and) Tj ETQq0 0 0 rgBT /Overlock 10 268-276.	0.9	29
2246	Leucine aminopeptidase 3 promotes migration and invasion of breast cancer cells through upregulation of fascin and matrix metalloproteinasesâ€‘2/9 expression. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 3611-3620.	1.2	32
2247	Cationic polysaccharide spermine-pullulan drives tumor associated macrophage towards M1 phenotype to inhibit tumor progression. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 1012-1019.	3.6	27
2248	Piezo1 mediates angiogenesis through activation of MT1-MMP signaling. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 316, C92-C103.	2.1	97
2249	Nectin-3 is a new biomarker that mediates the upregulation of MMP2 and MMP9 in ovarian cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2019, 110, 139-144.	2.5	26
2250	Carcinogenesis: the cancer cellâ€‘mast cell connection. <i>Inflammation Research</i> , 2019, 68, 103-116.	1.6	16
2251	Tumor pH and metastasis: a malignant process beyond hypoxia. <i>Cancer and Metastasis Reviews</i> , 2019, 38, 113-129.	2.7	120
2252	Unravelling the anticancer efficacy of 10-oxo-7-epidocetaxel: <i>in vitro</i> and <i>in vivo</i> results. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 474-484.	0.9	2

#	ARTICLE	IF	CITATIONS
2253	Hydrodynamic shear stress promotes epithelial-mesenchymal transition by downregulating ERK and GSK3 β activities. <i>Breast Cancer Research</i> , 2019, 21, 6.	2.2	65
2254	Extracellular vesicle-associated MMPs: A modulator of the tissue microenvironment. <i>Advances in Clinical Chemistry</i> , 2019, 88, 35-66.	1.8	31
2255	Identifying a Membrane-Type 2 Matrix Metalloproteinase-Targeting Peptide for Human Lung Cancer Detection and Targeting Chemotherapy with Functionalized Mesoporous Silica. <i>ACS Applied Bio Materials</i> , 2019, 2, 397-405.	2.3	6
2256	Reducing proteolytic liability of a MMP-14 inhibitory antibody by site saturation mutagenesis. <i>Protein Science</i> , 2019, 28, 643-653.	3.1	9
2257	Cancer Selective Turn-On Fluorescence Imaging Using a Biopolymeric Nanocarrier. <i>Biomacromolecules</i> , 2019, 20, 1068-1076.	2.6	4
2258	Human Toll-Like Receptor 4 (hTLR4): Structural and functional dynamics in cancer. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 425-451.	3.6	33
2259	IL-17A promotes cell migration and invasion of glioblastoma cells via activation of PI3K/AKT signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 357-369.	1.6	34
2260	Effect of mesenchymal stem cell-derived exosomes on tumor microenvironment: Tumor progression versus tumor suppression. <i>Journal of Cellular Physiology</i> , 2019, 234, 3394-3409.	2.0	53
2261	Ultrafast Single-Cell Level Enzymatic Tumor Profiling. <i>Analytical Chemistry</i> , 2019, 91, 1277-1285.	3.2	18
2262	Advances in Porous Silicon-Based Nanomaterials for Diagnostic and Therapeutic Applications. <i>Advanced Therapeutics</i> , 2019, 2, 1800095.	1.6	92
2263	Therapeutic value of steroidal alkaloids in cancer: Current trends and future perspectives. <i>International Journal of Cancer</i> , 2019, 145, 1731-1744.	2.3	63
2264	Tissue necrosis and its role in cancer progression. <i>Oncogene</i> , 2019, 38, 1920-1935.	2.6	78
2265	Dysregulation of KrÄppel-like factor 12 in the development of endometrial cancer. <i>Gynecologic Oncology</i> , 2019, 152, 177-184.	0.6	22
2266	MMP14 empowers tumor-initiating breast cancer cells under hypoxic nutrient-depleted conditions. <i>FASEB Journal</i> , 2019, 33, 4124-4140.	0.2	24
2267	Propeptide glycosylation and galectin-3 binding decrease proteolytic activation of human pro-MMP-9/progelatinase B. <i>FEBS Journal</i> , 2019, 286, 930-945.	2.2	7
2268	Cell-Cell Mechanical Communication in Cancer. <i>Cellular and Molecular Bioengineering</i> , 2019, 12, 1-14.	1.0	54
2269	Delphinidin inhibits epidermal growth factor-induced epithelial-to-mesenchymal transition in hepatocellular carcinoma cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 9887-9899.	1.2	21
2270	Characterization of the Kinetics and Mechanism of Degradation of Human Mesenchymal Stem Cell-Laden Poly(ethylene glycol) Hydrogels. <i>ACS Applied Bio Materials</i> , 2019, 2, 81-92.	2.3	22

#	ARTICLE	IF	CITATIONS
2271	Early stage mechanical remodeling of collagen surrounding head and neck squamous cell carcinoma spheroids correlates strongly with their invasion capability. <i>Acta Biomaterialia</i> , 2019, 84, 280-292.	4.1	32
2272	MMP-9-1562 C/T single nucleotide polymorphism associates with increased MMP-9 level and activity during papillary thyroid carcinoma progression. <i>Pathology</i> , 2019, 51, 55-61.	0.3	15
2273	Cancer associated fibroblasts: is the force the path to the dark side?. <i>Current Opinion in Cell Biology</i> , 2019, 56, 71-79.	2.6	110
2274	Matrix Metalloproteinases: A challenging paradigm of cancer management. <i>Seminars in Cancer Biology</i> , 2019, 56, 100-115.	4.3	169
2275	Enzymes involved in tumor-driven angiogenesis: A valuable target for anticancer therapy. <i>Seminars in Cancer Biology</i> , 2019, 56, 87-99.	4.3	33
2276	Hierarchical virtual screening of the dual MMP-2/HDAC-6 inhibitors from natural products based on pharmacophore models and molecular docking. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 649-670.	2.0	29
2277	Strategies to improve tumor penetration of nanomedicines through nanoparticle design. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2019, 11, e1519.	3.3	180
2278	The prognostic values of matrix metalloproteinases in ovarian cancer. <i>Journal of International Medical Research</i> , 2020, 48, 030006051982598.	0.4	21
2279	Metalloproteinases and their roles in human cancer. <i>Anatomical Record</i> , 2020, 303, 1557-1572.	0.8	43
2280	The Immune Microenvironment and Cancer Metastasis. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020, 10, a037424.	2.9	57
2281	Cancer stem cells and their unique role in metastatic spread. <i>Seminars in Cancer Biology</i> , 2020, 60, 148-156.	4.3	68
2282	Cripto-1 promotes tumor invasion and predicts poor outcomes in hepatocellular carcinoma. <i>Carcinogenesis</i> , 2020, 41, 571-581.	1.3	5
2283	Effects of normothermic microwave irradiation on CD44+/CD24â€ in breast cancer MDA-MB-231 and MCF-7 cell lines. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 103-110.	0.6	5
2284	Tissue Inhibitor of Metalloproteinase 3 Deficiency Disrupts the Hepatocyte Eâ€Cadherin/Î²â€Catenin Complex and Induces Cell Death in Liver Ischemia/Reperfusion Injury. <i>Liver Transplantation</i> , 2020, 26, 113-126.	1.3	14
2285	Differential in vitro sensitivity of oral precancerous and squamous cell carcinoma cell lines to 5-aminolevulinic acid-mediated photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 29, 101554.	1.3	18
2286	Metastatic heterogeneity of breast cancer: Molecular mechanism and potential therapeutic targets. <i>Seminars in Cancer Biology</i> , 2020, 60, 14-27.	4.3	460
2287	The functional interlink between AR and MMP9/VEGF signaling axis is mediated through PIP5K1Î±/pAKT in prostate cancer. <i>International Journal of Cancer</i> , 2020, 146, 1686-1699.	2.3	24
2288	miRâ€140â€5p is negatively correlated with proliferation, invasion, and tumorigenesis in malignant melanoma by targeting SOX4 via the Wnt/Î²â€catenin and NFâ€ÎºB cascades. <i>Journal of Cellular Physiology</i> , 2020, 235, 2161-2170.	2.0	33

#	ARTICLE	IF	CITATIONS
2289	Serum matrix metalloproteinase-9 in children exposed to arsenic from playground dust at elementary schools in Hermosillo, Sonora, Mexico. <i>Environmental Geochemistry and Health</i> , 2020, 42, 499-511.	1.8	2
2290	Myocardial Basis for Heart Failure. , 2020, , 62-75.e7.		0
2291	Enhanced stability and efficacy of GEM-TOS prodrug by co-assembly with antimetastatic shell LMWH-TOS. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 1977-1988.	5.7	10
2292	miR-3633p inhibits migration, invasion, and epithelial-mesenchymal transition by targeting NEDD9 and SOX4 in non-small cell lung cancer. <i>Journal of Cellular Physiology</i> , 2020, 235, 1808-1820.	2.0	38
2293	Delivery across the blood-brain barrier: nanomedicine for glioblastoma multiforme. <i>Drug Delivery and Translational Research</i> , 2020, 10, 304-318.	3.0	101
2294	Peptide microarray-based fluorescence assay for quantitatively monitoring the tumor-associated matrix metalloproteinase-2 activity. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127320.	4.0	12
2295	Stimulation of cell invasion by the Golgi Ion Channel GAAP/TMBIM4 via an H2O2-Dependent Mechanism. <i>Redox Biology</i> , 2020, 28, 101361.	3.9	14
2296	Development of anti-matrix metalloproteinase-2 (MMP-2) nanobodies as potential therapeutic and diagnostic tools. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 24, 102103.	1.7	16
2297	Modulating the tumor microenvironment with new therapeutic nanoparticles: A promising paradigm for tumor treatment. <i>Medicinal Research Reviews</i> , 2020, 40, 1084-1102.	5.0	26
2298	Battle tactics against MMP-9; discovery of novel non-hydroxamate MMP-9 inhibitors endowed with PI3K/AKT signaling attenuation and caspase 3/7 activation via Ugi bis-amide synthesis. <i>European Journal of Medicinal Chemistry</i> , 2020, 186, 111875.	2.6	24
2299	Hsa_circ_0001361 promotes bladder cancer invasion and metastasis through miR-491-5p/MMP9 axis. <i>Oncogene</i> , 2020, 39, 1696-1709.	2.6	88
2300	Matrix metalloproteinases MMP1, MMP2, and MMP13 are overexpressed in primary nodular melanoma. <i>Journal of Cutaneous Pathology</i> , 2020, 47, 139-145.	0.7	15
2301	Imaging dynamic cell signaling in vivo with new classes of fluorescent reporters. <i>Current Opinion in Chemical Biology</i> , 2020, 54, 1-9.	2.8	11
2302	High mobility group box-like receptor 4-phosphatidylinositol 3-kinase/protein kinase B-mediated generation of matrix metalloproteinase-9 in the dorsal root ganglion promotes chemotherapy-induced peripheral neuropathy. <i>International Journal of Cancer</i> , 2020, 146, 2810-2821.	2.3	26
2303	TMEM158 promotes pancreatic cancer aggressiveness by activation of TGF β 1 and PI3K/AKT signaling pathway. <i>Journal of Cellular Physiology</i> , 2020, 235, 2761-2775.	2.0	28
2304	STRIP2, a member of the striatin-interacting phosphatase and kinase complex, is implicated in lung adenocarcinoma cell growth and migration. <i>FEBS Open Bio</i> , 2020, 10, 351-361.	1.0	9
2305	An Au-Se nanoprobe for the evaluation of the invasive potential of breast cancer cells via imaging the sequential activation of uPA and MMP-2. <i>Analyst</i> , 2020, 145, 1008-1013.	1.7	8
2306	Heterogeneity of Treg/Th17 According to Cancer Progression and Modification in Biliary Tract Cancers via Self-Producing Cytokines. <i>Digestive Diseases and Sciences</i> , 2020, 65, 2937-2948.	1.1	14

#	ARTICLE	IF	CITATIONS
2307	Patient-derived scaffolds uncover breast cancer promoting properties of the microenvironment. <i>Biomaterials</i> , 2020, 235, 119705.	5.7	41
2308	A tropomyosin-like Meretrix meretrix Linnaeus polypeptide inhibits the proliferation and metastasis of glioma cells via microtubule polymerization and FAK/Akt/MMPs signaling. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 154-164.	3.6	16
2309	Hydrogen Peroxide and Glutathione Dual Redox-Responsive Nanoparticles for Controlled DOX Release. <i>Macromolecular Bioscience</i> , 2020, 20, e1900331.	2.1	16
2310	Proteomic investigation on bio-corona of Au, Ag and Fe nanoparticles for the discovery of triple negative breast cancer serum protein biomarkers. <i>Journal of Proteomics</i> , 2020, 212, 103581.	1.2	41
2312	Treating tumors with minimally invasive therapy: A review. <i>Materials Science and Engineering C</i> , 2020, 108, 110198.	3.8	27
2313	p53-Regulated Long Noncoding RNA PRECSIT Promotes Progression of Cutaneous Squamous Cell Carcinoma via STAT3 Signaling. <i>American Journal of Pathology</i> , 2020, 190, 503-517.	1.9	33
2314	Inhibition of the proliferation, migration, and invasion of human breast cancer cells by leucine aminopeptidase 3 inhibitors derived from natural marine products. <i>Anti-Cancer Drugs</i> , 2020, 31, 60-66.	0.7	8
2315	Silencing of nuclear factor kappa b 1 gene expression inhibits colony formation, cell migration and invasion via the downregulation of interleukin 1 beta and matrix metalloproteinase 9 in renal cell carcinoma. <i>Molecular Biology Reports</i> , 2020, 47, 1143-1151.	1.0	3
2316	Tamoxifen-induced alterations in the expression of selected matrix metalloproteinases (MMP-2, -9, -10,) <i>Tj ETQq0 0 0 rgBT /Overlock 10</i> 208-215.	0.9	19
2317	Interleukin-6 plays a critical role in aldosterone-induced macrophage recruitment and infiltration in the myocardium. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165627.	1.8	18
2318	Matrix Metalloproteinase-sensitive Multistage Nanogels Promote Drug Transport in 3D Tumor Model. <i>Theranostics</i> , 2020, 10, 91-108.	4.6	29
2319	Cell Reprogramming for Immunotherapy. <i>Methods in Molecular Biology</i> , 2020, , .	0.4	2
2320	Targeting MMP-14 for dual PET and fluorescence imaging of glioma in preclinical models. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1412-1426.	3.3	29
2321	Coexpression of Matrix Metalloproteinase-7 and Tissue Inhibitor of Metalloproteinase-1 as a Prognostic Biomarker in Gastric Cancer. <i>Disease Markers</i> , 2020, 2020, 1-10.	0.6	7
2322	Dynamics of Matrix Metalloproteinase Activity and Extracellular Matrix Proteins Content in the Process of Replicative Senescence of Human Mesenchymal Stem Cells. <i>Cell and Tissue Biology</i> , 2020, 14, 349-357.	0.2	5
2323	<p>Sequential Matrix Metalloproteinase-1 Expression Triggered by Infiltrating Monocytic Lineage Cells Modulates Pathophysiological Aspects of Human Nonalcoholic Steatohepatitis</p>. <i>Metalloproteinases in Medicine</i> , 0, Volume 7, 1-13.	1.0	0
2324	Multifunctional peptides for tumor therapy. <i>Advanced Drug Delivery Reviews</i> , 2020, 160, 36-51.	6.6	40
2325	Design and synthesis of novel 4-thiazolidinone derivatives with promising anti-breast cancer activity: Synthesis, characterization, in vitro and in vivo results. <i>Bioorganic Chemistry</i> , 2020, 104, 104276.	2.0	25

#	ARTICLE	IF	CITATIONS
2326	ER-resident oxidoreductases are glycosylated and trafficked to the cell surface to promote matrix degradation by tumour cells. <i>Nature Cell Biology</i> , 2020, 22, 1371-1381.	4.6	24
2327	Midkine rewires the melanoma microenvironment toward a tolerogenic and immune-resistant state. <i>Nature Medicine</i> , 2020, 26, 1865-1877.	15.2	62
2328	Histone H3.3 G34 mutations promote aberrant PRC2 activity and drive tumor progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27354-27364.	3.3	57
2329	Mutant p53 in Cancer Progression and Targeted Therapies. <i>Frontiers in Oncology</i> , 2020, 10, 595187.	1.3	116
2330	Cancer Metabolism: Phenotype, Signaling and Therapeutic Targets. <i>Cells</i> , 2020, 9, 2308.	1.8	211
2331	Participation of MicroRNAs in the Treatment of Cancer with Phytochemicals. <i>Molecules</i> , 2020, 25, 4701.	1.7	10
2332	Direct monitoring of protease activity using an integrated microchip coated with multilayered fluorogenic nanofilms. <i>Analyst</i> , The, 2020, 145, 8050-8058.	1.7	0
2333	Broad-Spectrum Preclinical Antitumor Activity of Chrysin: Current Trends and Future Perspectives. <i>Biomolecules</i> , 2020, 10, 1374.	1.8	40
2334	Three-Dimensional Culture System of Cancer Cells Combined with Biomaterials for Drug Screening. <i>Cancers</i> , 2020, 12, 2754.	1.7	113
2335	Small-molecule MMP2/MMP9 inhibitor SB-3CT modulates tumor immune surveillance by regulating PD-L1. <i>Genome Medicine</i> , 2020, 12, 83.	3.6	81
2336	Role of microRNAs in the crosstalk between osteosarcoma cells and the tumour microenvironment. <i>Journal of Bone Oncology</i> , 2020, 25, 100322.	1.0	16
2337	<p>Relevance of EGFR Between Serum VEGF and MMP-9 in Primary Hepatocellular Carcinoma Patients with Transarterial Chemoembolization</p>. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 9407-9417.	1.0	3
2338	Puerarin Inhibits the Progression of Bladder Cancer by Regulating circ_0020394/miR-328-3p/NRBP1 Axis. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2022, 37, 435-450.	0.7	10
2339	Primary Cilia in Trophoblastic Cells. <i>Hypertension</i> , 2020, 76, 1491-1505.	1.3	24
2340	Vertical nanopillar induces deformation of cancer cell and alteration of ATF3 expression. <i>Applied Materials Today</i> , 2020, 20, 100753.	2.3	5
2341	Concepts of extracellular matrix remodelling in tumour progression and metastasis. <i>Nature Communications</i> , 2020, 11, 5120.	5.8	1,004
2342	Collective cancer cell invasion in contact with fibroblasts through integrin α 5 β 1/fibronectin interaction in collagen matrix. <i>Cancer Science</i> , 2020, 111, 4381-4392.	1.7	19
2343	Recent advances of sorafenib nanoformulations for cancer therapy: Smart nanosystem and combination therapy. <i>Asian Journal of Pharmaceutical Sciences</i> , 2020, 16, 318-336.	4.3	23

#	ARTICLE	IF	CITATIONS
2344	Acoustic-based chemical tools for profiling the tumor microenvironment. <i>Current Opinion in Chemical Biology</i> , 2020, 57, 114-121.	2.8	19
2345	Matrix metalloproteinase MMP1 and MMP9 genes expression in breast cancer tissue. <i>Gene Reports</i> , 2020, 21, 100906.	0.4	5
2346	Protease Inhibition Mechanism of Camelid-like Synthetic Human Antibodies. <i>Biochemistry</i> , 2020, 59, 3802-3812.	1.2	5
2347	COBRA α , β : a highly potent conditionally active T cell engager engineered for the treatment of solid tumors. <i>MAbs</i> , 2020, 12, 1792130.	2.6	30
2348	Antioxidant Functionalized Nanoparticles: A Combat against Oxidative Stress. <i>Nanomaterials</i> , 2020, 10, 1334.	1.9	106
2349	Tumoral and stromal expression of MMP-2, MMP-9, MMP-14, TIMP-1, TIMP-2, and VEGF-A in cervical cancer patient survival: a competing risk analysis. <i>BMC Cancer</i> , 2020, 20, 660.	1.1	53
2350	The Role of Cancer-Associated Fibroblasts in Prostate Cancer Tumorigenesis. <i>Cancers</i> , 2020, 12, 1887.	1.7	76
2351	The prognostic value and potential mechanism of Matrix Metalloproteinases among Prostate Cancer. <i>International Journal of Medical Sciences</i> , 2020, 17, 1550-1560.	1.1	14
2352	In Ovo and In Silico Evaluation of the Anti-Angiogenic Potential of Syringin. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 5189-5204.	2.0	10
2353	Antarctic Krill Oil Ameliorates Monosodium Iodoacetate-Induced Irregularities in Articular Cartilage and Inflammatory Response in the Rat Models of Osteoarthritis. <i>Nutrients</i> , 2020, 12, 3550.	1.7	10
2354	M2 Macrophages Mediate the Resistance of Gastric Adenocarcinoma Cells to 5-Fluorouracil through the Expression of Integrin β 3, Focal Adhesion Kinase, and Cofilin. <i>Journal of Immunology Research</i> , 2020, 2020, 1-9.	0.9	14
2355	Moving Beyond the Pillars of Cancer Treatment: Perspectives From Nanotechnology. <i>Frontiers in Chemistry</i> , 2020, 8, 598100.	1.8	24
2356	Transcriptome of Two Canine Prostate Cancer Cells Treated With Toceranib Phosphate Reveals Distinct Antitumor Profiles Associated With the PDGFR Pathway. <i>Frontiers in Veterinary Science</i> , 2020, 7, 561212.	0.9	6
2357	Identification of miR-515-3p and its targets, vimentin and MMP3, as a key regulatory mechanism in esophageal cancer metastasis: functional and clinical significance. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 271.	7.1	25
2358	Development and validation of a prognostic and immunotherapeutically relevant model in hepatocellular carcinoma. <i>Annals of Translational Medicine</i> , 2020, 8, 1177-1177.	0.7	8
2359	Tumor-Microenvironment- Responsive Size-Shrinkable Drug-Delivery Nanosystems for Deepened Penetration Into Tumors. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 576420.	1.6	25
2360	CD44 in Ovarian Cancer Progression and Therapy Resistance—A Critical Role for STAT3. <i>Frontiers in Oncology</i> , 2020, 10, 589601.	1.3	39
2361	Synthesis and analysis of silver-copper alloy nanoparticles of different ratios manifest anticancer activity in breast cancer cells. <i>Cancer Nanotechnology</i> , 2020, 11, .	1.9	13

#	ARTICLE	IF	CITATIONS
2362	Natural Phenolic Acid, Product of the Honey Bee, for the Control of Oxidative Stress, Peritoneal Angiogenesis, and Tumor Growth in Mice. <i>Molecules</i> , 2020, 25, 5583.	1.7	9
2363	Proteolysis-Responsive Rolling Circle Transcription Assay Enabling Femtomolar Sensitivity Detection of a Target Protease Biomarker. <i>Analytical Chemistry</i> , 2020, 92, 16314-16321.	3.2	17
2364	LAD1 expression is associated with the metastatic potential of colorectal cancer cells. <i>BMC Cancer</i> , 2020, 20, 1180.	1.1	12
2365	Immunotherapy Targeting Tumor-Associated Macrophages. <i>Frontiers in Medicine</i> , 2020, 7, 583708.	1.2	15
2366	Progressive and Prognostic Performance of an Extracellular Matrix-Receptor Interaction Signature in Gastric Cancer. <i>Disease Markers</i> , 2020, 2020, 1-23.	0.6	24
2367	Targeting Tumor-Associated Macrophages by MMP2-Sensitive Apoptotic Body-Mimicking Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 52402-52414.	4.0	34
2368	Perfusion-based 3D tumor-on-chip devices for anticancer drug testing. , 2020, , 379-398.		2
2369	The regulation of trophoblast invasion and decidual reaction by matrix metalloproteinaseâ€², metalloproteinaseâ€·, and metalloproteinaseâ€¹ expressions in the rat endometrium. <i>Reproductive Medicine and Biology</i> , 2020, 19, 385-397.	1.0	13
2370	â€œCaught in the netâ€¸ the extracellular matrix of the bone marrow in normal hematopoiesis and leukemia. <i>Experimental Hematology</i> , 2020, 89, 13-25.	0.2	22
2371	Association between matrix metalloproteinase 9 polymorphisms and breast cancer risk: An updated meta-analysis and trial sequential analysis. <i>Gene</i> , 2020, 759, 144972.	1.0	9
2372	TWIST1 upregulates matrix metalloproteinase (MMP) genes family in esophageal squamous carcinoma cells. <i>Gene Expression Patterns</i> , 2020, 37, 119127.	0.3	4
2373	Automatic Detection of White Blood Cancer From Bone Marrow Microscopic Images Using Convolutional Neural Networks. <i>IEEE Access</i> , 2020, 8, 142521-142531.	2.6	78
2374	Tumorâ€Triggered Disassembly of a Multipleâ€Agentâ€Therapy Probe for Efficient Cellular Internalization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20405-20410.	7.2	74
2375	Expression of metalloproteinases MMP-2 and MMP-9 is associated to the presence of androgen receptor in epithelial ovarian tumors. <i>Journal of Ovarian Research</i> , 2020, 13, 86.	1.3	8
2376	MMP-14 (MT1-MMP) Is a Biomarker of Surgical Outcome and a Potential Mediator of Hearing Loss in Patients With Vestibular Schwannomas. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 191.	1.8	15
2377	Influence of Obesity on the Organization of the Extracellular Matrix and Satellite Cell Functions After Combined Muscle and Thorax Trauma in C57BL/6J Mice. <i>Frontiers in Physiology</i> , 2020, 11, 849.	1.3	3
2378	Exploiting proteases for cancer theranostic through molecular imaging and drug delivery. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119712.	2.6	15
2379	Rapid Microfluidic Formation of Uniform Patient-Derived Breast Tumor Spheroids. <i>ACS Applied Bio Materials</i> , 2020, 3, 6273-6283.	2.3	27

#	ARTICLE	IF	CITATIONS
2380	Tumor-Triggered Disassembly of a Multiple-Agent Therapy Probe for Efficient Cellular Internalization. <i>Angewandte Chemie</i> , 2020, 132, 20585-20590.	1.6	10
2381	Role of MSC in the Tumor Microenvironment. <i>Cancers</i> , 2020, 12, 2107.	1.7	73
2382	Part 2: Deregulated Expressions of PIWI Proteins and piRNAs as New Candidate Biomarkers and Potential Therapeutic Tools in Cancer. , 0, , .		1
2383	Redox responsive paclitaxel dimer for programmed drug release and selectively killing cancer cells. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 785-793.	5.0	24
2384	The crosstalk between AXL and YAP promotes tumor progression through STAT3 activation in head and neck squamous cell carcinoma. <i>Cancer Science</i> , 2020, 111, 3222-3235.	1.7	15
2385	Mechanisms of Cancer Resistance to Immunotherapy. <i>Frontiers in Oncology</i> , 2020, 10, 1290.	1.3	159
2386	Possible Oncogenic Viruses Associated with Lung Cancer. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 10651-10666.	1.0	12
2387	Nucleobindin-1 regulates ECM degradation by promoting intra-Golgi trafficking of MMPs. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	24
2388	Nanoplatform-based cascade engineering for cancer therapy. <i>Chemical Society Reviews</i> , 2020, 49, 9057-9094.	18.7	109
2389	Revisiting cancer hallmarks: insights from the interplay between oxidative stress and non-coding RNAs. <i>Molecular Biomedicine</i> , 2020, 1, 4.	1.7	14
2391	A highly potential cleavable linker for tumor targeting antibody-chemokines. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, , 1-11.	2.0	10
2392	Predictive assembling model reveals the self-adaptive elastic properties of lamellipodial actin networks for cell migration. <i>Communications Biology</i> , 2020, 3, 616.	2.0	16
2393	Activatable Zymography Probes Enable <i>In Situ</i> Localization of Protease Dysregulation in Cancer. <i>Cancer Research</i> , 2021, 81, 213-224.	0.4	15
2394	MYC as a Multifaceted Regulator of Tumor Microenvironment Leading to Metastasis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7710.	1.8	54
2395	Blood-based extracellular matrix biomarkers are correlated with clinical outcome after PD-1 inhibition in patients with metastatic melanoma. , 2020, 8, e001193.		28
2396	Expression Profiling of Extracellular Matrix Genes Reveals Global and Entity-Specific Characteristics in Adenoid Cystic, Mucoepidermoid and Salivary Duct Carcinomas. <i>Cancers</i> , 2020, 12, 2466.	1.7	19
2397	Organoids in Translational Oncology. <i>Journal of Clinical Medicine</i> , 2020, 9, 2774.	1.0	18
2398	The Role of Cancer-Associated Fibroblasts and Extracellular Vesicles in Tumorigenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6837.	1.8	46

#	ARTICLE	IF	CITATIONS
2399	A Hierarchical Structured Ultrafine Fiber Device for Preventing Postoperative Recurrence and Metastasis of Breast Cancer. <i>Advanced Functional Materials</i> , 2020, 30, 2004851.	7.8	36
2400	Mesoporous silica nanoparticles: facile surface functionalization and versatile biomedical applications in oncology. <i>Acta Biomaterialia</i> , 2020, 116, 1-15.	4.1	90
2401	Design and therapeutic application of sodium alginate-based hydrogel with biodegradability and catalytic activity. <i>Science China Technological Sciences</i> , 2020, 63, 2403-2412.	2.0	6
2402	Prion Protein at the Leading Edge: Its Role in Cell Motility. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6677.	1.8	6
2403	The Role of Extracellular Proteases in Tumor Progression and the Development of Innovative Metal Ion Chelators That Inhibit Their Activity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6805.	1.8	16
2404	The matrix metalloproteinase 7 (<scp>MMP7</scp>) links Hsp90 chaperone with acquired drug resistance and tumor metastasis. <i>Cancer Reports</i> , 2022, 5, e1261.	0.6	7
2405	Metabolic rewiring in the promotion of cancer metastasis: mechanisms and therapeutic implications. <i>Oncogene</i> , 2020, 39, 6139-6156.	2.6	97
2406	100th Anniversary of Macromolecular Science Viewpoint: Biological Stimuli-Sensitive Polymer Prodrugs and Nanoparticles for Tumor-Specific Drug Delivery. <i>ACS Macro Letters</i> , 2020, 9, 1292-1302.	2.3	31
2407	Angiogenesis Inhibition in Prostate Cancer: An Update. <i>Cancers</i> , 2020, 12, 2382.	1.7	29
2408	LncRNA DANCR regulates the growth and metastasis of oral squamous cell carcinoma cells via altering miR-216a-5p expression. <i>Human Cell</i> , 2020, 33, 1281-1293.	1.2	11
2409	CO2 Pneumoperitoneum Effects on Molecular Markers of Tumor Invasiveness in SH-SY5Y Neuroblastoma Cells. <i>European Journal of Pediatric Surgery</i> , 2020, 30, 524-528.	0.7	3
2410	Combination of serum matrix metalloproteinase-3 activity and EBV antibodies improves the diagnostic performance of nasopharyngeal carcinoma. <i>Journal of Cancer</i> , 2020, 11, 6009-6018.	1.2	5
2411	Fibroblast Promotes Head and Neck Squamous Cell Carcinoma Cell Invasion through Mechanical Barriers in 3D Collagen Microenvironments. <i>ACS Applied Bio Materials</i> , 2020, 3, 6419-6429.	2.3	11
2412	Nanomotors Sense Local Physicochemical Heterogeneities in Tumor Microenvironments**. <i>Angewandte Chemie</i> , 2020, 132, 23898-23904.	1.6	3
2413	Nanomotors Sense Local Physicochemical Heterogeneities in Tumor Microenvironments**. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23690-23696.	7.2	37
2414	Study on the Mechanism of Ginseng in the Treatment of Lung Adenocarcinoma Based on Network Pharmacology. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-11.	0.5	3
2415	Cigarette Smoke Extract Stimulates MMP-2 Production in Nasal Fibroblasts via ROS/PI3K, Akt, and NF- κ B Signaling Pathways. <i>Antioxidants</i> , 2020, 9, 739.	2.2	13
2416	Retooling Cancer Nanotherapeuticsâ€™ Entry into Tumors to Alleviate Tumoral Hypoxia. <i>Small</i> , 2020, 16, e2003000.	5.2	36

#	ARTICLE	IF	CITATIONS
2417	Targeting DNA Methylation Depletes Uterine Leiomyoma Stem Cell-enriched Population by Stimulating Their Differentiation. <i>Endocrinology</i> , 2020, 161, .	1.4	15
2418	Advances in Therapeutic Targeting of Cancer Stem Cells within the Tumor Microenvironment: An Updated Review. <i>Cells</i> , 2020, 9, 1896.	1.8	73
2419	Roles of Proteoglycans and Glycosaminoglycans in Cancer Development and Progression. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5983.	1.8	83
2420	Specific Inhibitor of Matrix Metalloproteinase Decreases Tumor Invasiveness After Radiofrequency Ablation in Liver Tumor Animal Model. <i>Frontiers in Oncology</i> , 2020, 10, 561805.	1.3	4
2421	Hypoxia Correlates With Poor Survival and M2 Macrophage Infiltration in Colorectal Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 566430.	1.3	34
2422	Carotenoids in Cancer Metastasis-Status Quo and Outlook. <i>Biomolecules</i> , 2020, 10, 1653.	1.8	32
2423	Microenvironmental Determinants of Breast Cancer Metastasis: Focus on the Crucial Interplay Between Estrogen and Insulin/Insulin-Like Growth Factor Signaling. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 608412.	1.8	16
2424	Tumor Hypoxia and Circulating Tumor Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9592.	1.8	17
2425	Cell-free DNA promotes malignant transformation in non-tumor cells. <i>Scientific Reports</i> , 2020, 10, 21674.	1.6	12
2426	Neutrophil Elastase Facilitates Tumor Cell Intravasation and Early Metastatic Events. <i>IScience</i> , 2020, 23, 101799.	1.9	38
2427	Genomic investigation of co-targeting tumor immune microenvironment and immune checkpoints in pan-cancer immunotherapy. <i>Npj Precision Oncology</i> , 2020, 4, 29.	2.3	11
2428	Impact of Deoxycholic Acid on Oesophageal Adenocarcinoma Invasion: Effect on Matrix Metalloproteinases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8042.	1.8	5
2429	<p>Cinnamaldehyde Inhibits the Function of Osteosarcoma by Suppressing the Wnt/ β 2-Catenin and PI3K/Akt Signaling Pathways</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 4625-4637.	2.0	22
2430	MMP-1 promotes osteogenic differentiation of human bone marrow mesenchymal stem cells via the JNK and ERK pathway. <i>International Journal of Biochemistry and Cell Biology</i> , 2020, 129, 105880.	1.2	17
2431	Tumor cell endogenous HIF-1 activity induces aberrant angiogenesis and interacts with TRAF6 pathway required for colorectal cancer development. <i>Neoplasia</i> , 2020, 22, 745-758.	2.3	9
2432	In Vitro Organotypic Systems to Model Tumor Microenvironment in Human Papillomavirus (HPV)-Related Cancers. <i>Cancers</i> , 2020, 12, 1150.	1.7	15
2433	Identification of Human Secretome and Membrane Proteome-Based Cancer Biomarkers Utilizing Bioinformatics. <i>Journal of Membrane Biology</i> , 2020, 253, 257-270.	1.0	4
2434	Adhesion modulates cell morphology and migration within dense fibrous networks. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 314001.	0.7	8

#	ARTICLE	IF	CITATIONS
2435	Tumor Metabolism—Engineered Composite Nanoplatfoms Potentiate Sonodynamic Therapy via Reshaping Tumor Microenvironment and Facilitating Electron—Hole Pairs— Separation. <i>Advanced Functional Materials</i> , 2020, 30, 2000326.	7.8	109
2436	Sustainable Agriculture Reviews 43. <i>Sustainable Agriculture Reviews</i> , 2020, , .	0.6	2
2437	HSP47 promotes metastasis of breast cancer by interacting with myosin IIA via the unfolded protein response transducer IRE1. <i>Oncogene</i> , 2020, 39, 4519-4537.	2.6	17
2438	Arginine deprivation: a potential therapeutic for cancer cell metastasis? A review. <i>Cancer Cell International</i> , 2020, 20, 150.	1.8	61
2439	Breast Fibroblasts and ECM Components Modulate Breast Cancer Cell Migration through the Secretion of MMPs in a 3D Microfluidic Co-Culture Model. <i>Cancers</i> , 2020, 12, 1173.	1.7	56
2440	Gene expression in human liver fibrosis associated with <i>Echinococcus granulosus sensu lato</i> . <i>Parasitology Research</i> , 2020, 119, 2177-2187.	0.6	8
2441	The construction of in vitro tumor models based on 3D bioprinting. <i>Bio-Design and Manufacturing</i> , 2020, 3, 227-236.	3.9	19
2442	Development of stimuli-responsive intelligent polymer micelles for the delivery of doxorubicin. <i>Journal of Drug Targeting</i> , 2020, 28, 993-1011.	2.1	8
2443	Functional Roles of Matrix Metalloproteinases and Their Inhibitors in Melanoma. <i>Cells</i> , 2020, 9, 1151.	1.8	78
2444	Colorectal Cancer Invasion and Atrophy of the Enteric Nervous System: Potential Feedback and Impact on Cancer Progression. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3391.	1.8	22
2445	Senescent Cells in Cancer Therapy: Friends or Foes?. <i>Trends in Cancer</i> , 2020, 6, 838-857.	3.8	259
2446	Tissue regeneration and reprogramming. , 2020, , 515-534.		1
2447	Biomechanical Contributions to Macrophage Activation in the Tumor Microenvironment. <i>Frontiers in Oncology</i> , 2020, 10, 787.	1.3	40
2448	Metalloproteinases and Their Inhibitors: Potential for the Development of New Therapeutics. <i>Cells</i> , 2020, 9, 1313.	1.8	174
2449	Inhibition of matrix metalloproteinase expression and cellular invasion by NF- κ B inhibitors of microbial origin. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140412.	1.1	14
2450	Tumor-Penetrating Hierarchically Structured Nanomarker for Imaging-Guided Urinary Monitoring of Cancer. <i>ACS Sensors</i> , 2020, 5, 1567-1572.	4.0	3
2451	Abnormal Hypermethylation of CpG Dinucleotides in Promoter Regions of Matrix Metalloproteinases Genes in Breast Cancer and its Relation to Epigenomic Subtypes and HER2 Overexpression. <i>Biomedicines</i> , 2020, 8, 116.	1.4	9
2452	Cryptic collagen elements as signaling hubs in the regulation of tumor growth and metastasis. <i>Journal of Cellular Physiology</i> , 2020, 235, 9005-9020.	2.0	11

#	ARTICLE	IF	CITATIONS
2453	Catechol inhibits epidermal growth factor-induced epithelial-to-mesenchymal transition and stem cell-like properties in hepatocellular carcinoma cells. <i>Scientific Reports</i> , 2020, 10, 7620.	1.6	9
2454	Probody Therapeutic Design of 89Zr-CX-072 Promotes Accumulation in PD-L1-Expressing Tumors Compared to Normal Murine Lymphoid Tissue. <i>Clinical Cancer Research</i> , 2020, 26, 3999-4009.	3.2	35
2455	Urothelial Carcinoma of the Bladder Induces Endothelial Cell Activation and Hypercoagulation. <i>Molecular Cancer Research</i> , 2020, 18, 1099-1109.	1.5	19
2456	Extracellular vesicle cross-talk in the liposarcoma microenvironment. <i>Cancer Letters</i> , 2020, 487, 27-33.	3.2	10
2457	Tumor-Cell-Surface Adherable Peptide-Drug Conjugate Prodrug Nanoparticles Inhibit Tumor Metastasis and Augment Treatment Efficacy. <i>Nano Letters</i> , 2020, 20, 4153-4161.	4.5	31
2458	Tspan8 Drives Melanoma Dermal Invasion by Promoting ProMMP-9 Activation and Basement Membrane Proteolysis in a Keratinocyte-Dependent Manner. <i>Cancers</i> , 2020, 12, 1297.	1.7	16
2459	Role of Extracellular Matrix in Gastrointestinal Cancer-Associated Angiogenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3686.	1.8	20
2460	A type IV collagenase inhibitor, N-hydroxy-3-phenyl-2-(4-phenylbenzenesulfonamido) propanamide (BiPS), suppresses skin injury induced by sulfur mustard. <i>Toxicology and Applied Pharmacology</i> , 2020, 401, 115078.	1.3	0
2461	Immunohistochemical Investigation of Predictive Biomarkers for Mandibular Bone Invasion in Oral Squamous Cell Carcinoma. <i>Pathology and Oncology Research</i> , 2020, 26, 2381-2389.	0.9	5
2462	Epithelial-to-mesenchymal transition as the driver of changing carcinoma and glioblastoma microenvironment. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118782.	1.9	41
2463	Molecular Interactions Stabilizing the Promatrix Metalloprotease-9- α -Serglycin Heteromer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4205.	1.8	2
2464	Vimentin plays an important role in the promotion of breast cancer cell migration and invasion by leucine aminopeptidase 3. <i>Cytotechnology</i> , 2020, 72, 639-647.	0.7	14
2465	Polyethylenimine-Assisted Generation of Optical Nanoprobes for Biosensing Applications. <i>ACS Applied Bio Materials</i> , 2020, 3, 3935-3955.	2.3	16
2466	New transcriptomics biomarkers involved in Cisplatin-flurouracil resistance in gastric cancer. <i>Informatics in Medicine Unlocked</i> , 2020, 19, 100340.	1.9	1
2467	Bruton's Tyrosine Kinase (BTK) Inhibitor (Ibrutinib)-Suppressed Migration and Invasion of Prostate Cancer. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 4113-4122.	1.0	13
2468	Anti-Migratory Effects of 4- β -Geranyloxyferulic Acid on LPS-Stimulated U937 and HCT116 Cells via MMP-9 Down-Regulation: Involvement of ROS/ERK Signaling Pathway. <i>Antioxidants</i> , 2020, 9, 470.	2.2	2
2469	Chemo-Photothermal Combination Cancer Therapy with ROS Scavenging, Extracellular Matrix Depletion, and Tumor Immune Activation by Telmisartan and Diselenide-Paclitaxel Prodrug Loaded Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 31292-31308.	4.0	33
2470	The tumour microenvironment of pituitary neuroendocrine tumours. <i>Frontiers in Neuroendocrinology</i> , 2020, 58, 100852.	2.5	29

#	ARTICLE	IF	CITATIONS
2471	Pro-tumorigenic functions of macrophages at the primary, invasive and metastatic tumor site. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 1673-1697.	2.0	38
2472	Identification of methylated-differentially expressed genes and pathways in esophageal squamous cell carcinoma. <i>Pathology Research and Practice</i> , 2020, 216, 153050.	1.0	3
2473	SPARC Negatively Correlates With Prognosis After Transarterial Chemoembolization and Facilitates Proliferation and Metastasis of Hepatocellular Carcinoma via ERK/MMP Signaling Pathways. <i>Frontiers in Oncology</i> , 2020, 10, 813.	1.3	11
2474	New insights into molecular and cellular mechanisms of zoledronate in human osteosarcoma. , 2020, 214, 107611.		50
2475	MT1-MMP activatable fluorogenic probes with enhanced specificity <i>via</i> high-affinity peptide conjugation for tumor imaging. <i>Biomaterials Science</i> , 2020, 8, 2308-2317.	2.6	7
2476	Matrix metalloprotein-triggered, cell penetrating peptide-modified star-shaped nanoparticles for tumor targeting and cancer therapy. <i>Journal of Nanobiotechnology</i> , 2020, 18, 48.	4.2	41
2477	<i>Withania somnifera</i> (L.) Dunal: A potential therapeutic adjuvant in cancer. <i>Journal of Ethnopharmacology</i> , 2020, 255, 112759.	2.0	30
2478	Host-directed therapies targeting the tuberculosis granuloma stroma. <i>Pathogens and Disease</i> , 2020, 78, .	0.8	20
2479	Molecular principles of metastasis: a hallmark of cancer revisited. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 28.	7.1	1,075
2480	<p>Enhanced and Prolonged Antitumor Effect of Salinomycin-Loaded Gelatinase-Responsive Nanoparticles via Targeted Drug Delivery and Inhibition of Cervical Cancer Stem Cells</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 1283-1295.	3.3	25
2481	Strategies and challenges to improve the performance of tumor-associated active targeting. <i>Journal of Materials Chemistry B</i> , 2020, 8, 3959-3971.	2.9	39
2482	Construction of a novel "ball-and-rod" MSNs-pp-PEG system: a promising antitumor drug delivery system with a particle size switchable function. <i>Chemical Communications</i> , 2020, 56, 4785-4788.	2.2	8
2483	RNA-seq data analysis of stimulated hepatocellular carcinoma cells treated with epigallocatechin gallate and fisetin reveals target genes and action mechanisms. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 686-695.	1.9	7
2484	Unexplored features of Ru(II) polypyridyl complexes " towards combined cytotoxic and antimetastatic activity. <i>Metallomics</i> , 2020, 12, 784-793.	1.0	19
2485	ImmunoPET: Concept, Design, and Applications. <i>Chemical Reviews</i> , 2020, 120, 3787-3851.	23.0	263
2486	Molecular domino reactor built by automated modular synthesis for cancer treatment. <i>Theranostics</i> , 2020, 10, 4030-4041.	4.6	14
2487	Expression of RSK4, CD44 and MMP-9 is upregulated and positively correlated in metastatic ccRCC. <i>Diagnostic Pathology</i> , 2020, 15, 28.	0.9	16
2488	Knocking out matrix metalloproteinase 12 causes the accumulation of M2 macrophages in intestinal tumor microenvironment of mice. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 1409-1421.	2.0	8

#	ARTICLE	IF	CITATIONS
2489	Urinary detection of lung cancer in mice via noninvasive pulmonary protease profiling. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	58
2490	Recent developments of mesoporous silica nanoparticles in biomedicine. <i>Emergent Materials</i> , 2020, 3, 381-405.	3.2	25
2491	Macrophage-derived MMP-9 enhances the progression of atherosclerotic lesions and vascular calcification in transgenic rabbits. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 4261-4274.	1.6	32
2492	Gastric Damage and Cancer-Associated Biomarkers in <i>Helicobacter pylori</i> -Infected Children. <i>Frontiers in Microbiology</i> , 2020, 11, 90.	1.5	22
2493	The Engagement Between MDSCs and Metastases: Partners in Crime. <i>Frontiers in Oncology</i> , 2020, 10, 165.	1.3	50
2494	Nanotechnology-based targeted drug delivery systems and drug resistance in colorectal cancer. , 2020, , 173-198.		1
2495	MMP2 as an independent prognostic stratifier in oral cavity cancers. <i>Oncolmmunology</i> , 2020, 9, 1754094.	2.1	15
2496	HDAC6 Plays a Noncanonical Role in the Regulation of Antitumor Immune Responses, Dissemination, and Invasiveness of Breast Cancer. <i>Cancer Research</i> , 2020, 80, 3649-3662.	0.4	30
2497	Porf-2 Inhibits Tumor Cell Migration Through the MMP-2/9 Signaling Pathway in Neuroblastoma and Glioma. <i>Frontiers in Oncology</i> , 2020, 10, 975.	1.3	7
2498	Influence of Fibroblasts on Mammary Gland Development, Breast Cancer Microenvironment Remodeling, and Cancer Cell Dissemination. <i>Cancers</i> , 2020, 12, 1697.	1.7	27
2499	Human Plasma-Derived 3D Cultures Model Breast Cancer Treatment Responses and Predict Clinically Effective Drug Treatment Concentrations. <i>Cancers</i> , 2020, 12, 1722.	1.7	22
2500	The Many Faces of Matrix Metalloproteinase-7 in Kidney Diseases. <i>Biomolecules</i> , 2020, 10, 960.	1.8	48
2501	An accurate and ultrasensitive SERS sensor with Au-Se interface for bioimaging and <i>in situ</i> quantitation. <i>Chemical Communications</i> , 2020, 56, 9320-9323.	2.2	19
2502	Using Cytometry for Investigation of Purinergic Signaling in Tumor-Associated Macrophages. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020, 97, 1109-1126.	1.1	5
2503	Biological Functions and Therapeutic Potential of Lipocalin 2 in Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4365.	1.8	78
2504	Protease-activation using anti-idiotypic masks enables tumor specificity of a folate receptor 1-T cell bispecific antibody. <i>Nature Communications</i> , 2020, 11, 3196.	5.8	43
2505	Stimuli-Responsive Polymeric Nanocarriers for Drug Delivery, Imaging, and Theragnosis. <i>Polymers</i> , 2020, 12, 1397.	2.0	281
2506	Polarization of Tumor-Associated Macrophages by Chinese Medicine Intervention: Mechanisms and Applications. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
2507	Heart-derived fibroblasts express LYPD-1 and negatively regulate angiogenesis in rat. <i>Regenerative Therapy</i> , 2020, 15, 27-33.	1.4	4
2508	The role of extracellular matrix in normal and pathological pregnancy: Future applications of microphysiological systems in reproductive medicine. <i>Experimental Biology and Medicine</i> , 2020, 245, 1163-1174.	1.1	37
2509	Role of FOXO Transcription Factors in Cancer Metabolism and Angiogenesis. <i>Cells</i> , 2020, 9, 1586.	1.8	26
2510	Mandibular undifferentiated pleomorphic sarcoma: Molecular analysis of a primary cell population. <i>Clinical and Experimental Dental Research</i> , 2020, 6, 495-505.	0.8	6
2511	A self-assembly and stimuli-responsive fusion gelonin delivery system for tumor treatment. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 89, 409-415.	2.9	3
2512	Effects of pirfenidone targeting the tumor microenvironment and tumor-stroma interaction as a novel treatment for non-small cell lung cancer. <i>Scientific Reports</i> , 2020, 10, 10900.	1.6	38
2513	Oral and intestinal bacterial exotoxins: Potential linked to carcinogenesis. <i>Progress in Molecular Biology and Translational Science</i> , 2020, 171, 131-193.	0.9	16
2514	The Role of Rho GTPases in Motility and Invasion of Glioblastoma Cells. <i>Analytical Cellular Pathology</i> , 2020, 2020, 1-9.	0.7	31
2515	<p>Pulmonary-Affinity Paclitaxel Polymer Micelles in Response to Biological Functions of Ambroxol Enhance Therapeutic Effect on Lung Cancer</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 779-793.	3.3	17
2516	Antiparkinson Drug Benztropine Suppresses Tumor Growth, Circulating Tumor Cells, and Metastasis by Acting on SLC6A3/DAT and Reducing STAT3. <i>Cancers</i> , 2020, 12, 523.	1.7	34
2517	Cellular uptake of collagens and implications for immune cell regulation in disease. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 3161-3176.	2.4	28
2518	Dietary AGEs involvement in colonic inflammation and cancer: insights from an in vitro enterocyte model. <i>Scientific Reports</i> , 2020, 10, 2754.	1.6	17
2519	p53â€™s Extended Reach: The Mutant p53 Secretome. <i>Biomolecules</i> , 2020, 10, 307.	1.8	35
2520	Tumor microenvironment-responsive intelligent nanoplatforms for cancer theranostics. <i>Nano Today</i> , 2020, 32, 100851.	6.2	249
2521	Prognostic biomarkers for malignant transformation of oral potentially malignant disorders: a scoping review protocol. <i>JB Evidence Synthesis</i> , 2020, 18, 1349-1357.	0.6	3
2522	Recent advances of nanomedicines for liver cancer therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 3747-3771.	2.9	37
2523	Target-activated transcription for the amplified sensing of protease biomarkers. <i>Chemical Science</i> , 2020, 11, 2993-2998.	3.7	16
2524	Quercetin Inhibits Cell Survival and Metastatic Ability via the EMT-Mediated Pathway in Oral Squamous Cell Carcinoma. <i>Molecules</i> , 2020, 25, 757.	1.7	19

#	ARTICLE	IF	CITATIONS
2525	Collagen-Immobilized Extracellular FRET Reporter for Visualizing Protease Activity Secreted by Living Cells. <i>ACS Sensors</i> , 2020, 5, 655-664.	4.0	14
2526	Updates on mechanistic insights and targeting of tumour metastasis. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 2076-2086.	1.6	9
2527	Novel functions for 2-phenylbenzimidazole-5-sulphonic acid: Inhibition of ovarian cancer cell responses and tumour angiogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 2688-2700.	1.6	6
2528	Potential roles of protease inhibitors in anticancer therapy. , 2020, , 13-49.		6
2529	Collagenases and gelatinases and their inhibitors as anticancer agents. , 2020, , 265-294.		6
2530	Novel ADAM-17 inhibitor ZLDI-8 inhibits the metastasis of hepatocellular carcinoma by reversing epithelial-mesenchymal transition in vitro and in vivo. <i>Life Sciences</i> , 2020, 244, 117343.	2.0	24
2531	Identification of MMP1 and MMP2 by RNA-seq analysis in laryngeal squamous cell carcinoma. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2020, 41, 102391.	0.6	3
2532	Framing cancer progression: influence of the organ- and tumour-specific matrisome. <i>FEBS Journal</i> , 2020, 287, 1454-1477.	2.2	27
2533	Oxymatrine suppresses IL-1 β -induced degradation of the nucleus pulposus cell and extracellular matrix through the TLR4/NF- κ B signaling pathway. <i>Experimental Biology and Medicine</i> , 2020, 245, 532-541.	1.1	14
2534	Signaling pathways in Rhabdomyosarcoma invasion and metastasis. <i>Cancer and Metastasis Reviews</i> , 2020, 39, 287-301.	2.7	46
2535	Bone marrow niche-derived extracellular matrix-degrading enzymes influence the progression of B-cell acute lymphoblastic leukemia. <i>Leukemia</i> , 2020, 34, 1540-1552.	3.3	46
2536	Stromal-epithelial interactions in prostate cancer: Overexpression of PAGE4 in stromal cells inhibits the invasive ability of epithelial cells. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 4406-4418.	1.2	7
2537	Sam68 Promotes the Progression of Human Breast Cancer through inducing Activation of EphA3. <i>Current Cancer Drug Targets</i> , 2020, 20, 76-83.	0.8	5
2538	Opposite Macrophage Polarization in Different Subsets of Ovarian Cancer: Observation from a Pilot Study. <i>Cells</i> , 2020, 9, 305.	1.8	22
2539	The NOTCH1-HEY1 pathway regulates self-renewal and epithelial-mesenchymal transition of salivary adenoid cystic carcinoma cells. <i>International Journal of Biological Sciences</i> , 2020, 16, 598-610.	2.6	32
2540	Gelsolin Promotes Cancer Progression by Regulating Epithelial-Mesenchymal Transition in Hepatocellular Carcinoma and Correlates with a Poor Prognosis. <i>Journal of Oncology</i> , 2020, 2020, 1-10.	0.6	19
2541	Superoxide Dismutase Mimic, MnTE-2-PyP Enhances Rectal Anastomotic Strength in Rats after Preoperative Chemoradiotherapy. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-11.	1.9	4
2542	Redox-Mediated Post-Translational Modifications of Proteolytic Enzymes and Their Role in Protease Functioning. <i>Biomolecules</i> , 2020, 10, 650.	1.8	17

#	ARTICLE	IF	CITATIONS
2544	Matrix Metalloproteinasesâ€™ Role in Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1245, 97-131.	0.8	60
2545	The role of macrophages during breast cancer development and response to chemotherapy. <i>Clinical and Translational Oncology</i> , 2020, 22, 1938-1951.	1.2	19
2546	Matrix Metalloproteinase-Responsive PEGylated Lipid Nanoparticles for Controlled Drug Delivery in the Treatment of Rheumatoid Arthritis. <i>ACS Applied Bio Materials</i> , 2020, 3, 3276-3284.	2.3	27
2547	JNK-dependent intestinal barrier failure disrupts hostâ€™microbe homeostasis during tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9401-9412.	3.3	47
2548	Endometrial Cancer Immune Escape Mechanisms: Let Us Learn From the Fetalâ€™Maternal Interface. <i>Frontiers in Oncology</i> , 2020, 10, 156.	1.3	24
2549	Matrix Metalloproteinases: How Much Can They Do?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2678.	1.8	24
2550	The role of tumor-associated macrophages (TAMs) in tumor progression and relevant advance in targeted therapy. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 2156-2170.	5.7	178
2551	O-Vanillin Attenuates the TLR2 Mediated Tumor-Promoting Phenotype of Microglia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2959.	1.8	15
2552	Fluidity and elasticity form a concise set of viscoelastic biomarkers for breast cancer diagnosis based on Kelvinâ€™Voigt fractional derivative modeling. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 2163-2177.	1.4	16
2553	Physics in nanomedicine: Phenomena governing the <i>in vivo</i> performance of nanoparticles. <i>Applied Physics Reviews</i> , 2020, 7, .	5.5	36
2554	Changes in Serum Interleukin-8 and sRAGE Levels in Multiple Myeloma Patients. <i>Anticancer Research</i> , 2020, 40, 1443-1449.	0.5	8
2555	Heat Shock Protein 47 Maintains Cancer Cell Growth by Inhibiting the Unfolded Protein Response Transducer IRE1. <i>Molecular Cancer Research</i> , 2020, 18, 847-858.	1.5	7
2556	Signaling of Macrophages that Contours the Tumor Microenvironment for Promoting Cancer Development. <i>Cells</i> , 2020, 9, 919.	1.8	17
2557	Biomaterials- and Microfluidics-Based Tissue Engineered 3D Models. <i>Advances in Experimental Medicine and Biology</i> , 2020, , .	0.8	6
2558	Microfluidic adhesion analysis of single glioma cells for evaluating the effect of drugs. <i>Science China Chemistry</i> , 2020, 63, 865-870.	4.2	18
2559	Multifunctionalized Protein-Based Drug Delivery System for Inhibition of Tumor Growth and Progression. <i>ACS Applied Bio Materials</i> , 2020, 3, 3196-3202.	2.3	4
2560	Functional peptide-based drug delivery systems. <i>Journal of Materials Chemistry B</i> , 2020, 8, 6517-6529.	2.9	42
2561	The Multifaceted Nature of Tumor Microenvironment in Breast Carcinomas. <i>Pathobiology</i> , 2020, 87, 125-142.	1.9	49

#	ARTICLE	IF	CITATIONS
2562	NF- κ B-Activated miR-574 Promotes Multiple Malignant and Metastatic Phenotypes by Targeting BNIP3 in Thyroid Carcinoma. <i>Molecular Cancer Research</i> , 2020, 18, 955-967.	1.5	2
2563	Fasentin diminishes endothelial cell proliferation, differentiation and invasion in a glucose metabolism-independent manner. <i>Scientific Reports</i> , 2020, 10, 6132.	1.6	13
2564	Co-administration of Aluminum Sulfate and Propolis Regulates Matrix Metalloproteinases-2/9 Expression and Improves the Uterine Leiomyoma in Adult Rat Model. <i>Biological Trace Element Research</i> , 2021, 199, 1002-1012.	1.9	2
2565	Good cops turn bad: The contribution of neutrophils to immune-checkpoint inhibitor treatment failures in cancer. , 2021, 217, 107662.		18
2566	MicroRNA-302a promotes neointimal formation following carotid artery injury in mice by targeting PHLPP2 thus increasing Akt signaling. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 550-559.	2.8	5
2567	Construction of Enzyme Nanoreactors to Enable Tumor Microenvironment Modulation and Enhanced Cancer Treatment. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001167.	3.9	23
2568	IDO-inhibitor potentiated immunogenic chemotherapy abolishes primary tumor growth and eradicates metastatic lesions by targeting distinct compartments within tumor microenvironment. <i>Biomaterials</i> , 2021, 269, 120388.	5.7	37
2569	The changing face of gastric cancer: epidemiologic trends and advances in novel therapies. <i>Cancer Gene Therapy</i> , 2021, 28, 390-399.	2.2	23
2570	Fucoxanthin extracted from <i>Laminaria Japonica</i> inhibits metastasis and enhances the sensitivity of lung cancer to Gefitinib. <i>Journal of Ethnopharmacology</i> , 2021, 265, 113302.	2.0	30
2571	Free radicals for cancer theranostics. <i>Biomaterials</i> , 2021, 266, 120474.	5.7	95
2572	A paradoxical role of reactive oxygen species in cancer signaling pathway: Physiology and pathology. <i>Process Biochemistry</i> , 2021, 100, 69-81.	1.8	37
2573	Tumor Microenvironment Sensitive Nanocarriers for Bioimaging and Therapeutics. <i>Advanced Healthcare Materials</i> , 2021, 10, e2000834.	3.9	40
2574	The prognostic significance of interferon-stimulated gene 15 (ISG15) in invasive breast cancer. <i>Breast Cancer Research and Treatment</i> , 2021, 185, 293-305.	1.1	26
2575	Prognosis of metastasis based on age and serum analytes after follow-up of non-metastatic lung cancer patients. <i>Translational Oncology</i> , 2021, 14, 100933.	1.7	2
2576	Bacteria-derived membrane vesicles to advance targeted photothermal tumor ablation. <i>Biomaterials</i> , 2021, 268, 120550.	5.7	57
2577	Nanomedicine enables spatiotemporally regulating macrophage-based cancer immunotherapy. <i>Biomaterials</i> , 2021, 268, 120552.	5.7	23
2578	Bioengineering of nano metal-organic frameworks for cancer immunotherapy. <i>Nano Research</i> , 2021, 14, 1244-1259.	5.8	37
2579	Tumour targetable and microenvironment-responsive nanoparticles simultaneously disrupt the PD-1/PD-L1 pathway and MAPK/ERK/JNK pathway for efficient treatment of colorectal cancer. <i>Journal of Drug Targeting</i> , 2021, 29, 454-465.	2.1	6

#	ARTICLE	IF	CITATIONS
2580	Natural Killer Cell Defects in Breast Cancer: A Key Pathway for Tumor Evasion. <i>International Reviews of Immunology</i> , 2021, 40, 197-216.	1.5	8
2581	Targeting tumor-associated macrophages as an antitumor strategy. <i>Biochemical Pharmacology</i> , 2021, 183, 114354.	2.0	88
2582	Chemical linkers: Potential approach to target tumor. , 2021, , 175-200.		0
2583	Barbiturate derivatives for managing multifaceted oncogenic pathways: A mini review. <i>Drug Development Research</i> , 2021, 82, 364-373.	1.4	3
2584	Adaptive ordering and filament polymerization of cell cytoskeleton by tunable nanoarrays. <i>Nano Research</i> , 2021, 14, 620-627.	5.8	4
2585	Senescence Reprogramming by TIMP1 Deficiency Promotes Prostate Cancer Metastasis. <i>Cancer Cell</i> , 2021, 39, 68-82.e9.	7.7	66
2586	Tumor microenvironment derived signature predicting relapse-free survival in HII cancer and preliminary experiment verification. <i>International Immunopharmacology</i> , 2021, 91, 107243.	1.7	4
2587	Responsive and activable nanomedicines for remodeling the tumor microenvironment. <i>Nature Protocols</i> , 2021, 16, 405-430.	5.5	31
2588	High efficiency loading of micellar nanoparticles with a light switch for enzyme-induced rapid release of cargo. <i>Biomaterials Science</i> , 2021, 9, 653-657.	2.6	5
2589	Circular RNA circDLC1 inhibits MMP1-mediated liver cancer progression via interaction with HuR. <i>Theranostics</i> , 2021, 11, 1396-1411.	4.6	101
2590	Peptide-functionalized delivery vehicles for enhanced cancer therapy. <i>International Journal of Pharmaceutics</i> , 2021, 593, 120141.	2.6	14
2591	NKCC1 promotes proliferation, invasion and migration in human gastric cancer cells via activation of the MAPK-JNK/EMT signaling pathway. <i>Journal of Cancer</i> , 2021, 12, 253-263.	1.2	19
2592	An enzyme-mediated controlled release system for curcumin based on cyclodextrin/cyclodextrin degrading enzyme. <i>Enzyme and Microbial Technology</i> , 2021, 144, 109727.	1.6	22
2593	Luteolin suppresses androgen receptor-positive triple-negative breast cancer cell proliferation and metastasis by epigenetic regulation of MMP9 expression via the AKT/mTOR signaling pathway. <i>Phytomedicine</i> , 2021, 81, 153437.	2.3	76
2594	Metabolic regulatory crosstalk between tumor microenvironment and tumor-associated macrophages. <i>Theranostics</i> , 2021, 11, 1016-1030.	4.6	149
2595	Stromal metalloproteinases: Crucial contributors to the tumor microenvironment. <i>Pathology International</i> , 2021, 71, 1-14.	0.6	24
2597	TGF β ² Signaling in the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1270, 89-105.	0.8	12
2598	Extracellular Matrix Remodeling and Development of Cancer. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 739-747.	1.7	36

#	ARTICLE	IF	CITATIONS
2599	Targeting Glioblastoma: Advances in Drug Delivery and Novel Therapeutic Approaches. <i>Advanced Therapeutics</i> , 2021, 4, 2000124.	1.6	35
2600	Molecular biomarker identification for esophageal adenocarcinoma using endoscopic brushing and magnified endoscopy. <i>Esophagus</i> , 2021, 18, 306-314.	1.0	2
2601	Matrix metalloproteinases in keratinocyte carcinomas. <i>Experimental Dermatology</i> , 2021, 30, 50-61.	1.4	23
2602	Esomeprazole inhibits the lysosomal cysteine protease legumain to prevent cancer metastasis. <i>Investigational New Drugs</i> , 2021, 39, 337-347.	1.2	9
2603	Isolation, identification, and characterization of novel nanovesicles. <i>Oncotarget</i> , 0, 7, 41346-41362.	0.8	23
2604	In Silico Identification of Contradictory Role of ADAMTS5 in Hepatocellular Carcinoma. <i>Technology in Cancer Research and Treatment</i> , 2021, 20, 153303382098682.	0.8	5
2605	The histone deacetylase inhibitor PCI-24781 impairs calcium influx and inhibits proliferation and metastasis in breast cancer. <i>Theranostics</i> , 2021, 11, 2058-2076.	4.6	13
2606	Hydrogels to engineer tumor microenvironments <i>in vitro</i> . <i>Biomaterials Science</i> , 2021, 9, 2362-2383.	2.6	17
2607	Endocrine disrupting chemicals and breast cancer cells. <i>Advances in Pharmacology</i> , 2021, 92, 485-520.	1.2	15
2608	Decellularized Matrix Hydrogels for <i>In Vitro</i> Disease Modeling. <i>RSC Soft Matter</i> , 2021, , 626-659.	0.2	1
2609	Prognostic Role of Matrix Metalloproteinases in Cervical Cancer: A Meta-Analysis. <i>Cancer Control</i> , 2021, 28, 107327482110337.	0.7	7
2610	Research trends in pharmacological modulation of tumor-associated macrophages. <i>Clinical and Translational Medicine</i> , 2021, 11, e288.	1.7	52
2612	<i>YKT6</i> , as a potential predictor of prognosis and immunotherapy response for oral squamous cell carcinoma, is related to cell invasion, metastasis, and CD8+ T cell infiltration. <i>Oncolmmunology</i> , 2021, 10, 1938890.	2.1	46
2613	miR-4319 inhibited retinoblastoma cells proliferation, migration, invasion and EMT progress via suppressing CD147 mediated MMPs expression. <i>Journal of Molecular Histology</i> , 2021, 52, 269-277.	1.0	4
2614	Autotaxin is an important component of the tumor microenvironment and a major modulator of therapy responses for breast cancer. , 2021, , 47-63.		0
2615	Judging Enzyme-Responsive Micelles by Their Covers: Direct Comparison of Dendritic Amphiphiles with Different Hydrophilic Blocks. <i>Biomacromolecules</i> , 2021, 22, 1197-1210.	2.6	21
2616	Anticancer properties of astaxanthin: A molecule of great promise. , 2021, , 427-445.		3
2617	Cellular and Molecular Players in the Interplay between Adipose Tissue and Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1359.	1.8	5

#	ARTICLE	IF	CITATIONS
2618	In Vitro Spectroscopy-Based Profiling of Urothelial Carcinoma: A Fourier Transform Infrared and Raman Imaging Study. <i>Cancers</i> , 2021, 13, 123.	1.7	14
2619	Enzymes Matrix Metalloproteinases. , 2021, , 336-353.		1
2620	Matrix metalloproteinase inhibitors (MMPis) as attractive therapeutic targets: Recent progress and current challenges. <i>NanoImpact</i> , 2021, 21, 100293.	2.4	18
2621	Ruthenium(II)arene complexes as anti-metastatic agents, and related techniques. <i>RSC Medicinal Chemistry</i> , 2022, 13, 22-38.	1.7	27
2622	Monocytes in the Tumor Microenvironment. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2021, 16, 93-122.	9.6	126
2623	Protective effect of Artemisiae Capillaris Herba water extract on liver injury induced by thioacetamide. <i>Journal of Nutrition and Health</i> , 2021, 54, 412.	0.2	2
2624	Estimation of serum and salivary matrix metalloproteinase levels in oral squamous cell carcinoma patients: a systematic review and meta-analysis. <i>Postepy Dermatologii I Alergologii</i> , 2021, 38, 106-114.	0.4	5
2625	Consistent Inclusion of Mesenchymal Stem Cells into In Vitro Tumor Models. <i>Methods in Molecular Biology</i> , 2021, 2269, 3-23.	0.4	0
2626	Hydroxyethyl starch based smart nanomedicine. <i>RSC Advances</i> , 2021, 11, 3226-3240.	1.7	30
2627	Cancer Development and Immunology. , 2021, , 5-13.		0
2628	Robust rank aggregation and ciphersort algorithm applied to the identification of key genes in head and neck squamous cell cancer. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 4491-4507.	1.0	3
2629	The role of macrophages and osteoclasts in the progression of leukemia. <i>Hematology</i> , 2021, 26, 724-733.	0.7	2
2630	Phenolic Compounds Impact on Rheumatoid Arthritis, Inflammatory Bowel Disease and Microbiota Modulation. <i>Pharmaceutics</i> , 2021, 13, 145.	2.0	29
2631	Development of a LC-MS/MS method for the quantification of toxic payload DM1 cleaved from BT1718 in a Phase I study. <i>Bioanalysis</i> , 2021, 13, 101-113.	0.6	12
2632	The Role of Anti-angiogenesis in the Treatment Landscape of Non-small Cell Lung Cancer – New Combinational Approaches and Strategies of Neovessel Inhibition. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 610903.	1.8	24
2634	Cell-Penetrating Doxorubicin Released from Elastin-Like Polypeptide Kills Doxorubicin-Resistant Cancer Cells in In Vitro Study. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1126.	1.8	9
2635	The relationship of tumor microenvironment and clinico-pathological parameters in different molecular subtypes of breast cancer. <i>Journal of Health Sciences</i> , 0, , .	0.5	0
2636	MMP9 EXPRESSION IN THE CYTOPLASM OF SURROUNDING STROMAL CELLS OF BREAST CARCINOMA IN RELATION TO PATHOLOGICAL STAGE, GRADE AND RECEPTOR STATUS. , 2021, , 1-3.		0

#	ARTICLE	IF	CITATIONS
2637	Novel immunotherapy strategies involving matrix metalloproteinase (MMP) family. , 2021, , 227-251.		0
2638	The cancer cell secretome drives cooperative manipulation of the tumour microenvironment to accelerate tumourigenesis. Faculty Reviews, 2021, 10, 4.	1.7	12
2639	Comprehensively enhanced delivery cascade by transformable beaded nanofibrils for pancreatic cancer therapy. Nanoscale, 2021, 13, 13328-13343.	2.8	7
2640	Quantitatively visualizing the activity of MMP-2 enzyme in vivo using a ratiometric photoacoustic probe. Methods in Enzymology, 2021, 657, 59-87.	0.4	2
2641	Using High Molecular Precision to Study Enzymatically Induced Disassembly of Polymeric Nanocarriers: Direct Enzymatic Activation or Equilibrium-Based Degradation?. Macromolecules, 2021, 54, 1577-1588.	2.2	7
2642	Metformin Mediated PD‑1 Downregulation in Combination with Photodynamic‑ImmunoTherapy for Treatment of Breast Cancer. Advanced Functional Materials, 2021, 31, 2007149.	7.8	89
2643	Molecular and Functional Imaging and Theranostics of the Tumor Microenvironment. , 2021, , 1007-1029.		1
2644	Targeting the cytoskeleton against metastatic dissemination. Cancer and Metastasis Reviews, 2021, 40, 89-140.	2.7	34
2645	Synthesis of Multi-Functional Nano-Vectors for Target-Specific Drug Delivery. Polymers, 2021, 13, 451.	2.0	9
2646	De-shielding of activatable cell-penetrating peptides: recognizing and releasing in activation process. Research on Chemical Intermediates, 2021, 47, 117-130.	1.3	2
2647	Regression of Lung Squamous Cell Carcinoma after the Withdrawal of Cyclosporin A Combined with Pirfenidone Treatment in a Patient with Idiopathic Pulmonary Fibrosis. Internal Medicine, 2021, 60, 617-621.	0.3	3
2648	Pancreatic Cancer: Recent Progress of Drugs in Clinical Trials. AAPS Journal, 2021, 23, 29.	2.2	5
2649	Macrophages and Extracellular Matrix in Breast Cancer: Partners in Crime or Protective Allies?. Frontiers in Oncology, 2021, 11, 620773.	1.3	46
2650	A Bacteria-Inspired Morphology Genetic Biomedical Material: Self-Propelled Artificial Microbots for Metastatic Triple Negative Breast Cancer Treatment. ACS Nano, 2021, 15, 4845-4860.	7.3	22
2651	Volatile Anesthetics Regulate Anti-Cancer Relevant Signaling. Frontiers in Oncology, 2021, 11, 610514.	1.3	7
2652	Local Anesthetics and Recurrence after Cancer Surgery-What‑s New? A Narrative Review. Journal of Clinical Medicine, 2021, 10, 719.	1.0	12
2653	Production and activity of matrix metalloproteinases during liver fibrosis progression of chronic hepatitis C patients. World Journal of Hepatology, 2021, 13, 218-232.	0.8	12
2654	Identification of Prognostic Stromal-Immune Score‑Based Genes in Hepatocellular Carcinoma Microenvironment. Frontiers in Genetics, 2021, 12, 625236.	1.1	5

#	ARTICLE	IF	CITATIONS
2655	Synthetic Biology: Emerging Concepts to Design and Advance Adeno-associated Viral Vectors for Gene Therapy. <i>Advanced Science</i> , 2021, 8, 2004018.	5.6	27
2656	Pathological environment directed in situ peptidic supramolecular assemblies for nanomedicines. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 022011.	1.7	6
2657	Advanced Approaches to Breast Cancer Classification and Diagnosis. <i>Frontiers in Pharmacology</i> , 2020, 11, 632079.	1.6	86
2658	Microrheology reveals simultaneous cell-mediated matrix stiffening and fluidization that underlie breast cancer invasion. <i>Science Advances</i> , 2021, 7, .	4.7	21
2659	Crosstalk between MMP-13, CD44, and TWIST1 and its role in regulation of EMT in patients with esophageal squamous cell carcinoma. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 2465-2478.	1.4	12
2660	Modular Combination of Proteolysis-Responsive Transcription and Spherical Nucleic Acids for Smartphone-Based Colorimetric Detection of Protease Biomarkers. <i>Analytical Chemistry</i> , 2021, 93, 3517-3525.	3.2	23
2661	ITPR3 facilitates tumor growth, metastasis and stemness by inducing the NF- κ B/CD44 pathway in urinary bladder carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 65.	3.5	20
2662	Modeling the Mechanobiology of Cancer Cell Migration Using 3D Biomimetic Hydrogels. <i>Gels</i> , 2021, 7, 17.	2.1	23
2663	Effects of Quercetin on the Efficacy of Various Chemotherapeutic Drugs in Cervical Cancer Cells. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 577-588.	2.0	44
2664	CC Chemokine Ligand 17 Promoted Cell Metastasis via Tumor Necrosis Factor- α /Nuclear Factor Kappa-B Signaling Pathway. <i>Journal of Biomaterials and Tissue Engineering</i> , 2021, 11, 302-307.	0.0	0
2665	Non-Proteasomal Urine Activity in Bladder Cancer. <i>Chemistry and Biodiversity</i> , 2021, 18, e2000981.	1.0	4
2666	AFF4 facilitates melanoma cell progression by regulating c-Jun activity. <i>Experimental Cell Research</i> , 2021, 399, 112445.	1.2	6
2667	Complexation with Random Methyl- β -Cyclodextrin and (2-Hydroxypropyl)- β -Cyclodextrin Enhances In Vivo Anti-Fibrotic and Anti-Inflammatory Effects of Chrysin via the Inhibition of NF- κ B and TGF- β 1/Smad Signaling Pathways and Modulation of Hepatic Pro/Anti-Fibrotic miRNA. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1869.	1.8	6
2668	Tissue inhibitor of metalloproteinase-1 (TIMP-1) as a prognostic biomarker in gastrointestinal cancer: a meta-analysis. <i>PeerJ</i> , 2021, 9, e10859.	0.9	4
2669	Advantages of targeting the tumor immune microenvironment over blocking immune checkpoint in cancer immunotherapy. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 72.	7.1	191
2670	The dark-side of the outside: how extracellular heat shock proteins promote cancer. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 4069-4083.	2.4	39
2671	The matrix in cancer. <i>Nature Reviews Cancer</i> , 2021, 21, 217-238.	12.8	441
2672	Profiling of multiple matrix metalloproteinases activities in the progression of osteosarcoma by peptide microarray-based fluorescence assay on polymer brush coated zinc oxide nanorod substrate. <i>Sensors and Actuators B: Chemical</i> , 2021, 330, 129361.	4.0	9

#	ARTICLE	IF	CITATIONS
2673	Proteases and Their Modulators in Cancer Therapy: Challenges and Opportunities. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 2851-2877.	2.9	22
2675	The Role of the Metzincin Superfamily in Prostate Cancer Progression: A Systematic-Like Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3608.	1.8	6
2677	Serum Levels of S100A11 and MMP-9 in Patients with Epithelial Ovarian Cancer and Their Clinical Significance. <i>BioMed Research International</i> , 2021, 2021, 1-5.	0.9	6
2678	Activation of the GPR35 pathway drives angiogenesis in the tumour microenvironment. <i>Gut</i> , 2022, 71, 509-520.	6.1	41
2680	The Tumor Proteolytic Landscape: A Challenging Frontier in Cancer Diagnosis and Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2514.	1.8	35
2681	Roles of matrix metalloproteinase-7 (MMP-7) in cancer. <i>Clinical Biochemistry</i> , 2021, 92, 9-18.	0.8	64
2682	Genetic association of MMP14 promoter variants and their functional significance in gallbladder cancer pathogenesis. <i>Journal of Human Genetics</i> , 2021, 66, 947-956.	1.1	4
2683	Targeting macrophages in cancer immunotherapy. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 127.	7.1	300
2684	Impact of TCM on Tumor-Infiltrating Myeloid Precursors in the Tumor Microenvironment. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 635122.	1.8	5
2685	Inhibition of tumor invasion and metastasis by targeting TGF- β 2-Smad-MMP2 pathway with Asiatic acid and Naringenin. <i>Molecular Therapy - Oncolytics</i> , 2021, 20, 277-289.	2.0	21
2686	Therapeutic effects of blocking β -catenin against hepatocellular carcinoma-induced activation of inflammation, fibrosis and tumor invasion. <i>Biomedicine and Pharmacotherapy</i> , 2021, 135, 111216.	2.5	12
2687	Elastic fibers during aging and disease. <i>Ageing Research Reviews</i> , 2021, 66, 101255.	5.0	57
2688	High expression of MMP28 indicates unfavorable prognosis in pancreatic cancer. <i>Medicine (United States)</i> , 2021, 100, 100404.	0.4	0
2689	MANTI: Automated Annotation of Protein N-Termini for Rapid Interpretation of N-Terminome Data Sets. <i>Analytical Chemistry</i> , 2021, 93, 5596-5605.	3.2	9
2690	Cell-Matrix Interactions in the Eye: From Cornea to Choroid. <i>Cells</i> , 2021, 10, 687.	1.8	39
2691	Intratumoral Canine Distemper Virus Infection Inhibits Tumor Growth by Modulation of the Tumor Microenvironment in a Murine Xenograft Model of Canine Histiocytic Sarcoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3578.	1.8	8
2692	Highway to Success—Developing Advanced Polymer Therapeutics. <i>Advanced Therapeutics</i> , 2021, 4, 2000285.	1.6	16
2693	Phase III Study to Evaluate Efficacy and Safety of Andecaliximab With mFOLFOX6 as First-Line Treatment in Patients With Advanced Gastric or GEJ Adenocarcinoma (GAMMA-1). <i>Journal of Clinical Oncology</i> , 2021, 39, 990-1000.	0.8	30

#	ARTICLE	IF	CITATIONS
2694	Î ² -Carotene Inhibits Expression of Matrix Metalloproteinase-10 and Invasion in Helicobacter pylori-Infected Gastric Epithelial Cells. <i>Molecules</i> , 2021, 26, 1567.	1.7	20
2696	MiR-874-3p plays a protective role in intervertebral disc degeneration by suppressing MMP2 and MMP3. <i>European Journal of Pharmacology</i> , 2021, 895, 173891.	1.7	11
2697	The Dynamic Interaction between Extracellular Matrix Remodeling and Breast Tumor Progression. <i>Cells</i> , 2021, 10, 1046.	1.8	16
2698	Constituents of <i>Aquilaria sinensis</i> Leaves Upregulate the Expression of Matrix Metalloproteases 2 and 9. <i>Molecules</i> , 2021, 26, 2537.	1.7	4
2699	Computational insights into the identification of a potent matrix metalloproteinase inhibitor from <i>Indigofera aspalathoides</i> to control cancer metastasis. <i>3 Biotech</i> , 2021, 11, 206.	1.1	3
2700	Proteomic approaches to assist in diagnosis and prognosis of oral cancer. <i>Expert Review of Proteomics</i> , 2021, 18, 261-284.	1.3	8
2701	Antiangiogenic and Proapoptotic Activities of Atorvastatin and <i>Ganoderma lucidum</i> in Tumor Mouse Model via VEGF and Caspase-3 Pathways. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 1095-1104.	0.5	7
2702	Mutant p53 in cell-cell interactions. <i>Genes and Development</i> , 2021, 35, 433-448.	2.7	26
2703	Transforming growth factor- β 1 and myeloid-derived suppressor cells: A cancerous partnership. <i>Developmental Dynamics</i> , 2022, 251, 85-104.	0.8	14
2704	Extracellular Matrix: Emerging Roles and Potential Therapeutic Targets for Breast Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 650453.	1.3	22
2706	Delay in primordial germ cell migration in adamts9 knockout zebrafish. <i>Scientific Reports</i> , 2021, 11, 8545.	1.6	6
2707	Next-generation cytokines for cancer immunotherapy. <i>Antibody Therapeutics</i> , 2021, 4, 123-133.	1.2	26
2708	Electrochemical Trans-Channel Assay for Efficient Evaluation of Tumor Cell Invasiveness. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 17268-17275.	4.0	7
2709	Matrix Metalloproteinase Inspired Therapeutic Strategies for Bone Diseases. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, 451-467.	0.9	9
2710	ROLE OF MYOFIBROBLASTS IN THE PRIMARY LESIONS AND LYMPH NODE METASTASIS OF ORAL SQUAMOUS CELL CARCINOMA. <i>Alexandria Dental Journal: ADJ</i> , 2021, .	0.1	0
2711	Emerging Trends in Immunomodulatory Nanomaterials Toward Cancer Therapy. <i>Synthesis Lectures on Biomedical Engineering</i> , 2021, 16, i-84.	0.1	0
2714	The 5,7,2,5-tetrahydroxy-8,6-dimethoxyflavone up-regulates miR 145 expression and inhibits proliferation of gastric cancer cells. <i>Archives of Medical Science</i> , 2021, 18, 753-760.	0.4	0
2715	Proteolysis and inflammation of the kidney glomerulus. <i>Cell and Tissue Research</i> , 2021, 385, 489-500.	1.5	4

#	ARTICLE	IF	CITATIONS
2716	Targeting the crosstalk between canonical Wnt/ β -catenin and inflammatory signaling cascades: A novel strategy for cancer prevention and therapy. , 2021, 227, 107876.		41
2717	Matrix metalloproteinase-sensitive poly(ethylene glycol)/peptide hydrogels as an interactive platform conducive to cell proliferation during 3D cell culture. Science China Technological Sciences, 2021, 64, 1285-1294.	2.0	11
2718	Harnessing the Physiological Functions of Cellular Prion Protein in the Kidneys: Applications for Treating Renal Diseases. Biomolecules, 2021, 11, 784.	1.8	4
2719	Recent progress on charge-reversal polymeric nanocarriers for cancer treatments. Biomedical Materials (Bristol), 2021, 16, 042010.	1.7	14
2720	Rab40â€Cullin5 complex regulates EPLIN and actin cytoskeleton dynamics during cell migration. Journal of Cell Biology, 2021, 220, .	2.3	12
2721	Hypoxia-inducible factor-dependent ADAM12 expression mediates breast cancer invasion and metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	38
2722	The Mechanism of Asparagine Endopeptidase in the Progression of Malignant Tumors: A Review. Cells, 2021, 10, 1153.	1.8	25
2723	MTA2 silencing attenuates the metastatic potential of cervical cancer cells by inhibiting AP1-mediated MMP12 expression via the ASK1/MEK3/p38/YB1 axis. Cell Death and Disease, 2021, 12, 451.	2.7	16
2724	Evaluation of MMP2, Caspase-3 and C-Kit Expression on Thyroid Papillary Cancer Prognosis. International Journal of Nature and Life Sciences:, 2021, 5, 23-32.	0.2	1
2725	Can serum matrix metalloproteinaseâ€9 and SMADâ€2 levels predict lamina propria invasion in bladder urothelial carcinoma?. International Journal of Clinical Practice, 2021, 75, e14277.	0.8	0
2726	New Insights into the Therapeutic Applications of CRISPR/Cas9 Genome Editing in Breast Cancer. Genes, 2021, 12, 723.	1.0	12
2727	High MMP-11 expression associated with low CD8+ T cells decreases the survival rate in patients with breast cancer. PLoS ONE, 2021, 16, e0252052.	1.1	13
2728	<i>In Situ</i> Protease Secretion Visualization and Metastatic Lymph Nodes Imaging <i>via</i> a Cell Membrane-Anchored Upconversion Nanoprobe. Analytical Chemistry, 2021, 93, 7258-7265.	3.2	16
2729	Hepatoprotective effect of forsythiaside a against acetaminophen-induced liver injury in zebrafish: Coupling network pharmacology with biochemical pharmacology. Journal of Ethnopharmacology, 2021, 271, 113890.	2.0	19
2730	Diabetes-related intestinal region-specific thickening of ganglionic basement membrane and regionally decreased matrix metalloproteinase 9 expression in myenteric ganglia. World Journal of Diabetes, 2021, 12, 658-672.	1.3	3
2731	Importance of Altered Gene Expression of Metalloproteinases 2, 9, and 16 in Acute Myeloid Leukemia: Preliminary Study. Journal of Oncology, 2021, 2021, 1-8.	0.6	2
2732	A recombinant Newcastle disease virus expressing MMP8 promotes oncolytic efficacy. Chinese Chemical Letters, 2021, 32, 3962-3966.	4.8	12
2733	Anti-cancer effect of metformin on the metastasis and invasion of primary breast cancer cells through mediating NF- κ B activity. Acta Histochemica, 2021, 123, 151709.	0.9	24

#	ARTICLE	IF	CITATIONS
2734	The Complexity of the Tumor Microenvironment and Its Role in Acute Lymphoblastic Leukemia: Implications for Therapies. <i>Frontiers in Oncology</i> , 2021, 11, 673506.	1.3	9
2735	Cellular and Molecular Mechanisms of Pristimerin in Cancer Therapy: Recent Advances. <i>Frontiers in Oncology</i> , 2021, 11, 671548.	1.3	6
2736	Expansion of Rare Cancer Cells into Tumoroids for Therapeutic Regimen and Cancer Therapy. <i>Advanced Therapeutics</i> , 2021, 4, 2100017.	1.6	3
2737	Exploiting unique features of the gut-brain interface to combat gastrointestinal cancer. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	13
2738	CCA-1.1, a Novel Curcumin Analog, Exerts Cytotoxic anti-Migratory Activity toward TNBC and HER2-Enriched Breast Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 1827-1836.	0.5	9
2739	Combination of retinoids and narrow-band ultraviolet B inhibits matrix metalloproteinase 13 expression in HaCaT keratinocytes and a mouse model of psoriasis. <i>Scientific Reports</i> , 2021, 11, 13328.	1.6	4
2740	Emerging and multifaceted role of neutrophils in lung cancer. <i>Translational Lung Cancer Research</i> , 2021, 10, 2806-2818.	1.3	33
2741	The Impact of the Tumor Microenvironment on Macrophage Polarization in Cancer Metastatic Progression. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6560.	1.8	88
2742	Bio-based nanomaterials for cancer therapy. <i>Nano Today</i> , 2021, 38, 101134.	6.2	58
2743	Inhibition of MMP2-PEX by a novel ester of dihydroxy cinnamic and linoleic acid from the seagrass <i>Cymodocea serrulata</i> . <i>Scientific Reports</i> , 2021, 11, 11451.	1.6	2
2744	The LPA3 Receptor: Regulation and Activation of Signaling Pathways. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6704.	1.8	6
2745	High SPINK4 Expression Predicts Poor Outcomes among Rectal Cancer Patients Receiving CCRT. <i>Current Oncology</i> , 2021, 28, 2373-2384.	0.9	7
2746	Long non-coding RNA Lnc-408 promotes invasion and metastasis of breast cancer cell by regulating LIMK1. <i>Oncogene</i> , 2021, 40, 4198-4213.	2.6	18
2747	Upregulation of Rpn10 promotes tumor progression via activation of the NF- κ B pathway in clear cell renal cell carcinoma. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 988-996.	0.9	2
2748	Circ_PRKDC knockdown promotes skin wound healing by enhancing keratinocyte migration via miR-31/FBN1 axis. <i>Journal of Molecular Histology</i> , 2021, 52, 681-691.	1.0	10
2749	A Signaling View into the Inflammatory Tumor Microenvironment. <i>Immuno</i> , 2021, 1, 91-118.	0.6	4
2750	MMP1 drives tumor progression in large cell carcinoma of the lung through fibroblast senescence. <i>Cancer Letters</i> , 2021, 507, 1-12.	3.2	33
2751	Blockade of HIF-1 α and STAT3 by hyaluronate-conjugated TAT-chitosan-SPION nanoparticles loaded with siRNA molecules prevents tumor growth. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 34, 102373.	1.7	19

#	ARTICLE	IF	CITATIONS
2752	Overcoming chemoresistance by targeting reprogrammed metabolism: the Achilles' heel of pancreatic ductal adenocarcinoma. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 5505-5526.	2.4	20
2753	Angiogenesis-related non-coding RNAs and gastrointestinal cancer. <i>Molecular Therapy - Oncolytics</i> , 2021, 21, 220-241.	2.0	34
2754	Cancer-Associated Fibroblasts in Breast Cancer Treatment Response and Metastasis. <i>Cancers</i> , 2021, 13, 3146.	1.7	29
2755	Hyperbaric Oxygen Boosts PD-1 Antibody Delivery and T Cell Infiltration for Augmented Immune Responses Against Solid Tumors. <i>Advanced Science</i> , 2021, 8, e2100233.	5.6	42
2756	Long non-coding RNA SNHG3 promotes the development of non-small cell lung cancer via the miR-1343/3p/NFIX pathway. <i>International Journal of Molecular Medicine</i> , 2021, 48, .	1.8	12
2757	Abiotic Mimic of Matrix Metalloproteinase-9 Inhibitor against Advanced Metastatic Cancer. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 3190-3200.	2.6	10
2758	The Effect of Lidocaine and Bosutinib on 4T1 Murine Breast Cancer Cell Behaviour In Vitro. <i>Anticancer Research</i> , 2021, 41, 2835-2840.	0.5	1
2759	Innovations in Disease State Responsive Soft Materials for Targeting Extracellular Stimuli Associated with Cancer, Cardiovascular Disease, Diabetes, and Beyond. <i>Advanced Materials</i> , 2021, 33, e2007504.	11.1	23
2760	Testicular orphan receptor 4 (TR4) promotes papillary thyroid cancer invasion via activating circ-FNL1/miR-149-5p/MMP9 signaling. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 24, 755-767.	2.3	15
2761	Responsive optical probes for deep-tissue imaging: Photoacoustics and second near-infrared fluorescence. <i>Advanced Drug Delivery Reviews</i> , 2021, 173, 141-163.	6.6	49
2762	One-pot fabrication of dual-redox sensitive, stabilized supramolecular nanocontainers for potential programmable drug release using a multifunctional cyclodextrin unit. <i>Journal of Controlled Release</i> , 2021, 334, 290-302.	4.8	24
2763	Nrf2 Down-Regulation by Camptothecin Favors Inhibiting Invasion, Metastasis and Angiogenesis in Hepatocellular Carcinoma. <i>Frontiers in Oncology</i> , 2021, 11, 661157.	1.3	12
2764	Stratification of urothelial bladder carcinoma depending on immunohistochemical expression of GATA3 and CK5/6. <i>Journal of Immunoassay and Immunochemistry</i> , 2021, 42, 662-678.	0.5	7
2765	MMP-7 affects peritoneal ultrafiltration associated with elevated aquaporin-1 expression via MAPK/ERK pathway in peritoneal mesothelial cells. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 6887-6898.	1.6	5
2766	Exosomes of Mesenchymal Stem Cells as a Proper Vehicle for Transfecting miR-145 into the Breast Cancer Cell Line and Its Effect on Metastasis. <i>BioMed Research International</i> , 2021, 2021, 1-15.	0.9	32
2768	The reversal of chemotherapy-induced multidrug resistance by nanomedicine for cancer therapy. <i>Journal of Controlled Release</i> , 2021, 335, 1-20.	4.8	59
2769	In vitro and in vivo anti-metastatic effect of the alkaloid matrine from <i>Sophora flavescens</i> on hepatocellular carcinoma and its mechanisms. <i>Phytomedicine</i> , 2021, 87, 153580.	2.3	15
2770	Proline metabolism and redox; maintaining a balance in health and disease. <i>Amino Acids</i> , 2021, 53, 1779-1788.	1.2	36

#	ARTICLE	IF	CITATIONS
2771	Extracellular Matrix Remodeling in Chronic Liver Disease. <i>Current Tissue Microenvironment Reports</i> , 2021, 2, 41-52.	1.3	38
2772	Ratiometric Imaging of MMP-2 Activity Facilitates Tumor Detection Using Activatable Near-Infrared Fluorescent Semiconducting Polymer Nanoparticles. <i>Small</i> , 2021, 17, e2101924.	5.2	39
2773	Vasculogenic mimicry, a complex and devious process favoring tumorigenesis – Interest in making it a therapeutic target. , 2021, 223, 107805.		42
2774	Targeting the αv integrin/TGF- $\beta 2$ axis improves natural killer cell function against glioblastoma stem cells. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	117
2775	Phenolic molecules constructed nanomedicine for innovative cancer treatment. <i>Coordination Chemistry Reviews</i> , 2021, 439, 213912.	9.5	15
2776	The Origin of Stroma Influences the Biological Characteristics of Oral Squamous Cell Carcinoma. <i>Cancers</i> , 2021, 13, 3491.	1.7	6
2777	Matrix Metalloproteinases (MMPs) and Inhibitors of MMPs in the Avian Reproductive System: An Overview. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8056.	1.8	13
2778	Acute Exhaustive Exercise under Normoxic and Normobaric Hypoxic Conditions Differentially Regulates Angiogenic Biomarkers in Humans. <i>Medicina (Lithuania)</i> , 2021, 57, 727.	0.8	2
2779	Extracellular Matrix-Related Hubs Genes Have Adverse Effects on Gastric Adenocarcinoma Prognosis Based on Bioinformatics Analysis. <i>Genes</i> , 2021, 12, 1104.	1.0	7
2780	LAMC1 upregulation via TGF- $\beta 2$ induces inflammatory cancer-associated fibroblasts in esophageal squamous cell carcinoma via NF- κB -CXCL1-STAT3. <i>Molecular Oncology</i> , 2021, 15, 3125-3146.	2.1	26
2781	Extracellular vesicles: Critical players during cell migration. <i>Developmental Cell</i> , 2021, 56, 1861-1874.	3.1	62
2782	The pioneer transcription factors Foxa1 and Foxa2 regulate alternative RNA splicing during thymocyte positive selection. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	11
2783	Overexpression of Neutrophil MMP-9 and HIF-1 α May Contribute to the Finger-Like Projections Formation and Histo-Pathogenesis in Nasal Inverted Papilloma. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 2979-2991.	1.6	8
2784	Behind the Adaptive and Resistance Mechanisms of Cancer Stem Cells to TRAIL. <i>Pharmaceutics</i> , 2021, 13, 1062.	2.0	10
2785	Adipose-PAS interactions in the context of its localised bioengineering potential (Review). <i>Biomedical Reports</i> , 2021, 15, 70.	0.9	2
2786	Peptide-based supramolecular hydrogels for local drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2021, 174, 482-503.	6.6	89
2787	Inflammation, Extracellular Matrix Remodeling, and Proteostasis in Tumor Microenvironment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8102.	1.8	51
2789	Discovery of 8,9-seco-ent-Kaurane Diterpenoids as Potential Leads for the Treatment of Triple-Negative Breast Cancer. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 9926-9942.	2.9	9

#	ARTICLE	IF	CITATIONS
2790	Proteases Regulate Cancer Stem Cell Properties and Remodel Their Microenvironment. <i>Journal of Histochemistry and Cytochemistry</i> , 2021, 69, 775-794.	1.3	6
2791	Decoding leader cells in collective cancer invasion. <i>Nature Reviews Cancer</i> , 2021, 21, 592-604.	12.8	80
2792	Extracellular Matrices and Cancer-Associated Fibroblasts: Targets for Cancer Diagnosis and Therapy?. <i>Cancers</i> , 2021, 13, 3466.	1.7	55
2793	Tumor-associated macrophage-derived CCL5 promotes chemotherapy resistance and metastasis in prostatic cancer. <i>Cell Biology International</i> , 2021, 45, 2054-2062.	1.4	21
2794	E2F3 drives the epithelial-to-mesenchymal transition, cell invasion, and metastasis in breast cancer. <i>Experimental Biology and Medicine</i> , 2021, 246, 2057-2071.	1.1	12
2795	Emerging strategies in developing multifunctional nanomaterials for cancer nanotheranostics. <i>Advanced Drug Delivery Reviews</i> , 2021, 178, 113907.	6.6	46
2796	Tetrandrine Inhibits Epithelial-Mesenchymal Transition in IL-6-Induced HCT116 Human Colorectal Cancer Cells. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 4523-4536.	1.0	7
2797	Nanoliposomes co-encapsulating Ce6 and SB3CT against the proliferation and metastasis of melanoma with the integration of photodynamic therapy and NKG2D-related immunotherapy on A375 cells. <i>Nanotechnology</i> , 2021, 32, 455102.	1.3	5
2798	Small Extracellular Vesicles and Metastasis—Blame the Messenger. <i>Cancers</i> , 2021, 13, 4380.	1.7	11
2799	N6-Methyladenosine in Cancer Immunotherapy: An Undervalued Therapeutic Target. <i>Frontiers in Immunology</i> , 2021, 12, 697026.	2.2	14
2800	Causal contributors to tissue stiffness and clinical relevance in urology. <i>Communications Biology</i> , 2021, 4, 1011.	2.0	34
2801	Fenton Reaction Induced by Fe-Based Nanoparticles for Tumor Therapy. <i>Journal of Biomedical Nanotechnology</i> , 2021, 17, 1510-1524.	0.5	9
2803	Xanthomicrol suppresses human hepatocellular carcinoma cells migration and invasion ability via μ -opioid receptor. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 139-146.	1.2	3
2804	Hydroxyethyl chitosan hydrogels for enhancing breast cancer cell tumorigenesis. <i>International Journal of Biological Macromolecules</i> , 2021, 184, 768-775.	3.6	8
2805	Cysteine-Rich Intestinal Protein 1 Served as an Epithelial Ovarian Cancer Marker via Promoting Wnt/ β -Catenin-Mediated EMT and Tumour Metastasis. <i>Disease Markers</i> , 2021, 2021, 1-12.	0.6	11
2806	High Matrix Metalloproteinase 28 Expression is Associated with Poor Prognosis in Pancreatic Adenocarcinoma. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 4391-4406.	1.0	4
2807	Matrix Metalloproteinases as Biomarkers and Treatment Targets in Mesothelioma: A Systematic Review. <i>Biomolecules</i> , 2021, 11, 1272.	1.8	3
2809	Intelligent self-assembly prodrug micelles loading doxorubicin in response to tumor microenvironment for targeted tumors therapy. <i>Chinese Journal of Chemical Engineering</i> , 2021, 39, 219-227.	1.7	3

#	ARTICLE	IF	CITATIONS
2810	Potential Strategies to Improve the Effectiveness of Drug Therapy by Changing Factors Related to Tumor Microenvironment. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 705280.	1.8	4
2811	Metalloproteinases 1 and 3 as Potential Biomarkers in Breast Cancer Development. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9012.	1.8	17
2812	Current Insights and Advancements in Head and Neck Cancer: Emerging Biomarkers and Therapeutics with Cues from Single Cell and 3D Model Omics Profiling. <i>Frontiers in Oncology</i> , 2021, 11, 676948.	1.3	5
2813	NLRP3 Deficiency in Hepatocellular Carcinoma Enhances Surveillance of NK-92 through a Modulation of MICA/B. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9285.	1.8	24
2814	TME-Responsive Multistage Nanoplatfom for siRNA Delivery and Effective Cancer Therapy. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 5909-5921.	3.3	17
2815	B7 homologue 3 as a prognostic biomarker and potential therapeutic target in gastrointestinal tumors. <i>World Journal of Gastrointestinal Oncology</i> , 2021, 13, 799-821.	0.8	5
2816	Potential Roles of Iridoid Glycosides and Their Underlying Mechanisms against Diverse Cancer Growth and Metastasis: Do They Have an Inhibitory Effect on Cancer Progression?. <i>Nutrients</i> , 2021, 13, 2974.	1.7	25
2817	Silver Nanoparticles Modulate the Epithelial-to-Mesenchymal Transition in Estrogen-Dependent Breast Cancer Cells In Vitro. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9203.	1.8	12
2818	Doxycycline host-directed therapy in human pulmonary tuberculosis. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	27
2819	Chloride intracellular channel protein 2 is secreted and inhibits MMP14 activity, while preventing tumor cell invasion and metastasis. <i>Neoplasia</i> , 2021, 23, 754-765.	2.3	12
2820	Rhipicephalus microplus: An overview of vaccine antigens against the cattle tick. <i>Ticks and Tick-borne Diseases</i> , 2022, 13, 101828.	1.1	23
2821	(Carboxymethyl-stevioside)-coated magnetic dots for enhanced magnetic hyperthermia and improved glioblastoma treatment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 205, 111870.	2.5	16
2822	Multifunctional self-delivery micelles targeting the invasion-metastasis cascade for enhanced chemotherapy against melanoma and the lung metastasis. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021, 16, 794-805.	4.3	6
2823	Nanoparticles targeting tumor-associated macrophages: A novel anti-tumor therapy. <i>Nano Research</i> , 2022, 15, 2177-2195.	5.8	6
2824	YAP1/MMP7/CXCL16 axis affects efficacy of neoadjuvant chemotherapy via tumor environment immunosuppression in triple-negative breast cancer. <i>Gland Surgery</i> , 2021, 10, 2799-2814.	0.5	3
2825	Halting Tumor Progression via Novel Non-Hydroxamate Triazole-Based Mannich Bases MMP-2/9 Inhibitors; Design, Microwave-Assisted Synthesis, and Biological Evaluation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10324.	1.8	16
2826	Blockade of CD73 using siRNA loaded chitosan lactate nanoparticles functionalized with TAT-hyaluronate enhances doxorubicin mediated cytotoxicity in cancer cells both in vitro and in vivo. <i>International Journal of Biological Macromolecules</i> , 2021, 186, 849-863.	3.6	23
2827	Cannabidiol Effectively Promoted Cell Death in Bladder Cancer and the Improved Intravesical Adhesion Drugs Delivery Strategy Could Be Better Used for Treatment. <i>Pharmaceutics</i> , 2021, 13, 1415.	2.0	10

#	ARTICLE	IF	CITATIONS
2828	Combined Influence of Nutrient Supply Level and Tissue Mechanical Properties on Benign Tumor Growth as Revealed by Mathematical Modeling. <i>Mathematics</i> , 2021, 9, 2213.	1.1	5
2829	Mutant collagen COL11A1 enhances cancerous invasion. <i>Oncogene</i> , 2021, 40, 6299-6307.	2.6	20
2830	Engineered <i>Triazine</i> -Based Dendrimer-Honokiol Conjugates as Targeted MMP-2/9 Inhibitors for Halting Hepatocellular Carcinoma. <i>ChemMedChem</i> , 2021, 16, 3701-3719.	1.6	5
2831	Wogonoside inhibits TNF receptor-associated factor 6 (TRAF6) mediated-tumor microenvironment and prognosis of pancreatic cancer. <i>Annals of Translational Medicine</i> , 2021, 9, 1460-1460.	0.7	5
2832	Peptide Nucleic Acid (PNA)-Guided Peptide Engineering of an Aptamer Sensor for Protease-Triggered Molecular Imaging. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22659-22663.	7.2	44
2833	Peptide Nucleic Acid (PNA)-Guided Peptide Engineering of an Aptamer Sensor for Protease-Triggered Molecular Imaging. <i>Angewandte Chemie</i> , 2021, 133, 22841.	1.6	7
2835	3D Cancer Models: Depicting Cellular Crosstalk within the Tumour Microenvironment. <i>Cancers</i> , 2021, 13, 4610.	1.7	27
2836	Dichloromethane increases mutagenic DNA damage and transformation ability in cholangiocytes and enhances metastatic potential in cholangiocarcinoma cell lines. <i>Chemico-Biological Interactions</i> , 2021, 346, 109580.	1.7	4
2837	Quantitative Detection of Cathepsin B Activity in Neutral pH Buffers Using Gold Microelectrode Arrays: Toward Direct Multiplex Analyses of Extracellular Proteases in Human Serum. <i>ACS Sensors</i> , 2021, 6, 3621-3631.	4.0	5
2838	Delivery of Various Cargos into Cancer Cells and Tissues via Cell-Penetrating Peptides: A Review of the Last Decade. <i>Pharmaceutics</i> , 2021, 13, 1391.	2.0	25
2839	Endometriosis stem cell sources and potential therapeutic targets: literature review and bioinformatics analysis. <i>Regenerative Medicine</i> , 2021, 16, 949-962.	0.8	2
2840	Selected Biomarkers of Tick-Borne Encephalitis: A Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10615.	1.8	8
2841	A review of nanoparticle drug delivery systems responsive to endogenous breast cancer microenvironment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 166, 30-43.	2.0	26
2842	Zinc(II) niflumato complex effects on MMP activity and gene expression in human endometrial cell lines. <i>Scientific Reports</i> , 2021, 11, 19086.	1.6	1
2843	Chemotherapy-Induced Changes in the Lung Microenvironment: The Role of MMP-2 in Facilitating Intravascular Arrest of Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10280.	1.8	7
2844	Telmisartan Facilitates the Anticancer Effects of CARP-1 Functional Mimetic and Sorafenib in Rociletinib Resistant Non-small Cell Lung Cancer. <i>Anticancer Research</i> , 2021, 41, 4215-4228.	0.5	7
2845	Synthetic biomarkers: a twenty-first century path to early cancer detection. <i>Nature Reviews Cancer</i> , 2021, 21, 655-668.	12.8	84
2846	Cellular senescence promotes cancer metastasis by enhancing soluble E-cadherin production. <i>IScience</i> , 2021, 24, 103022.	1.9	16

#	ARTICLE	IF	CITATIONS
2847	Harmine Augments the Cytotoxic and Anti-invasive Potential of Temozolomide Against Glioblastoma Multiforme Cells. <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , 2021, 17, .	0.3	0
2848	Remodeling the Tumor Myeloid Landscape to Enhance Antitumor Antibody Immunotherapies. <i>Cancers</i> , 2021, 13, 4904.	1.7	8
2849	The paradoxical role of matrix metalloproteinase-11 in cancer. <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111899.	2.5	20
2850	Stationed or Relocating: The Seesawing EMT/MET Determinants from Embryonic Development to Cancer Metastasis. <i>Biomedicines</i> , 2021, 9, 1265.	1.4	10
2851	Modular Design of Supramolecular Ionic Peptides with Cell-Selective Membrane Activity. <i>ChemBioChem</i> , 2021, 22, 3164-3168.	1.3	1
2852	Generation of ductal organoids from normal mammary luminal cells reveals invasive potential. <i>Journal of Pathology</i> , 2021, 255, 451-463.	2.1	2
2853	The tumor microenvironment as driver of stemness and therapeutic resistance in breast cancer: New challenges and therapeutic opportunities. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 1209-1229.	2.1	71
2854	Role of Complement in Regulating Inflammation Processes in Renal and Prostate Cancers. <i>Cells</i> , 2021, 10, 2426.	1.8	13
2855	Amplified and label-free electrochemical detection of a protease biomarker by integrating proteolysis-triggered transcription. <i>Biosensors and Bioelectronics</i> , 2021, 190, 113372.	5.3	6
2856	Intravital imaging technology guides FAK-mediated priming in pancreatic cancer precision medicine according to Merlin status. <i>Science Advances</i> , 2021, 7, eabh0363.	4.7	23
2857	In situ peptide self-assembly on ionic nanochannel for dynamic monitoring of MMPs in extracellular matrix. <i>Biosensors and Bioelectronics</i> , 2022, 195, 113671.	5.3	17
2858	The role of PET in imaging of the tumour microenvironment and response to immunotherapy. <i>Clinical Radiology</i> , 2021, 76, 784.e1-784.e15.	0.5	4
2859	The functional cross talk between cancer cells and cancer associated fibroblasts from a cancer mechanics perspective. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119103.	1.9	17
2860	Structure-Activity Relationships of UTX-121 Derivatives for the Development of Novel Matrix Metalloproteinase-2/9 Inhibitors. <i>Chemical and Pharmaceutical Bulletin</i> , 2021, 69, 1017-1028.	0.6	2
2861	Senescent cells in cancer therapy: why and how to remove them. <i>Cancer Letters</i> , 2021, 520, 68-79.	3.2	18
2862	Inhibition of RAC1 activity in cancer associated fibroblasts favours breast tumour development through IL-1 β upregulation. <i>Cancer Letters</i> , 2021, 521, 14-28.	3.2	5
2863	The transformation of cancer-associated fibroblasts: Current perspectives on the role of TGF- β 2 in CAF mediated tumor progression and therapeutic resistance. <i>Cancer Letters</i> , 2021, 520, 222-232.	3.2	35
2864	Targeting matrix metalloproteinase MMP3 greatly enhances oncolytic virus mediated tumor therapy. <i>Translational Oncology</i> , 2021, 14, 101221.	1.7	16

#	ARTICLE	IF	CITATIONS
2865	The human fungal pathogen <i>Malassezia</i> and its role in cancer. <i>Fungal Biology Reviews</i> , 2021, 38, 9-24.	1.9	3
2866	Delivery of therapeutic oligonucleotides in nanoscale. <i>Bioactive Materials</i> , 2022, 7, 292-323.	8.6	29
2867	Immunomodulatory roles of myeloid cells in gliomas. , 2022, , 109-125.		0
2868	PFOI stimulates the motility of T24 bladder cancer cells: Possible involvement and activation of lncRNA malat1. <i>Chemosphere</i> , 2022, 287, 131967.	4.2	1
2869	Stromal modulation strategies to improve immunotherapy response in cancer. , 2022, , 241-291.		0
2870	Role of periodontal pathogens in carcinogenesis of squamous-cell carcinoma of the oral mucosa. <i>Opuholi Golovy I Sei</i> , 2021, 10, 74-85.	0.1	2
2871	TIMELESS inhibits breast cancer cell invasion and metastasis by down-regulating the expression of MMP9. <i>Cancer Cell International</i> , 2021, 21, 38.	1.8	7
2872	Boosting anti-PD-1 therapy with metformin-loaded macrophage-derived microparticles. <i>Nature Communications</i> , 2021, 12, 440.	5.8	175
2873	Inhibition of bacterial and human zinc-metalloproteases by bisphosphonate- and catechol-containing compounds. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 819-830.	2.5	7
2874	Cellular Indoctrination: How the Tumor Microenvironment Reeducates Macrophages Towards Nefarious Ends. , 2021, , .		0
2875	Current and Prospective of Breast Cancer Biomarkers. , 0, , .		3
2876	Tumor Microenvironment and Intracellular Signal-Activated Nanocomposites for Anticancer Drug Delivery. <i>Materials Horizons</i> , 2021, , 167-200.	0.3	1
2877	Expression profiles, biological functions and clinical significance of circRNAs in bladder cancer. <i>Molecular Cancer</i> , 2021, 20, 4.	7.9	102
2878	An <i>in vitro</i> vascularized micro-tumor model of human colorectal cancer recapitulates <i>in vivo</i> responses to standard-of-care therapy. <i>Lab on A Chip</i> , 2021, 21, 1333-1351.	3.1	58
2879	Exosomal LINC00161 promotes angiogenesis and metastasis via regulating miR-590-3p/ROCK axis in hepatocellular carcinoma. <i>Cancer Gene Therapy</i> , 2021, 28, 719-736.	2.2	33
2880	Bioresponsive nanomedicines based on dynamic covalent bonds. <i>Nanoscale</i> , 2021, 13, 11712-11733.	2.8	8
2881	Intratumoral injection of caerin 1.1 and 1.9 peptides increases the efficacy of vaccinated TC-1 tumor-bearing mice with PD-1 blockade by modulating macrophage heterogeneity and the activation of CD8 ⁺ T cells in the tumor microenvironment. <i>Clinical and Translational Immunology</i> , 2021, 10, e1335.	1.7	12
2882	Identification of an Immune Gene Signature Based on Tumor Microenvironment Characteristics in Colon Adenocarcinoma. <i>Cell Transplantation</i> , 2021, 30, 096368972110013.	1.2	10

#	ARTICLE	IF	CITATIONS
2883	Neutrophil-derived granule cargoes: paving the way for tumor growth and progression. <i>Cancer and Metastasis Reviews</i> , 2021, 40, 221-244.	2.7	31
2884	An Overview of Advances in Cell-Based Cancer Immunotherapies Based on the Multiple Immune-Cancer Cell Interactions. <i>Methods in Molecular Biology</i> , 2020, 2097, 139-171.	0.4	2
2885	Role of Reactive Stroma in Prostate Cancer. , 2013, , 43-63.		1
2886	The Role of Non-cancerous Cells in Cancer: Pancreatic Ductal Adenocarcinoma as a Model to Understand the Impact of Tumor Microenvironment on Epithelial Carcinogenesis. , 2013, , 309-333.		1
2887	Enzyme-Responsive Nanoparticles for the Treatment of Disease. <i>Methods in Molecular Biology</i> , 2017, 1570, 223-238.	0.4	2
2888	Examination of Gelatinase Isoforms in Rodent Models of Acute Neurodegenerative Diseases Using Two-Dimensional Zymography. <i>Methods in Molecular Biology</i> , 2017, 1626, 147-155.	0.4	2
2889	Remodelling of the Extracellular Matrix: Implications for Cancer. , 2013, , 65-90.		2
2890	Inflammatory Microenvironment Modulation of Alternative Splicing in Cancer: A Way to Adapt. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1219, 243-258.	0.8	11
2891	Forty Years of Basic and Translational Heparanase Research. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1221, 3-59.	0.8	48
2892	Heparanase in Acute Pancreatitis. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1221, 703-719.	0.8	3
2893	Gastric Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1226, 23-35.	0.8	51
2894	Dynamic Culture Systems and 3D Interfaces Models for Cancer Drugs Testing. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1230, 137-159.	0.8	4
2895	Delivery of Natural Products Using Polymeric Particles for Cancer Chemotherapeutics. <i>Sustainable Agriculture Reviews</i> , 2020, , 67-112.	0.6	1
2896	Toluquinol, A Marine Fungus Metabolite, Inhibits Some of the Hallmarks of Cancer. , 2015, , 269-299.		1
2897	The Emerging Role of Exosomes in Cancer Progression and Their Potential as Therapy Targets. , 2018, , 27-45.		1
2899	Proteases in Cancer: Significance for Invasion and Metastasis. , 2013, , 491-550.		10
2900	Role of the IGF-Axis in Liver Metastasis: Experimental and Clinical Evidence. <i>Cancer Metastasis - Biology and Treatment</i> , 2011, , 233-271.	0.1	2
2901	Multifaceted Role of Matrix Metalloproteases on Human Diseases. , 2017, , 21-40.		1

#	ARTICLE	IF	CITATIONS
2902	Matrix Metalloproteinases (MMPs) in Cancer Initiation and Progression. , 2017, , 207-236.		1
2903	The Role of Urinary Proteases in Bladder Cancer. , 2017, , 89-118.		1
2904	Toll-Like Receptor 4 and Matrix Metalloproteases 11 and 13 as Predictors of Tumor Recurrence and Survival in Stage II Colorectal Cancer. Pathology and Oncology Research, 2019, 25, 1589-1597.	0.9	8
2905	The microenvironment and cytoskeletal remodeling in tumor cell invasion. International Review of Cell and Molecular Biology, 2020, 356, 257-289.	1.6	6
2906	Actin remodeling and vesicular trafficking at the tumor cell side of the immunological synapse direct evasion from cytotoxic lymphocytes. International Review of Cell and Molecular Biology, 2020, 356, 99-130.	1.6	9
2907	The roles of tumor-associated macrophages in tumor angiogenesis and metastasis. Cellular Immunology, 2020, 353, 104119.	1.4	201
2908	Systems pharmacology unravels the synergic target space and therapeutic potential of <i>Rhodiola rosea</i> L. for non-small cell lung cancer. Phytomedicine, 2020, 79, 153326.	2.3	11
2910	<i>In Situ</i> Formation of Nanotheranostics to Overcome the Blood–Brain Barrier and Enhance Treatment of Orthotopic Glioma. ACS Applied Materials & Interfaces, 2020, 12, 26880-26892.	4.0	39
2911	Peptide Probes with Aromatic Residues Tyr and Phe at the X Position Show High Specificity for Targeting Denatured Collagen in Tissues. ACS Omega, 2020, 5, 33075-33082.	1.6	6
2912	Macrophages as regulators of tumour immunity and immunotherapy. Nature Reviews Immunology, 2019, 19, 369-382.	10.6	1,365
2913	In vivo optical imaging of MMP2 immuno protein antibody: tumor uptake is associated with MMP2 activity. Scientific Reports, 2016, 6, 22198.	1.6	8
2914	Transformed MDCK cells secrete elevated MMP1 that generates LAMA5 fragments promoting endothelial cell angiogenesis. Scientific Reports, 2016, 6, 28321.	1.6	26
2915	Fundamentals of Stimuli-responsive Drug and Gene Delivery Systems. Biomaterials Science Series, 2018, , 1-32.	0.1	11
2916	CHAPTER 4. Designing Enzyme-responsive Biomaterials. RSC Soft Matter, 2020, , 76-125.	0.2	2
2917	Molecular and nanoengineering approaches towards activatable cancer immunotherapy. Chemical Society Reviews, 2020, 49, 4234-4253.	18.7	228
2918	Optical and magnetic resonance imaging approaches for investigating the tumour microenvironment: state-of-the-art review and future trends. Nanotechnology, 2021, 32, 062001.	1.3	10
2929	Rationale for targeting the Wnt signalling modulator Dickkopf-1 for oncology. British Journal of Pharmacology, 2017, 174, 4637-4650.	2.7	100
2930	Plastin 1 drives metastasis of colorectal cancer through the IQGAP1/Rac1/ERK pathway. Cancer Science, 2020, 111, 2861-2871.	1.7	20

#	ARTICLE	IF	CITATIONS
2931	Macrophage targeting in cancer. <i>Annals of the New York Academy of Sciences</i> , 2021, 1499, 18-41.	1.8	134
2932	IFN regulatory factor-8 expression in macrophages governs an antimetastatic program. <i>JCI Insight</i> , 2019, 4, .	2.3	30
2933	Fibulin-1 regulates the pathogenesis of tissue remodeling in respiratory diseases. <i>JCI Insight</i> , 2016, 1, .	2.3	100
2934	Adipocyte and lipid metabolism in cancer drug resistance. <i>Journal of Clinical Investigation</i> , 2019, 129, 3006-3017.	3.9	262
2935	Relief of tumor hypoxia unleashes the tumoricidal potential of neutrophils. <i>Journal of Clinical Investigation</i> , 2019, 130, 389-403.	3.9	70
2936	Heparan sulfate sulfatase SULF2 regulates PDGFR β signaling and growth in human and mouse malignant glioma. <i>Journal of Clinical Investigation</i> , 2012, 122, 911-922.	3.9	87
2937	Transcription factor ATF3 links host adaptive response to breast cancer metastasis. <i>Journal of Clinical Investigation</i> , 2013, 123, 2893-2906.	3.9	109
2938	HGF-MET signals via the MLL-ETS2 complex in hepatocellular carcinoma. <i>Journal of Clinical Investigation</i> , 2013, 123, 3154-3165.	3.9	54
2939	RASAL2 activates RAC1 to promote triple-negative breast cancer progression. <i>Journal of Clinical Investigation</i> , 2014, 124, 5291-5304.	3.9	72
2940	A proangiogenic signaling axis in myeloid cells promotes malignant progression of glioma. <i>Journal of Clinical Investigation</i> , 2017, 127, 1826-1838.	3.9	34
2941	Aspirin potentiates celecoxib-induced growth inhibition and apoptosis in human non-small cell lung cancer by targeting GRP78 activity. <i>Therapeutic Advances in Medical Oncology</i> , 2020, 12, 175883592094797.	1.4	13
2942	MMP9 inhibition increases erythropoiesis in RPS14-deficient del(5q) MDS models through suppression of TGF- β pathways. <i>Blood Advances</i> , 2019, 3, 2751-2763.	2.5	15
2943	A proteomic study of potential VEGF-C-associated proteins in bladder cancer T24 cells. <i>Medical Science Monitor</i> , 2012, 18, BR441-BR449.	0.5	9
2944	Bioinformatics Analysis of Prognostic Tumor Microenvironment-Related Genes in the Tumor Microenvironment of Hepatocellular Carcinoma. <i>Medical Science Monitor</i> , 2020, 26, e922159.	0.5	7
2945	Deconvolution of heterogeneous tumor samples using partial reference signals. <i>PLoS Computational Biology</i> , 2020, 16, e1008452.	1.5	7
2946	Curcumin Alleviates Matrix Metalloproteinase-3 and -9 Activities during Eradication of <i>Helicobacter pylori</i> Infection in Cultured Cells and Mice. <i>PLoS ONE</i> , 2011, 6, e16306.	1.1	69
2947	Diffusion of MMPs on the Surface of Collagen Fibrils: The Mobile Cell Surface α Collagen Substratum Interface. <i>PLoS ONE</i> , 2011, 6, e24029.	1.1	69
2948	Implication of RNA-Binding Protein La in Proliferation, Migration and Invasion of Lymph Node-Metastasized Hypopharyngeal SCC Cells. <i>PLoS ONE</i> , 2011, 6, e25402.	1.1	43

#	ARTICLE	IF	CITATIONS
2949	Effects of Ischemia on Lung Macrophages. PLoS ONE, 2011, 6, e26716.	1.1	11
2950	Recombinant Human Endostatin Normalizes Tumor Vasculature and Enhances Radiation Response in Xenografted Human Nasopharyngeal Carcinoma Models. PLoS ONE, 2012, 7, e34646.	1.1	53
2951	Role of c-Jun N-Terminal Protein Kinase 1/2 (JNK1/2) in Macrophage-Mediated MMP-9 Production in Response to Moraxella catarrhalis Lipooligosaccharide (LOS). PLoS ONE, 2012, 7, e37912.	1.1	10
2952	Transcriptome Profiling of the Cancer, Adjacent Non-Tumor and Distant Normal Tissues from a Colorectal Cancer Patient by Deep Sequencing. PLoS ONE, 2012, 7, e41001.	1.1	68
2953	A Novel MMP-2 Inhibitor 3-azidowithaferin A (3-azidoWA) Abrogates Cancer Cell Invasion and Angiogenesis by Modulating Extracellular Par-4. PLoS ONE, 2012, 7, e44039.	1.1	91
2954	Cerebrospinal Fluid Matrix Metalloproteinases Are Elevated in Cerebral Adrenoleukodystrophy and Correlate with MRI Severity and Neurologic Dysfunction. PLoS ONE, 2012, 7, e50430.	1.1	28
2955	Planarians as a Model to Assess In Vivo the Role of Matrix Metalloproteinase Genes during Homeostasis and Regeneration. PLoS ONE, 2013, 8, e55649.	1.1	38
2956	Epstein-Barr Virus Zta Upregulates Matrix Metalloproteinases 3 and 9 That Synergistically Promote Cell Invasion In Vitro. PLoS ONE, 2013, 8, e56121.	1.1	29
2957	Sesquiterpene Lactones Downregulate G2/M Cell Cycle Regulator Proteins and Affect the Invasive Potential of Human Soft Tissue Sarcoma Cells. PLoS ONE, 2013, 8, e66300.	1.1	21
2958	Celastrol Inhibits Lipopolysaccharide-Stimulated Rheumatoid Fibroblast-Like Synoviocyte Invasion through Suppression of TLR4/NF- κ B-Mediated Matrix Metalloproteinase-9 Expression. PLoS ONE, 2013, 8, e68905.	1.1	87
2959	Impact of Flavonoids on Matrix Metalloproteinase Secretion and Invadopodia Formation in Highly Invasive A431-III Cancer Cells. PLoS ONE, 2013, 8, e71903.	1.1	29
2960	A Key Role of microRNA-29b for the Suppression of Colon Cancer Cell Migration by American Ginseng. PLoS ONE, 2013, 8, e75034.	1.1	46
2961	Selective Inhibition of Matrix Metalloproteinase-9 Attenuates Secondary Damage Resulting from Severe Traumatic Brain Injury. PLoS ONE, 2013, 8, e76904.	1.1	95
2962	Expression of SATB1 Promotes the Growth and Metastasis of Colorectal Cancer. PLoS ONE, 2014, 9, e100413.	1.1	43
2963	Activating Transcription Factor 4 Promotes Esophageal Squamous Cell Carcinoma Invasion and Metastasis in Mice and Is Associated with Poor Prognosis in Human Patients. PLoS ONE, 2014, 9, e103882.	1.1	41
2964	Membrane Type 1 α -Matrix Metalloproteinase/Akt Signaling Axis Modulates TNF- α -Induced Procoagulant Activity and Apoptosis in Endothelial Cells. PLoS ONE, 2014, 9, e105697.	1.1	11
2965	miR-34a Inhibits Migration and Invasion of Tongue Squamous Cell Carcinoma via Targeting MMP9 and MMP14. PLoS ONE, 2014, 9, e108435.	1.1	50
2966	Cellular Intrinsic Mechanism Affecting the Outcome of AML Treated with Ara-C in a Syngeneic Mouse Model. PLoS ONE, 2014, 9, e109198.	1.1	3

#	ARTICLE	IF	CITATIONS
2967	Fad104, a Positive Regulator of Adipocyte Differentiation, Suppresses Invasion and Metastasis of Melanoma Cells by Inhibition of STAT3 Activity. <i>PLoS ONE</i> , 2015, 10, e0117197.	1.1	20
2968	Therapy with Plasma Purified Alpha1-Antitrypsin (Prolastin [®]) Induces Time-Dependent Changes in Plasma Levels of MMP-9 and MPO. <i>PLoS ONE</i> , 2015, 10, e0117497.	1.1	15
2969	Inhibition of Ovarian Epithelial Carcinoma Tumorigenesis and Progression by microRNA 106b Mediated through the RhoC Pathway. <i>PLoS ONE</i> , 2015, 10, e0125714.	1.1	30
2970	2-Deoxyglucose Reverses the Promoting Effect of Insulin on Colorectal Cancer Cells In Vitro. <i>PLoS ONE</i> , 2016, 11, e0151115.	1.1	27
2971	Transition into inflammatory cancer-associated adipocytes in breast cancer microenvironment requires microRNA regulatory mechanism. <i>PLoS ONE</i> , 2017, 12, e0174126.	1.1	47
2972	Mesenchymal stem cells promote metastasis through activation of an ABL-MMP9 signaling axis in lung cancer cells. <i>PLoS ONE</i> , 2020, 15, e0241423.	1.1	22
2973	MAGE-A3 is a prognostic biomarker for poor clinical outcome in cutaneous squamous cell carcinoma with perineural invasion via modulation of cell proliferation. <i>PLoS ONE</i> , 2020, 15, e0241551.	1.1	6
2974	KSHV-Mediated Regulation of Par3 and SNAIL Contributes to B-Cell Proliferation. <i>PLoS Pathogens</i> , 2016, 12, e1005801.	2.1	26
2975	Hepatic Antifibrotic Pharmacotherapy: Are We Approaching Success?. <i>Journal of Clinical and Translational Hepatology</i> , 2020, 8, 222-229.	0.7	25
2976	Thyroid tumor cells-fibroblasts crosstalk: role of extracellular vesicles. <i>Endocrine Connections</i> , 2020, 9, 506-518.	0.8	9
2977	The potential role of miRNAs and exosomes in chemotherapy in ovarian cancer. <i>Endocrine-Related Cancer</i> , 2018, 25, R663-R685.	1.6	57
2978	Role of the tumor microenvironment in digestive neuroendocrine tumors. <i>Endocrine-Related Cancer</i> , 2018, 25, R519-R544.	1.6	13
2979	Î²-carotene Regulates the Murine Liver Microenvironment of a Metastatic Neuroblastoma. <i>Journal of Cancer Prevention</i> , 2013, 18, 337-345.	0.8	5
2980	La importancia del sistema activador de plasminógeno en la patogénesis y progresión del cáncer gástrico. <i>Revista De Biología Tropical</i> , 2017, 66, 28.	0.1	1
2981	Cell Fusion In Tumor Development: Accelerated Genetic Evolution. <i>Critical Reviews in Oncogenesis</i> , 2013, 18, 19-42.	0.2	16
2983	Tumor-associated macrophages, multi-tasking cells in the cancer landscape. <i>Cancer Research Frontiers</i> , 2015, 1, 149-161.	0.2	7
2985	miR-181 suppresses metastasis via MMP-14. <i>Aging</i> , 2015, 7, 740-741.	1.4	6
2986	Highly expressed STAT1 contributes to the suppression of stemness properties in human paclitaxel-resistant ovarian cancer cells. <i>Aging</i> , 2020, 12, 11042-11060.	1.4	9

#	ARTICLE	IF	CITATIONS
2987	miR-5089-5p suppresses castration-resistant prostate cancer resistance to enzalutamide and metastasis via miR-5089-5p/SPINK1/ MAPK/MMP9 signaling. <i>Aging</i> , 2020, 12, 14418-14433.	1.4	3
2988	Tumor cell expression of MMP3 as a prognostic factor for poor survival in pancreatic, pulmonary, and mammary carcinoma. <i>Genes and Cancer</i> , 2015, 6, 480-489.	0.6	79
2989	Bone morphogenetic protein 4 (BMP-4) and epidermal growth factor (EGF) inhibit metalloproteinase-9 (MMP-9) expression in cancer cells.. <i>Oncoscience</i> , 2015, 2, 309-316.	0.9	16
2990	Cracking the riddle of dedifferentiated liposarcoma: is EV-MDM2 a key?. <i>Oncoscience</i> , 2020, 7, 10-13.	0.9	2
2991	Zingerone suppresses angiogenesis via inhibition of matrix metalloproteinases during tumor development. <i>Oncotarget</i> , 2016, 7, 47232-47241.	0.8	28
2992	Membrane lipids in invadopodia and podosomes: key structures for cancer invasion and metastasis. <i>Oncotarget</i> , 2010, 1, 320-8.	0.8	40
2993	SFMBT2 (Scm-like with four mbt domains 2) negatively regulates cell migration and invasion in prostate cancer cells. <i>Oncotarget</i> , 2016, 7, 48250-48264.	0.8	13
2994	Class A1 scavenger receptor modulates glioma progression by regulating M2-like tumor-associated macrophage polarization. <i>Oncotarget</i> , 2016, 7, 50099-50116.	0.8	25
2995	Monocyte-derived factors including PLA2G7 induced by macrophage-nasopharyngeal carcinoma cell interaction promote tumor cell invasiveness. <i>Oncotarget</i> , 2016, 7, 55473-55490.	0.8	19
2996	Gene-gene interactions in gastrointestinal cancer susceptibility. <i>Oncotarget</i> , 2016, 7, 67612-67625.	0.8	19
2997	Dicer suppresses MMP-2-mediated invasion and VEGFA-induced angiogenesis and serves as a promising prognostic biomarker in human clear cell renal cell carcinoma. <i>Oncotarget</i> , 2016, 7, 84299-84313.	0.8	19
2998	AXL modulates extracellular matrix protein expression and is essential for invasion and metastasis in endometrial cancer. <i>Oncotarget</i> , 2016, 7, 77291-77305.	0.8	26
2999	Long noncoding RNA BX357664 regulates cell proliferation and epithelial-to-mesenchymal transition via inhibition of TGF- β 1/p38/HSP27 signaling in renal cell carcinoma. <i>Oncotarget</i> , 2016, 7, 81410-81422.	0.8	34
3000	Sphingosine kinase 1 is a potential therapeutic target for nasopharyngeal carcinoma. <i>Oncotarget</i> , 2016, 7, 80586-80598.	0.8	7
3001	Identification of novel tumor suppressor proteases by degradome profiling of colorectal carcinomas. <i>Oncotarget</i> , 2013, 4, 1919-1932.	0.8	12
3002	Excessive matrix metalloprotease-mediated degradation of interstitial tissue (type I collagen) independently predicts short-term survival in an observational study of postmenopausal women diagnosed with cancer. <i>Oncotarget</i> , 2017, 8, 52501-52510.	0.8	10
3003	Differential expression of M3 muscarinic receptors in progressive colon neoplasia and metastasis. <i>Oncotarget</i> , 2017, 8, 21106-21114.	0.8	35
3004	Membrane lipids in invadopodia and podosomes: Key structures for cancer invasion and metastasis. <i>Oncotarget</i> , 2010, 1, 320-328.	0.8	63

#	ARTICLE	IF	CITATIONS
3005	Estrogen promotes tumor metastasis via estrogen receptor beta-mediated regulation of matrix-metalloproteinase-2 in non-small cell lung cancer. <i>Oncotarget</i> , 2017, 8, 56443-56459.	0.8	25
3006	High WAVE3 expression correlates with proliferation, migration and invasion in human ovarian cancer. <i>Oncotarget</i> , 2017, 8, 41189-41201.	0.8	14
3007	CD147 functions as the signaling receptor for extracellular divalent copper in hepatocellular carcinoma cells. <i>Oncotarget</i> , 2017, 8, 51151-51163.	0.8	13
3008	Targeting CD13 (aminopeptidase-N) in turn downregulates ADAM17 by internalization in acute myeloid leukaemia cells. <i>Oncotarget</i> , 2014, 5, 8211-8222.	0.8	12
3009	The fat and the bad: Mature adipocytes, key actors in tumor progression and resistance. <i>Oncotarget</i> , 2017, 8, 57622-57641.	0.8	135
3010	The metastasis suppressor CD82/KAI1 regulates cell migration and invasion via inhibiting TGF- β 1/Smad signaling in renal cell carcinoma. <i>Oncotarget</i> , 2017, 8, 51559-51568.	0.8	20
3011	Loss of Barx1 promotes hepatocellular carcinoma metastasis through up-regulating MGAT5 and MMP9 expression and indicates poor prognosis. <i>Oncotarget</i> , 2017, 8, 71867-71880.	0.8	23
3012	Transcriptome analysis of human colorectal cancer biopsies reveals extensive expression correlations among genes related to cell proliferation, lipid metabolism, immune response and collagen catabolism. <i>Oncotarget</i> , 2017, 8, 74703-74719.	0.8	26
3013	Hyaluronic acid enhances cell migration and invasion via the YAP1/TAZ-RHAMM axis in malignant pleural mesothelioma. <i>Oncotarget</i> , 2017, 8, 93729-93740.	0.8	24
3014	Gene editing of the extra domain A positive fibronectin in various tumors, amplified the effects of CRISPR/Cas system on the inhibition of tumor progression. <i>Oncotarget</i> , 2017, 8, 105020-105036.	0.8	9
3015	The shedded ectodomain of Lyve-1 expressed on M2-like tumor-associated macrophages inhibits melanoma cell proliferation. <i>Oncotarget</i> , 2017, 8, 103682-103692.	0.8	30
3016	LINCRA00273 promotes cancer metastasis and its G-Quadruplex promoter can serve as a novel target to inhibit cancer invasiveness. <i>Oncotarget</i> , 2017, 8, 110234-110256.	0.8	13
3017	Progesterone and calcitriol reduce invasive potential of endometrial cancer cells by targeting ARF6, NEDD9 and MT1-MMP. <i>Oncotarget</i> , 2017, 8, 113583-113597.	0.8	8
3018	CD151 promotes cell metastasis via activating TGF- β 1/Smad signaling in renal cell carcinoma. <i>Oncotarget</i> , 2018, 9, 13313-13323.	0.8	11
3019	Nickel chloride administration prevents the growth of oral squamous cell carcinoma. <i>Oncotarget</i> , 2018, 9, 24109-24121.	0.8	6
3020	Breast cancer recurrence after reconstruction: know thine enemy. <i>Oncotarget</i> , 2018, 9, 27895-27906.	0.8	22
3021	Filamin C, a dysregulated protein in cancer revealed by label-free quantitative proteomic analyses of human gastric cancer cells. <i>Oncotarget</i> , 2015, 6, 1171-1189.	0.8	32
3022	Prognostic impact of a compartment-specific angiogenic marker profile in patients with pancreatic cancer. <i>Oncotarget</i> , 2014, 5, 12978-12989.	0.8	34

#	ARTICLE	IF	CITATIONS
3023	IgG based immunome analyses of breast cancer patients reveal underlying signaling pathways. <i>Oncotarget</i> , 2019, 10, 3491-3505.	0.8	7
3024	Overexpression of Nodal induces a metastatic phenotype in pancreatic cancer cells via the Smad2/3 pathway. <i>Oncotarget</i> , 2015, 6, 1490-1506.	0.8	39
3025	Heregulin-HER3-HER2 signaling promotes matrix metalloproteinase-dependent blood-brain-barrier transendothelial migration of human breast cancer cell lines. <i>Oncotarget</i> , 2015, 6, 3932-3946.	0.8	60
3026	Protein arginine methyltransferase 7 promotes breast cancer cell invasion through the induction of MMP9 expression. <i>Oncotarget</i> , 2015, 6, 3013-3032.	0.8	65
3027	miR-221/222 induces pancreatic cancer progression through the regulation of matrix metalloproteinases. <i>Oncotarget</i> , 2015, 6, 14153-14164.	0.8	76
3028	p63 drives invasion in keratinocytes expressing HPV16 E6/E7 genes through regulation of Src-FAK signalling. <i>Oncotarget</i> , 2017, 8, 16202-16219.	0.8	26
3029	MMP3-Mediated tumor progression is controlled transcriptionally by a novel IRF8-MMP3 interaction. <i>Oncotarget</i> , 2015, 6, 15164-15179.	0.8	23
3030	Recombinant human alpha fetoprotein synergistically potentiates the anti-cancer effects of 1- β -S-acetoxychavicol acetate when used as a complex against human tumours harbouring AFP-receptors. <i>Oncotarget</i> , 2015, 6, 16151-16167.	0.8	18
3031	By inhibiting Ras/Raf/ERK and MMP-9, knockdown of EpCAM inhibits breast cancer cell growth and metastasis. <i>Oncotarget</i> , 2015, 6, 27187-27198.	0.8	52
3032	An engineered TIMP2-based and enediyne-integrated fusion protein for targeting MMP-14 shows potent antitumor efficacy. <i>Oncotarget</i> , 2015, 6, 26322-26334.	0.8	23
3033	Expression of prokineticin-receptor2(PK-R2) is a new prognostic factor in human colorectal cancer. <i>Oncotarget</i> , 2015, 6, 31758-31766.	0.8	13
3034	The CNGRC-GG-D(KLAKLAK)2 peptide induces a caspase-independent, Ca ²⁺ -dependent death in human leukemic myeloid cells by targeting surface aminopeptidase N/CD13. <i>Oncotarget</i> , 2016, 7, 19445-19467.	0.8	16
3035	Zoledronate blocks geranylgeranylation not farnesylation to suppress human osteosarcoma U2OS cells metastasis by EMT via Rho A activation and FAK-inhibited JNK and p38 pathways. <i>Oncotarget</i> , 2016, 7, 9742-9758.	0.8	41
3036	mDia1 regulates breast cancer invasion by controlling membrane type 1-matrix metalloproteinase localization. <i>Oncotarget</i> , 2016, 7, 17829-17843.	0.8	16
3037	SH3-domain binding protein 1 in the tumor microenvironment promotes hepatocellular carcinoma metastasis through WAVE2 pathway. <i>Oncotarget</i> , 2016, 7, 18356-18370.	0.8	21
3038	Integrin-linked kinase activity modulates the pro-metastatic behavior of ovarian cancer cells. <i>Oncotarget</i> , 2016, 7, 21968-21981.	0.8	23
3039	MicroRNA-543 suppresses colorectal cancer growth and metastasis by targeting KRAS, MTA1 and HMGA2. <i>Oncotarget</i> , 2016, 7, 21825-21839.	0.8	87
3040	TIMP-2 modulates cancer cell transcriptional profile and enhances E-cadherin/beta-catenin complex expression in A549 lung cancer cells. <i>Oncotarget</i> , 2013, 4, 163-173.	0.8	60

#	ARTICLE	IF	CITATIONS
3041	Matrix metalloproteinase-10 regulates stemness of ovarian cancer stem-like cells by activation of canonical Wnt signaling and can be a target of chemotherapy-resistant ovarian cancer. <i>Oncotarget</i> , 2016, 7, 26806-26822.	0.8	34
3042	Chemotherapy-induced uridine diphosphate release promotes breast cancer metastasis through P2Y6 activation. <i>Oncotarget</i> , 2016, 7, 29036-29050.	0.8	27
3043	Paracrine regulation of matrix metalloproteinases contributes to cancer cell invasion by hepatocellular carcinoma-secreted 14-3-3 β . <i>Oncotarget</i> , 2016, 7, 36988-36999.	0.8	14
3044	C3G knock-down enhances migration and invasion by increasing Rap1-mediated p38 β activation, while it impairs tumor growth through p38 β -independent mechanisms. <i>Oncotarget</i> , 2016, 7, 45060-45078.	0.8	23
3045	Huisheng Oral Solution exerts anti-tumor effects by downregulating tissue factor and inhibiting the expression of metastasis-related factors, CD44, MMP2, and VEGF. <i>Translational Cancer Research</i> , 2019, 8, 2602-2612.	0.4	1
3046	<p>Lower Serum Matrix Metalloproteinase β 9 in Metastatic Patients with Esophageal Squamous Cell Carcinoma After Concurrent Radiotherapy Was Significant for Prognosis</p>. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 12857-12866.	1.0	2
3047	Selectivity, Binding Affinity, and Ionization State of Matrix Metalloproteinase Inhibitors. <i>Current Pharmaceutical Design</i> , 2013, 19, 4701-4713.	0.9	5
3048	Monocyte as an Emerging Tool for Targeted Drug Delivery: A Review. <i>Current Pharmaceutical Design</i> , 2019, 24, 5296-5312.	0.9	12
3049	Recent Advances in Strategies for Extracellular Matrix Degradation and Synthesis Inhibition for Improved Therapy of Solid Tumors. <i>Current Pharmaceutical Design</i> , 2020, 26, 5456-5467.	0.9	11
3050	Tumor-targeted Drug Delivery by Nanocomposites. <i>Current Drug Metabolism</i> , 2020, 21, 599-613.	0.7	7
3051	A Glance on the Role of Bacterial Siderophore from the Perspectives of Medical and Biotechnological Approaches. <i>Current Drug Targets</i> , 2020, 21, 1326-1343.	1.0	4
3052	Influencing COX-2 Activity by COX Related Pathways in Inflammation and Cancer. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 1230-1243.	1.1	54
3053	Realgar Nanoparticles Inhibit Migration, Invasion and Metastasis in a Mouse Model of Breast Cancer by Suppressing Matrix Metalloproteinases and Angiogenesis. <i>Current Drug Delivery</i> , 2020, 17, 148-158.	0.8	18
3054	Green Tea Polyphenols as Proteasome Inhibitors: Implication in Chemoprevention. <i>Current Cancer Drug Targets</i> , 2011, 11, 296-306.	0.8	56
3055	Targeting Tumors with Small Molecule Peptides. <i>Current Cancer Drug Targets</i> , 2016, 16, 489-508.	0.8	22
3056	Matrix Metalloproteinases (MMPs) in Targeted Drug Delivery: Synthesis of a Potent and Highly Selective Inhibitor against Matrix Metalloproteinase-7. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 2459-2471.	1.0	6
3057	Glycosaminoglycan Sulodexide Inhibition of MMP-9 Gelatinase Secretion and Activity: Possible Pharmacological Role Against Collagen Degradation in Vascular Chronic Diseases. <i>Current Vascular Pharmacology</i> , 2013, 11, 354-365.	0.8	51
3058	Roles of Ubiquitination and SUMOylation in the Regulation of Angiogenesis. <i>Current Issues in Molecular Biology</i> , 2020, 35, 109-126.	1.0	7

#	ARTICLE	IF	CITATIONS
3059	Radiotherapy-associated Furin Expression and Tumor Invasiveness in Recurrent Laryngeal Cancer. <i>Anticancer Research</i> , 2016, 36, 5117-5126.	0.5	14
3060	Matrix Metalloproteinase-1 Genotype Contributes to the Risk of Non-solid Tumor in Childhood Leukemia. <i>Anticancer Research</i> , 2016, 36, 5127-5132.	0.5	17
3061	Dietary Flavonoids Luteolin and Quercetin Suppressed Cancer Stem Cell Properties and Metastatic Potential of Isolated Prostate Cancer Cells. <i>Anticancer Research</i> , 2016, 36, 6367-6380.	0.5	53
3062	Effects of ADAM10 and ADAM17 Inhibitors on Natural Killer Cell Expansion and Antibody-dependent Cellular Cytotoxicity Against Breast Cancer Cells In Vitro. , 2017, 37, 5507-5513.		25
3063	Phenethyl Isothiocyanate (PEITC) and Benzyl Isothiocyanate (BITC) Inhibit Human Melanoma A375.S2 Cell Migration and Invasion by Affecting MAPK Signaling Pathway In Vitro. <i>Anticancer Research</i> , 2017, 37, 6223-6234.	0.5	26
3064	The Contribution of Matrix Metalloproteinase-1 Genotypes to Hepatocellular Carcinoma Susceptibility in Taiwan. <i>Cancer Genomics and Proteomics</i> , 2017, 14, 119-126.	1.0	19
3065	Post-transcriptional Regulation of MMP16 and TIMP2 Expression via miR-382, miR-410 and miR-200b in Endometrial Cancer. <i>Cancer Genomics and Proteomics</i> , 2017, 14, 389-401.	1.0	16
3066	Enterolactone Suppresses Proliferation, Migration and Metastasis of MDA-MB-231 Breast Cancer Cells Through Inhibition of uPA Induced Plasmin Activation and MMPs-Mediated ECM Remodeling. <i>Asian Pacific Journal of Cancer Prevention</i> , 2017, 18, 905-915.	0.5	28
3067	Matrix metalloproteinases polymorphisms as baseline risk predictors in malignant pleural mesothelioma. <i>Radiology and Oncology</i> , 2018, 52, 160-166.	0.6	14
3068	MMP9 modulates the metastatic cascade and immune landscape for breast cancer anti-metastatic therapy. <i>Life Science Alliance</i> , 2019, 2, e201800226.	1.3	61
3069	Matrix Metalloproteinase-11 Gene Polymorphisms as a Risk for Hepatocellular Carcinoma Development in Egyptian Patients. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020, 21, 3725-3734.	0.5	3
3070	Matrix Metalloproteinase 13 from Satellite Cells is Required for Efficient Muscle Growth and Regeneration. <i>Cellular Physiology and Biochemistry</i> , 2020, 54, 333-353.	1.1	24
3071	Malignancy and IFITM3: Friend or Foe?. <i>Frontiers in Oncology</i> , 2020, 10, 593245.	1.3	29
3072	Neural Regulation of Pancreatic Cancer: A Novel Target for Intervention. <i>Cancers</i> , 2015, 7, 1292-1312.	1.7	18
3073	The Mesothelial Origin of Carcinoma Associated-Fibroblasts in Peritoneal Metastasis. <i>Cancers</i> , 2015, 7, 1994-2011.	1.7	72
3074	Direct Interaction between Carcinoma Cells and Cancer Associated Fibroblasts for the Regulation of Cancer Invasion. <i>Cancers</i> , 2015, 7, 2054-2062.	1.7	98
3075	Stimuli-Responsive Gold Nanoparticles for Cancer Diagnosis and Therapy. <i>Journal of Functional Biomaterials</i> , 2016, 7, 19.	1.8	22
3076	Spheroids of Endothelial Cells and Vascular Smooth Muscle Cells Promote Cell Migration in Hyaluronic Acid and Fibrinogen Composite Hydrogels. <i>Research</i> , 2020, 2020, 8970480.	2.8	17

#	ARTICLE	IF	CITATIONS
3077	Tumor-Associated Macrophages: Protumoral Macrophages in Inflammatory Tumor Microenvironment. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 556-565.	0.6	42
3078	Microenvironment Analysis of Prognosis and Molecular Signature of Immune-Related Genes in Lung Adenocarcinoma. <i>Oncology Research</i> , 2020, 28, 561-578.	0.6	13
3079	Cancer-associated fibroblasts in digestive tumors. <i>World Journal of Gastroenterology</i> , 2014, 20, 17804-17818.	1.4	64
3082	Location, function and role of stromal cell-derived factors and possible implications in cancer (Review). <i>International Journal of Molecular Medicine</i> , 2020, 47, 435-443.	1.8	4
3083	Autologous tumor-derived microvesicles influence gene expression profiles and enhance protumorigenic chemotactic potential, signal transduction and cellular respiration in gastric cancer cells. <i>International Journal of Oncology</i> , 2020, 56, 359-367.	1.4	2
3084	Forskolin promotes vasculogenic mimicry and invasion via Notch1-activated epithelial-to-mesenchymal transition in syncytialization of trophoblast cells in choriocarcinoma. <i>International Journal of Oncology</i> , 2020, 56, 1129-1139.	1.4	4
3085	Effects of S-adenosyl-L-methionine on the invasion and migration of head and neck squamous cancer cells and analysis of the underlying mechanisms. <i>International Journal of Oncology</i> , 2020, 56, 1212-1224.	1.4	20
3086	High expression of FUSE binding protein 1 in breast cancer stimulates cell proliferation and diminishes drug sensitivity. <i>International Journal of Oncology</i> , 2020, 57, 488-499.	1.4	9
3087	Lumican mediates HTB94 chondrosarcoma cell growth via an IGF1R/Erk1/2 axis. <i>International Journal of Oncology</i> , 2020, 57, 791-803.	1.4	13
3088	Cleistanthin A inhibits the invasion and metastasis of human melanoma cells by inhibiting the expression of matrix metalloproteinase-2 and -9. <i>Oncology Letters</i> , 2017, 14, 6217-6223.	0.8	13
3089	Cancer-associated fibroblast stimulates cancer cell invasion in an interleukin-1 receptor (IL1R)-dependent manner. <i>Oncology Letters</i> , 2019, 18, 4645-4650.	0.8	14
3090	Differentiation and roles of bone marrow-derived cells on the tumor microenvironment of oral squamous cell carcinoma. <i>Oncology Letters</i> , 2019, 18, 6628-6638.	0.8	5
3091	THBS2, a microRNA-744-5p target, modulates MMP9 expression through CUX1 in pancreatic neuroendocrine tumors. <i>Oncology Letters</i> , 2020, 19, 1683-1692.	0.8	8
3092	High expression of GPNMB indicates an unfavorable prognosis in glioma: Combination of data from the GEO and CGGA databases and validation in tissue microarray. <i>Oncology Letters</i> , 2020, 20, 2356-2368.	0.8	9
3093	Eukaryotic translation initiation factor 5A in the pathogenesis of cancers (Review). <i>Oncology Letters</i> , 2020, 20, 1-1.	0.8	17
3094	Ursolic acid inhibits the invasiveness of A498 cells via NLRP3 inflammasome activation. <i>Oncology Letters</i> , 2020, 20, 1-1.	0.8	5
3095	Targeting tumor-associated macrophages in the tumor microenvironment (Review). <i>Oncology Letters</i> , 2020, 20, 1-1.	0.8	61
3096	TPX2 knockdown suppressed hepatocellular carcinoma cell invasion via inactivating AKT signaling and inhibiting MMP2 and MMP9 expression. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , 2014, 26, 410-7.	0.7	31

#	ARTICLE	IF	CITATIONS
3097	Exploring the functional space of thiranes as gelatinase inhibitors using click chemistry. <i>Arkivoc</i> , 2011, 2011, 221-236.	0.3	7
3098	Baicalein Inhibits the Migration and Invasion of B16F10 Mouse Melanoma Cells through Inactivation of the PI3K/Akt Signaling Pathway. <i>Biomolecules and Therapeutics</i> , 2017, 25, 213-221.	1.1	36
3099	Molecular changes in invasive front of oral cancer. <i>Journal of Oral and Maxillofacial Pathology</i> , 2013, 17, 240.	0.3	56
3100	Correlations of polymorphisms in matrix metalloproteinase-1, -2, and -7 promoters to susceptibility to malignant gliomas. <i>Journal of Innovative Optical Health Sciences</i> , 2016, 11, 160.	0.5	6
3101	The association of matrix metalloproteinase-2 promoter polymorphisms with lung cancer susceptibility in Taiwan. <i>Chinese Journal of Physiology</i> , 2019, 62, 210.	0.4	8
3102	Extracellular matrix remodeling in human disease. <i>Journal of Microscopy and Ultrastructure</i> , 2018, 6, 123.	0.1	71
3103	Inhibition of hepatocellular carcinoma cell proliferation, migration, and invasion by a disintegrin and metalloproteinase-17 inhibitor TNF484. <i>Journal of Research in Medical Sciences</i> , 2019, 24, 26.	0.4	5
3104	Tumor-Associated Macrophages Derived TGF- β Induced Epithelial to Mesenchymal Transition in Colorectal Cancer Cells through Smad2,3-4/Snail Signaling Pathway. <i>Cancer Research and Treatment</i> , 2019, 51, 252-266.	1.3	75
3105	Solasodine, Solamargine and Mixtures of Solasodine Rhamnosides: Pathway to Expansive Clinical Anticancer Therapies. <i>International Journal of Clinical Medicine</i> , 2017, 08, 692-713.	0.1	12
3106	Cancer: Tumor Iron Metabolism, Mitochondrial Dysfunction and Tumor Immunosuppression; A Tight Partnership Was Warburg Correct? <i>Journal of Cancer Therapy</i> , 2012, 03, 278-311.	0.1	21
3107	Therapeutic Potential of Neem Synthesized Silver Nanoparticles on Human Gastric Cancer Cells & in Vitro. <i>World Journal of Nano Science and Engineering</i> , 2016, 06, 90-110.	0.3	3
3108	Hematopoietic stem cell-derived adipocytes and fibroblasts in the tumor microenvironment. <i>World Journal of Stem Cells</i> , 2015, 7, 253.	1.3	39
3109	Gelatin degradation assay reveals MMP-9 inhibitors and function of O-glycosylated domain. <i>World Journal of Biological Chemistry</i> , 2011, 2, 14.	1.7	56
3110	Siyah 1/4m ekstresinin meme kanseri h1/4crelerinde MMP-9 gen ekspresyonuna etkisi. <i>Biological Diversity and Conservation</i> , 2020, 13, 194-199.	0.3	2
3111	Tumor-associated Collagen Signatures: An Insight. <i>World Journal of Dentistry</i> , 2017, 8, 224-230.	0.1	8
3112	Inhibition of Invasion and Capillary-like Tube Formation by Retrohydroxamate-based MMP Inhibitors. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 2032-2038.	1.0	2
3113	Targeting metastatic upper gastrointestinal adenocarcinomas. <i>World Journal of Clinical Oncology</i> , 2011, 2, 135.	0.9	4
3114	Higher levels of matrix metalloproteinase-3 in patients with RA reflect disease activity and structural damage. <i>Biomedical Papers of the Medical Faculty of the University Palacky, Olomouc, Czechoslovakia</i> , 2017, 161, 296-302.	0.2	11

#	ARTICLE	IF	CITATIONS
3115	Circulating tumor cells and serum levels of MMP-2, MMP-9 and VEGF as markers of the metastatic process in patients with high risk of metastatic progression. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2017, 161, 272-280.	0.2	22
3116	Clinicopathological correlation of tumor-associated macrophages in Ewing sarcoma. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2018, 162, 54-60.	0.2	10
3117	Brain Metastases Progression of Breast Cancer. , 0, , .		3
3118	The role of the microenvironment in tumor immune surveillance. Bioinformatics, 2011, 5, 285-290.	0.2	15
3119	Structural insights into the binding of MMP9 inhibitors. Bioinformatics, 2011, 5, 310-314.	0.2	31
3120	Potential risk of certain cancers among patients with Periodontitis: a supplementary meta-analysis of a large-scale population. International Journal of Medical Sciences, 2020, 17, 2531-2543.	1.1	7
3121	Effects of PTTG Down-regulation on Proliferation and Metastasis of the SCL-1 Cutaneous Squamous Cell Carcinoma Cell Line. Asian Pacific Journal of Cancer Prevention, 2013, 14, 6245-6248.	0.5	12
3122	Prognostic Value of MMP-9 in Ovarian Cancer: A Meta-analysis. Asian Pacific Journal of Cancer Prevention, 2013, 14, 4107-4113.	0.5	45
3123	Association of Matrix Metalloproteinase (MMP)-2 and -9 Expression with Extra-gastrointestinal Stromal Tumor Metastasis. Asian Pacific Journal of Cancer Prevention, 2014, 15, 4187-4192.	0.5	10
3124	Associations between Single Nucleotide Polymorphisms of COX-2 and MMP-2 Genes and Colorectal Cancer Susceptibility in the Saudi Population. Asian Pacific Journal of Cancer Prevention, 2014, 15, 4989-4994.	0.5	19
3125	Mitogen-Activated Protein Kinase Signal Transduction in Solid Tumors. Asian Pacific Journal of Cancer Prevention, 2014, 15, 8539-8548.	0.5	79
3126	Inhibition of Metastasis and Invasion of Ovarian Cancer Cells by Crude Polysaccharides from Rosa Roxburghii Tratt in Vitro. Asian Pacific Journal of Cancer Prevention, 2015, 15, 10351-10354.	0.5	45
3127	Correlation between Microvascular Density and Matrix Metalloproteinase 11 Expression in Prostate Cancer Tissues: a Preliminary Study in Thailand. Asian Pacific Journal of Cancer Prevention, 2015, 16, 6639-6643.	0.5	5
3128	Matrix metalloproteinase 14 is required for fibrous tissue expansion. ELife, 2015, 4, e09345.	2.8	39
3129	Secretion of protein disulphide isomerase AGR2 confers tumorigenic properties. ELife, 2016, 5, .	2.8	60
3130	Tumor suppression in basal keratinocytes via dual non-cell-autonomous functions of a Na,K-ATPase beta subunit. ELife, 2016, 5, .	2.8	25
3131	A toolkit for studying cell surface shedding of diverse transmembrane receptors. ELife, 2019, 8, .	2.8	8
3132	Protein phase separation and its role in tumorigenesis. ELife, 2020, 9, .	2.8	63

#	ARTICLE	IF	CITATIONS
3133	Representing Tumor-Associated Macrophages as the Angiogenesis and Tumor Microenvironment Regulator. <i>Modern Medical Laboratory Journal</i> , 2021, 4, 52-67.	0.2	0
3134	Hey1 promotes migration and invasion of melanoma cells via GRB2/PI3K/AKT signaling cascade. <i>Journal of Cancer</i> , 2021, 12, 6979-6988.	1.2	7
3135	Tumor microenvironment and nanotherapeutics: intruding the tumor fort. <i>Biomaterials Science</i> , 2021, 9, 7667-7704.	2.6	30
3136	The Tumour Microenvironment and Circulating Tumour Cells: A Partnership Driving Metastasis and Glycan-Based Opportunities for Cancer Control. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1329, 1-33.	0.8	2
3137	A metformin-based nanoreactor alleviates hypoxia and reduces ATP for cancer synergistic therapy. <i>Biomaterials Science</i> , 2021, 9, 7456-7470.	2.6	13
3138	Uvangoletin, extracted from <i>Sarcandra glabra</i> , exerts anticancer activity by inducing autophagy and apoptosis and inhibiting invasion and migration on hepatocellular carcinoma cells. <i>Phytomedicine</i> , 2022, 94, 153793.	2.3	8
3139	Autophagy in Tumor Immunity and Viral-Based Immunotherapeutic Approaches in Cancer. <i>Cells</i> , 2021, 10, 2672.	1.8	5
3140	Characterisation of Plasma Mitochondrial DNA, MMP-9 and Neutrophil Elastase in Patients Undergoing Coronary Artery Bypass Grafting: Effects of Tranexamic Acid and Postoperative Pneumonia. <i>Heart Lung and Circulation</i> , 2021, , .	0.2	1
3141	Targeting Tumor-Associated Macrophages in Cancer Immunotherapy. <i>Cancers</i> , 2021, 13, 5318.	1.7	26
3142	Aptamers targeting a tumor-associated extracellular matrix component: The human mature collagen XII±1. <i>Analytica Chimica Acta</i> , 2022, 1189, 339206.	2.6	5
3143	Hydrolysis Mechanism of the Linkers by Matrix Metalloproteinase-9 Using QM/MM Calculations. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 5203-5211.	2.5	10
3144	Tumor microenvironment-responsive dynamic inorganic nanoassemblies for cancer imaging and treatment. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 114004.	6.6	55
3145	The α 23/5 Integrin-MMP9 Axis Regulates Pulmonary Inflammatory Response and Endothelial Leakage in Acute Lung Injury. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 5079-5094.	1.6	4
3146	Gallic Acid Suppressed Tumorigenesis by an LncRNA MALAT1-Wnt/ β -Catenin Axis in Hepatocellular Carcinoma. <i>Frontiers in Pharmacology</i> , 2021, 12, 708967.	1.6	16
3147	Inhibition of Matrix Metalloproteinases and Cancer Cell Detachment by Ru(II) Polypyridyl Complexes Containing 4,7-Diphenyl-1,10-phenanthroline Ligands as New Candidates for Antimetastatic Agents. <i>Pharmaceuticals</i> , 2021, 14, 1014.	1.7	8
3148	Propranolol inhibits the angiogenic capacity of hemangioma endothelia via blocking β 2-adrenoceptor in mast cell. <i>Pediatric Research</i> , 2022, 92, 424-429.	1.1	3
3149	Therapeutic antibodies as natural and pathological barriers and strategies to overcome them. , 2022, 233, 108022.		15
3150	Extracellular Matrix in Synthetic Hydrogel-Based Prostate Cancer Organoids Regulate Therapeutic Response to EZH2 and DRD2 Inhibitors. <i>Advanced Materials</i> , 2022, 34, e2100096.	11.1	24

#	ARTICLE	IF	CITATIONS
3151	LRP-1 Matricellular Receptor Involvement in Triple Negative Breast Cancer Tumor Angiogenesis. <i>Biomedicines</i> , 2021, 9, 1430.	1.4	7
3152	Next generation of tumor-activating type I IFN enhances anti-tumor immune responses to overcome therapy resistance. <i>Nature Communications</i> , 2021, 12, 5866.	5.8	39
3153	T Cells Promote Metastasis by Regulating Extracellular Matrix Remodeling following Chemotherapy. <i>Cancer Research</i> , 2022, 82, 278-291.	0.4	34
3154	The Pertinent Role of Cell and Matrix Mechanics in Cell Adhesion and Migration. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 720494.	1.8	5
3155	Stimuli-Responsive Polymeric Nanosystems for Controlled Drug Delivery. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9541.	1.3	5
3156	Extraction, Structures, Bioactivities and Structure-Function Analysis of the Polysaccharides From Safflower (<i>Carthamus tinctorius</i> L.). <i>Frontiers in Pharmacology</i> , 2021, 12, 767947.	1.6	14
3157	19-Hydroxybufalin inhibits non-small cell lung cancer cell proliferation and promotes cell apoptosis via the Wnt/ β -catenin pathway. <i>Experimental Hematology and Oncology</i> , 2021, 10, 48.	2.0	12
3158	Nanoparticle-containing electrospun nanofibrous scaffolds for sustained release of SDF-1 β . <i>International Journal of Pharmaceutics</i> , 2021, 610, 121205.	2.6	13
3159	Enzymatically Transformable Polymersome-Based Nanotherapeutics to Eliminate Minimal Relapsable Cancer. <i>Advanced Materials</i> , 2021, 33, e2105254.	11.1	39
3160	Lnc00892 competes with c-Jun to block NCL transcription, reducing the stability of RhoA/RhoC mRNA and impairing bladder cancer invasion. <i>Oncogene</i> , 2021, 40, 6579-6589.	2.6	9
3161	Histopathological and immunohistochemical study of periodontal changes in chronic smokers. <i>Romanian Journal of Morphology and Embryology</i> , 2021, 62, 209-217.	0.4	7
3162	Understanding and improving cellular immunotherapies against cancer: From cell-manufacturing to tumor-immune models. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 114003.	6.6	20
3163	CRISPR/Cas9 in cancer therapy: A review with a special focus on tumor angiogenesis. <i>International Journal of Biological Macromolecules</i> , 2021, 192, 913-930.	3.6	10
3165	Structure-Function Relationship of Neutrophil Collagenase (MMP-8). <i>Juntendo J., Igaku</i> , 2011, 57, 504-511.	0.1	0
3166	Pseudopodia and Adhesion Structures. , 2011, , 37-56.		0
3167	Proteolytic Enzymes and Cell Signaling: Pharmacological Lessons. , 2011, , 1-25.		0
3168	Anti-Angiogenesis Therapy in Melanoma. , 2012, , 155-184.		0
3169	Skin Tumor ^ ^mdash; Invasion and Stroma ^ ^mdash; (the second part). <i>Nishinon Journal of Dermatology</i> , 2012, 74, 178-184.	0.0	0

#	ARTICLE	IF	CITATIONS
3190	The Lens Capsule: Synthesis, Remodeling, and MMPs. , 2014, , 39-57.		0
3191	Tumor-Associated Macrophages. , 2014, , 425-443.		1
3193	Morphological Characteristics of the Stroma in Malignant Epithelial Neoplasms with Short Review of Skin Squamous Cell Carcinoma. Makedonski Medicinski Pregled Revue Medicale Macedonienne, 2014, 68, 8-15.	0.0	0
3195	CIC Mutation as Signature Alteration in Oligodendroglioma. , 2015, , 423-440.		0
3196	Determinación del tiempo de lisis del coágulo humano (in vitro) con el plasminógeno/plasmina de cuatro especies: humano, bovino, caprino y porcino. Revista De Medicina Veterinaria, 2015, , 11.	0.2	0
3198	Imaging Matrix Metalloproteinase Activity Implicated in Breast Cancer Progression. Methods in Molecular Biology, 2016, 1406, 303-329.	0.4	1
3199	Matrix Metalloproteinases. , 2016, , 1-9.		0
3200	Mechanisms of Macrophage Migration in 3-Dimensional Environments. , 2016, , 916-926.		0
3201	Transforming Growth Factor-Beta and Matrix Metalloproteinases Functional Interplay in Cancer; Implications in Epithelial to Mesenchymal Transition. Cell Biology: Research & Therapy, 0, s1, .	0.2	1
3202	GLI Family Zinc Finger 2. , 2017, , 1-11.		0
3203	Gastric Pathology and Metalloproteinases. , 2017, , 489-513.		0
3204	Peking University - Juntendo University Joint Symposium on Cancer Research and Treatment. Juntendo Medical Journal, 2017, 63, 322-325.	0.1	0
3205	Anticancer Drug Development, Getting out from Bottleneck. International Journal of Molecular Biology Open Access, 2017, 2, .	0.2	0
3206	Proteolytic Networks at the Crossroads of Cancer Cell Life and Death: Cancer Stem Cell Deciding Cell Fate. , 2017, , 237-263.		0
3207	Role of Proteases in Tumor Immune Evasion. , 2017, , 265-296.		0
3208	Role of Metalloproteinases in Melanoma Growth and Progression. , 2017, , 91-102.		0
3209	ADAM and ADAMTS Family of Metalloproteinases: Role in Cancer Progression and Acquisition of Hallmarks. , 2017, , 303-331.		0
3210	Association of Matrix Metalloproteinases with CVD: Functional Aspects. , 2017, , 473-496.		0

#	ARTICLE	IF	CITATIONS
3211	Metalloproteinases: a Functional Pathway for Myeloid Cells. , 0, , 649-658.		0
3212	MMP-9. , 2017, , 1-6.		1
3215	Assessing the Influence of a \hat{A} Protease in Cell Migration Using the Barrier-Migration Assay. Methods in Molecular Biology, 2018, 1731, 133-143.	0.4	0
3216	GLI Family Zinc Finger 2. , 2018, , 2077-2088.		1
3217	MMP-9. , 2018, , 3162-3167.		0
3218	The role of matrix metalloproteinases in cancer progression, in particular metastasis. Archives of Medical Science - Civilization Diseases, 2018, 3, 124-146.	0.1	2
3220	Tumors and biofilms: too much coincidences to be casual. Biopolymers and Cell, 2018, 34, 72-81.	0.1	2
3221	Role of extracellular matrix in breast cancer development: a brief update. F1000Research, 2018, 7, 274.	0.8	37
3222	EXPRESSION OF MMP-9 AS A PROGNOSTIC FACTOR OF UTERINE SARCOMA. Reports of Morphology, 2018, 24, 21-27.	0.0	0
3226	Construction of stimulus-responsive micelles systems for efficient targeting of cancer drugs. , 2019, , 227-246.		0
3227	Formal model of the interplay between TGF- \hat{I} 21 and MMP-9 and their dynamics in hepatocellular carcinoma. Mathematical Biosciences and Engineering, 2019, 16, 3285-3310.	1.0	6
3228	Invadopodia formation: An important step in matrix stiffness-regulated tumor invasion and metastasis. World Chinese Journal of Digestology, 2019, 27, 589-597.	0.0	0
3232	PTTG has a Dual Role of Promotion-Inhibition in the Development of Pituitary Adenomas. Protein and Peptide Letters, 2019, 26, 800-818.	0.4	1
3233	Cancer-associated fibroblasts as a potential target in oncology therapy. Postepy Higieny I Medycyny Doswiadczalnej, 2019, 73, 536-549.	0.1	1
3234	Genetics of Oral Cancer. , 2020, , 97-103.		0
3235	Therapeutic Use of Inorganic Nanomaterials in Malignant Diseases. Environmental Chemistry for A Sustainable World, 2020, , 47-87.	0.3	0
3236	Assessing the potential role of neutrophil elastase as a prognostic indicator in oral squamous cell carcinoma. Forum of Clinical Oncology, 2019, 10, 34-38.	0.1	1
3237	Role of Osteoblasts in Cancer-Induced Bone Disease. , 2020, , 201-218.		1

#	ARTICLE	IF	CITATIONS
3238	Advances in the role of exosomal non-coding RNA in the development, diagnosis, and treatment of gastric cancer (Review). <i>Molecular and Clinical Oncology</i> , 2020, 13, 101-108.	0.4	4
3239	Potential of denatured collagen-hybridizing peptides for a novel DDS. <i>Drug Delivery System</i> , 2020, 35, 181-190.	0.0	0
3240	Identification of Target Genes Related to Sulfasalazine in Triple-Negative Breast Cancer Through Network Pharmacology. <i>Medical Science Monitor</i> , 2020, 26, e926550.	0.5	5
3242	Moving Ru polypyridyl complexes beyond cytotoxic activity towards metastasis inhibition. <i>Journal of Inorganic Biochemistry</i> , 2022, 226, 111652.	1.5	19
3243	Nano drug delivery systems improve metastatic breast cancer therapy. <i>Medical Review</i> , 2021, 1, 244-274.	0.3	4
3244	The Microenvironment of Tongue Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1296, 49-78.	0.8	1
3245	Interleukin 1 β /1RA axis in colorectal cancer regulates tumor invasion, proliferation and apoptosis via autophagy. <i>Oncology Reports</i> , 2020, 43, 908-918.	1.2	6
3246	Identification of an extracellular vesicle-related gene signature in the prediction of pancreatic cancer clinical prognosis. <i>Bioscience Reports</i> , 2020, 40, .	1.1	10
3247	Gossypol Reduces Metastasis and Epithelial-Mesenchymal Transition by Targeting Protease in Human Cervical Cancer. <i>The American Journal of Chinese Medicine</i> , 2021, 49, 181-198.	1.5	17
3248	MicroRNA-34a-5p serves as a tumor suppressor by regulating the cell motility of bladder cancer cells through matrix metalloproteinase-2 silencing. <i>Oncology Reports</i> , 2020, 45, 911-920.	1.2	13
3249	Photo-Responsive Supramolecular Micelles for Controlled Drug Release and Improved Chemotherapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 154.	1.8	12
3250	Proteolytic processing of laminin and the role of cryptides in tumoral biology. , 2022, , 113-130.		0
3251	Proteolytic signaling: An introduction. , 2022, , 1-9.		0
3252	Proteolytic signaling in cutaneous wound healing. , 2022, , 131-164.		2
3253	Sweat Gland Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1296, 259-274.	0.8	0
3254	Mammary stem cells and their niche during aging. <i>Advances in Stem Cells and Their Niches</i> , 2020, 4, 173-195.	0.1	0
3255	Crocetin suppresses the growth and migration in HCT-116 human colorectal cancer cells by activating the p-38 MAPK signaling pathway. <i>Research in Pharmaceutical Sciences</i> , 2020, 15, 592.	0.6	10
3256	Review of Premetastasis Niche Research Progress. <i>Journal of Biosciences and Medicines</i> , 2020, 08, 153-162.	0.1	1

#	ARTICLE	IF	CITATIONS
3257	Role of the Character of Expression of Matrix Metalloproteinase 9 in the Pathogenesis and Diagnostics of the Periodontal Pathology. <i>Ukrainian Journal of Medicine and Biology</i> , 2020, 5, 112-120.	0.0	0
3258	Enzyme-responsive nanocontainer for small molecule delivery. , 2020, , 217-227.		0
3259	Stem Cell-Secreted Factors in the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1277, 115-126.	0.8	2
3260	Immunoexpression of metalloproteinases 9 (MMP-9) and 2 (MMP-2) and their inhibitors (TIMP-1 and TIMP-2) in the Tumor Microenvironment. <i>Journal of Cellular Biochemistry</i> , 2020, 123, 107-114.	0.3	1
3261	The Mammary Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1296, 163-181.	0.8	1
3262	Dietary Fiber and Cancer. <i>Food Engineering Series</i> , 2020, , 241-276.	0.3	2
3263	Metabolic Pathways of Eukaryotes and Connection to Cell Mechanics. <i>Biological and Medical Physics Series</i> , 2020, , 825-891.	0.3	1
3264	Systematic Combination of Oligonucleotides and Synthetic Polymers for Advanced Therapeutic Applications. <i>Macromolecular Research</i> , 2021, 29, 665-680.	1.0	7
3265	STAT5 is activated in macrophages by breast cancer cell-derived factors and regulates macrophage function in the tumor microenvironment. <i>Breast Cancer Research</i> , 2021, 23, 104.	2.2	16
3266	Î±-Actinin-4 drives invasiveness by regulating myosin IIB expression and myosin IIA localization. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	7
3267	Exploring metformin as a candidate drug for rosacea through network pharmacology and experimental validation. <i>Pharmacological Research</i> , 2021, 174, 105971.	3.1	9
3268	Circular RNA hsa_circ_0002360 promotes non-small cell lung cancer progression through upregulating matrix metalloproteinase 16 and sponging multiple micorRNAs. <i>Bioengineered</i> , 2021, 12, 12767-12777.	1.4	5
3269	Spatial-Temporal Patterns and Inflammatory Factors of Bone Matrix Remodeling. <i>Stem Cells International</i> , 2021, 2021, 1-15.	1.2	1
3270	Matrix metalloproteinases polymorphisms as baseline risk predictors in malignant pleural mesothelioma. <i>Radiology and Oncology</i> , 2018, .	0.6	0
3272	Neurturin regulates the lung-resident macrophage inflammatory response to viral infection. <i>Life Science Alliance</i> , 2020, 3, e202000780.	1.3	2
3273	Nanomedicine in Pancreatic Cancer: A New Hope for Treatment. <i>Current Drug Targets</i> , 2020, 21, 1580-1592.	1.0	3
3274	Expression of MMP-2 correlates with increased angiogenesis in CNS metastasis of lung carcinoma. <i>International Journal of Clinical and Experimental Pathology</i> , 2010, 3, 775-81.	0.5	43
3278	Identification of novel tumor suppressor proteases by degradome profiling of colorectal carcinomas. <i>Oncotarget</i> , 2013, 4, 1919-1932.	0.8	1

#	ARTICLE	IF	CITATIONS
3279	Foxl1 inhibits tumor invasion and predicts outcome in human renal cancer. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 110-22.	0.5	16
3280	Correlations of lysyl oxidase with MMP2/MMP9 expression and its prognostic value in non-small cell lung cancer. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 6040-7.	0.5	39
3281	Immunohistochemical characterization of brain-invasive meningiomas. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 7206-19.	0.5	29
3282	Upregulation of CD147 promotes cell invasion, epithelial-to-mesenchymal transition and activates MAPK/ERK signaling pathway in colorectal cancer. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 7432-41.	0.5	27
3283	Dramatic antitumor effects of the dual mTORC1 and mTORC2 inhibitor AZD2014 in hepatocellular carcinoma. <i>American Journal of Cancer Research</i> , 2015, 5, 125-39.	1.4	30
3284	Prognostic value of SATB2 expression in patients with esophageal squamous cell carcinoma. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 423-31.	0.5	8
3285	The microRNA-520a-3p inhibits proliferation, apoptosis and metastasis by targeting MAP3K2 in non-small cell lung cancer. <i>American Journal of Cancer Research</i> , 2015, 5, 802-11.	1.4	28
3286	Golgi phosphoprotein 3 regulates metastasis of prostate cancer via matrix metalloproteinase 9. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 3691-700.	0.5	12
3288	Inhibition of <i>Pseudomonas aeruginosa</i> biofilm formation by 2,2'-bipyridyl, lipoic, kojic and picolinic acids. <i>Iranian Journal of Basic Medical Sciences</i> , 2015, 18, 758-63.	1.0	3
3289	Decellularized kidney in the presence of chondroitin sulfate as a natural 3D scaffold for stem cells. <i>Iranian Journal of Basic Medical Sciences</i> , 2015, 18, 788-98.	1.0	6
3290	MicroRNA miR-182 cluster mediated modulation of RECK without changes in cell surface membrane type-1 matrix metalloproteinase (MT1-MMP). <i>American Journal of Cancer Research</i> , 2015, 5, 2918-28.	1.4	2
3291	Evidence of a novel gene HERPUD1 in polypoidal choroidal vasculopathy. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 13928-44.	0.5	7
3293	The diverse roles of the TNF axis in cancer progression and metastasis. <i>Trends in Cancer Research</i> , 2016, 11, 1-27.	1.6	77
3294	Revisiting the hallmarks of cancer. <i>American Journal of Cancer Research</i> , 2017, 7, 1016-1036.	1.4	292
3295	Overexpression and biological function of MEF2D in human pancreatic cancer. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 4836-4847.	0.0	12
3298	Gene Expression Changes in Pomegranate Peel Extract-Treated Triple-Negative Breast Cancer Cells. <i>Reports of Biochemistry and Molecular Biology</i> , 2018, 7, 102-109.	0.5	10
3299	Cell Specific Matrix Metalloproteinase-1 Regulates Lung Metastasis Synergistically with Smoke Exposure. , 2018, 1, .		5
3300	TIMP-2: An Endogenous Angiogenesis Inhibitor with Distinct Antitumoral Properties. <i>Treatment Strategies Hematology</i> , 2012, 2, 31-35.	0.0	3

#	ARTICLE	IF	CITATIONS
3301	Tumor-associated macrophages induce invasion and poor prognosis in human gastric cancer in a cyclooxygenase-2/MMP9-dependent manner. American Journal of Translational Research (discontinued), 2019, 11, 6040-6054.	0.0	26
3302	Nutrient Deprivation Modulates the Metastatic Potential of Breast Cancer Cells. Reports of Biochemistry and Molecular Biology, 2019, 8, 139-146.	0.5	6
3303	Tumor cells induced-M2 macrophage favors accumulation of Treg in nasopharyngeal carcinoma. International Journal of Clinical and Experimental Pathology, 2017, 10, 8389-8401.	0.5	10
3304	Silencing glioma-associated oncogene homolog 1 suppresses the migration and invasion of hepatocellular carcinoma. Oncology Letters, 2020, 20, 228.	0.8	1
3305	Exposure of the cryptic de-adhesive site FNIII14 in fibronectin molecule and its binding to membrane-type eEF1A induce migration and invasion of cancer cells via β 1-integrin inactivation. American Journal of Cancer Research, 2020, 10, 3990-4004.	1.4	1
3306	Prognostic role of matrix metalloproteinase 9 in early breast cancer. Oncology Letters, 2021, 21, 78.	0.8	2
3307	Tumor-derived exosomal circRNA051239 promotes proliferation and migration of epithelial ovarian cancer. American Journal of Translational Research (discontinued), 2021, 13, 1125-1139.	0.0	8
3308	Biological effects of exosome derived from Cal27 on normal human gingival fibroblasts. Hua Xi Kou Qiang Yi Xue Za Zhi = Huaxi Kouqiang Yixue Zazhi = West China Journal of Stomatology, 2021, 39, 313-319.	0.1	0
3309	Environmental Exposure to Heavy Metals Contributes to Diseases Via Deregulated Wnt Signaling Pathways. Iranian Journal of Pharmaceutical Research, 2021, 20, 370-382.	0.3	0
3310	Cancer on fire: role of inflammation in prevention and treatment. , 2022, , 605-626.		1
3311	Targeting Tumor-Stromal Interactions in Pancreatic Cancer: Impact of Collagens and Mechanical Traits. Frontiers in Cell and Developmental Biology, 2021, 9, 787485.	1.8	25
3312	Targeting monocytes/macrophages in fibrosis and cancer diseases: Therapeutic approaches. , 2022, 234, 108031.		17
3313	DACH1 inhibits breast cancer cell invasion and metastasis by down-regulating the transcription of matrix metalloproteinase 9. Cell Death Discovery, 2021, 7, 351.	2.0	17
3314	Shikonin Promotes Apoptosis and Attenuates Migration and Invasion of Human Esophageal Cancer Cells by Inhibiting Tumor Necrosis Factor Receptor-Associated Protein 1 Expression and AKT/mTOR Signaling Pathway. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-12.	0.5	1
3315	Heart Rate Variability is an Independent Predictor of Lymph Node Metastasis in Patients with Cervical Cancer. Cancer Management and Research, 2021, Volume 13, 8821-8830.	0.9	1
3316	Matrix Metalloproteinases in Human Decidualized Endometrial Stromal Cells. Current Issues in Molecular Biology, 2021, 43, 2111-2123.	1.0	7
3317	Size-Adjustable Nano-Drug Delivery Systems for Enhanced Tumor Retention and Penetration. Pharmaceutical Fronts, 2021, 03, e98-e112.	0.4	2
3318	A narrative review of research progress on FoxM1 in breast cancer carcinogenesis and therapeutics. Annals of Translational Medicine, 2021, 9, 1704-1704.	0.7	15

#	ARTICLE	IF	CITATIONS
3319	Novel electrogravimetric biosensors for the ultrasensitive detection of plasma matrix metalloproteinase-2 considered a potential tumor biomarker. <i>Analytica Chimica Acta</i> , 2022, 1191, 339290.	2.6	7
3320	Periodontal pathogens as a risk factor for oral squamous cell carcinoma. <i>Opuholi Golovy I Sei</i> , 2021, 11, 83-93.	0.1	2
3321	HOTAIR Modulated Pathways in Early-Stage Breast Cancer Progression. <i>Frontiers in Oncology</i> , 2021, 11, 783211.	1.3	14
3322	Insights Into the Regulation of Gynecological Inflammation-Mediated Malignancy by Metalloproteinases. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 780510.	1.8	2
3323	Liver fibrosis promotes immunity escape but limits the size of liver tumor in a rat orthotopic transplantation model. <i>Scientific Reports</i> , 2021, 11, 22846.	1.6	1
3324	Matrix metalloproteinase 11 (MMP11) in macrophages promotes the migration of HER2-positive breast cancer cells and monocyte recruitment through CCL2â€‘CCR2 signaling. <i>Laboratory Investigation</i> , 2022, 102, 376-390.	1.7	24
3325	<i>Fusobacterium nucleatum</i> and oral cancer: a critical review. <i>BMC Cancer</i> , 2021, 21, 1212.	1.1	50
3326	Differential Modulation of Matrix Metalloproteinases-2 and -7 in LAM/TSC Cells. <i>Biomedicines</i> , 2021, 9, 1760.	1.4	4
3327	Targeting hypoxia and hypoxiaâ€‘inducible factorâ€‘1 in the tumor microenvironment for optimal cancer immunotherapy. <i>Journal of Cellular Physiology</i> , 2022, 237, 1285-1298.	2.0	20
3328	The Role of the Tumor Microenvironment and Treatment Strategies in Colorectal Cancer. <i>Frontiers in Immunology</i> , 2021, 12, 792691.	2.2	39
3329	Tumor microenvironment based stimuli-responsive CRISPR/Cas delivery systems: A viable platform for interventional approaches. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 210, 112257.	2.5	9
3330	A Multivariateâ€‘Gated DNA Nanodevice for Spatioselective Imaging of Proâ€‘metastatic Targets in Extracellular Microenvironment. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	23
3331	A Multivariateâ€‘Gated DNA Nanodevice for Spatioselective Imaging of Proâ€‘metastatic Targets in Extracellular Microenvironment. <i>Angewandte Chemie</i> , 0, , .	1.6	3
3333	External stimuli-responsive nanomedicine for cancer immunotherapy. , 2021, , .		0
3335	3D bioprinted tumor model with extracellular matrix enhanced bioinks for nanoparticle evaluation. <i>Biofabrication</i> , 2022, 14, 025002.	3.7	18
3336	A tumor-specific pro-IL-12 activates preexisting cytotoxic T cells to control established tumors. <i>Science Immunology</i> , 2022, 7, eabi6899.	5.6	36
3337	Curcumin encapsulation in functional PLGA nanoparticles: A promising strategy for cancer therapies. <i>Advances in Colloid and Interface Science</i> , 2022, 300, 102582.	7.0	40
3338	Cancer metastasis may increase COVID-19 mortality: Suitable targets required to impede cancer metastasis. <i>Journal of Infection and Public Health</i> , 2022, 15, 153-155.	1.9	6

#	ARTICLE	IF	CITATIONS
3339	Pegylated liposomal encapsulation improves the antitumor efficacy of combretastatin A4 in murine 4T1 triple-negative breast cancer model. <i>International Journal of Pharmaceutics</i> , 2022, 613, 121396.	2.6	19
3340	Changes in the expression of membrane type-matrix metalloproteinases genes (MMP14, MMP15, MMP16,) Tj ETQq1 1 0.784314 rgB // lung cancer (NSCLC). <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112559.	2.5	2
3341	Silencing glioma-associated oncogene homolog 1 suppresses the migration and invasion of hepatocellular carcinoma <i>in vitro</i> . <i>Oncology Letters</i> , 2020, 20, 1-1.	0.8	1
3342	Prognostic role of matrix metalloproteinase-9 in early breast cancer. <i>Oncology Letters</i> , 2020, 21, 78.	0.8	7
3343	Visual analysis on the research of monocarboxylate transporters based on CiteSpace. <i>Medicine (United States)</i> , 2021, 100, e27466.	0.4	3
3344	Simulation and <i>in vivo</i> experimentation predict <i>scp</i> AdamTS location of function during caudal visceral mesoderm migration in <i>Drosophila</i> . <i>Developmental Dynamics</i> , 2022, 251, 1123-1137.	0.8	3
3345	Self-Assembled Nanoparticles for Tumor-Triggered Targeting Dual-Mode NIRF/MR Imaging and Photodynamic Therapy Applications. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 880-892.	2.6	8
3346	Engineering interferons and interleukins for cancer immunotherapy. <i>Advanced Drug Delivery Reviews</i> , 2022, 182, 114112.	6.6	54
3347	Fos regulates macrophage infiltration against surrounding tissue resistance by a cortical actin-based mechanism in <i>Drosophila</i> . <i>PLoS Biology</i> , 2022, 20, e3001494.	2.6	12
3348	Landscape Analysis of Matrix Metalloproteinases Unveils Key Prognostic Markers for Patients With Breast Cancer. <i>Frontiers in Genetics</i> , 2021, 12, 809600.	1.1	16
3349	Piwi-interacting RNAs (piRNAs) and Colorectal Carcinoma: Emerging Non-invasive diagnostic Biomarkers with Potential Therapeutic Target Based Clinical Implications. <i>Current Molecular Medicine</i> , 2023, 23, 300-311.	0.6	4
3350	Peroxidasin Deficiency Re-programs Macrophages Toward Pro-fibrosis Function and Promotes Collagen Resolution in Liver. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 1483-1509.	2.3	9
3351	Research Advances in Antitumor Mechanism of Evodiamine. <i>Journal of Chemistry</i> , 2022, 2022, 1-12.	0.9	2
3352	Broussoin and β -mediated inhibition of angiogenesis by blockade of VEGFR2 signalling pathways and integrin $\beta 1$ expression. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 1194-1205.	1.6	1
3353	CO2 pneumoperitoneum effects on proliferation and apoptosis in two different neuroblastoma cell lines. <i>Pediatric Surgery International</i> , 2022, 38, 457-464.	0.6	0
3355	Effects of Propofol Versus Sevoflurane on Postoperative Breast Cancer Prognosis: A Narrative Review. <i>Frontiers in Oncology</i> , 2021, 11, 793093.	1.3	2
3356	Cellular architecture of human brain metastases. <i>Cell</i> , 2022, 185, 729-745.e20.	13.5	69
3357	Peptide Assembled in a Nano-confined Space as a Molecular Rectifier for the Availability of Ionic Current Modulation. <i>Nano Letters</i> , 2022, 22, 1083-1090.	4.5	14

#	ARTICLE	IF	CITATIONS
3358	Magnetic Compression of Tumor Spheroids Increases Cell Proliferation In Vitro and Cancer Progression In Vivo. <i>Cancers</i> , 2022, 14, 366.	1.7	9
3359	Insights into the Role of Gremlin-1, a Bone Morphogenic Protein Antagonist, in Cancer Initiation and Progression. <i>Biomedicines</i> , 2022, 10, 301.	1.4	5
3360	Validating Cell Surface Proteases as Drug Targets for Cancer Therapy: What Do We Know, and Where Do We Go?. <i>Cancers</i> , 2022, 14, 624.	1.7	10
3361	Caught in a Web: Emerging Roles of Neutrophil Extracellular Traps in Cancer. <i>Annual Review of Cancer Biology</i> , 2022, 6, 223-243.	2.3	5
3362	Inflammation and Myeloid Cells in Cancer Progression and Metastasis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 759691.	1.8	12
3363	Development and Validation of a Pyroptosis-Related Signature for Predicting Prognosis in Hepatocellular Carcinoma. <i>Frontiers in Genetics</i> , 2022, 13, 801419.	1.1	7
3364	Engineering of tissue inhibitor of metalloproteinases TIMP-1 for fine discrimination between closely related stromelysins MMP-3 and MMP-10. <i>Journal of Biological Chemistry</i> , 2022, 298, 101654.	1.6	13
3365	Acid-Degradable Hydrogen-Generating Metal-Organic Framework for Overcoming Cancer Resistance/Metastasis and Off-Target Side Effects. <i>Advanced Science</i> , 2022, 9, e2101965.	5.6	40
3366	Genetic Modifications That Expand Oncolytic Virus Potency. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 831091.	1.6	11
3367	The Role of Tumor Microenvironment in the Pathogenesis of SÃ©zary Syndrome. <i>International Journal of Molecular Sciences</i> , 2022, 23, 936.	1.8	6
3368	Plasmatic MMP9 released from tumor-infiltrating neutrophils is predictive for bevacizumab efficacy in glioblastoma patients: an AVAglio ancillary study. <i>Acta Neuropathologica Communications</i> , 2022, 10, 1.	2.4	28
3369	Elevated expression of CDKN1A-interacting zinc finger protein 1 in intimal hyperplasia after endovascular arterial injury. <i>International Journal of Transgender Health</i> , 2022, 15, 95-104.	1.1	0
3370	NGAL/MMP-9 as a biomarker for epithelial ovarian cancer: A case-control diagnostic accuracy study. <i>Saudi Journal of Medicine and Medical Sciences</i> , 2022, 10, 25.	0.3	2
3371	A gradient tree boosting and network propagation derived pan-cancer survival network of the tumor microenvironment. <i>IScience</i> , 2022, 25, 103617.	1.9	4
3372	Uncovering mediators of collagen degradation in the tumor microenvironment. <i>Matrix Biology Plus</i> , 2022, 13, 100101.	1.9	17
3373	Redox State and Gene Regulation in Breast Cancer. , 2022, , 1461-1480.		0
3374	Downregulation of metallothionein 2A reduces migration, invasion and proliferation activities in human squamous cell carcinoma cells. <i>Molecular Biology Reports</i> , 2022, 49, 3665-3674.	1.0	5
3375	Tumour microenvironment and heterotypic interactions in pancreatic cancer. <i>Journal of Physiology and Biochemistry</i> , 2022, , 1.	1.3	5

#	ARTICLE	IF	CITATIONS
3376	Quantifying the heterogeneity of enzymatic dePEGylation of liposomal nanocarrier systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 171, 80-89.	2.0	6
3377	SAHA induce hippo pathway in CCA cells without increasing cell proliferation. <i>Molecular Biology Reports</i> , 2022, 49, 3649-3656.	1.0	1
3378	Dual-responsive nanodroplets combined with ultrasound-targeted microbubble destruction suppress tumor growth and metastasis via autophagy blockade. <i>Journal of Controlled Release</i> , 2022, 343, 66-77.	4.8	18
3379	Kruppel-like factor 2 acts as a tumor suppressor in human retinoblastoma. <i>Experimental Eye Research</i> , 2022, 216, 108955.	1.2	7
3380	Advances in ADAMTS biomarkers. <i>Advances in Clinical Chemistry</i> , 2022, 106, 1-32.	1.8	1
3381	RIOK1 is associated with non-small cell lung cancer clinical characters and contributes to cancer progression. <i>Journal of Cancer</i> , 2022, 13, 1289-1298.	1.2	5
3382	Cold Atmospheric Plasma Does Not Affect Stellate Cells Phenotype in Pancreatic Cancer Tissue in Ovo. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1954.	1.8	15
3383	SETD2 loss perturbs the kidney cancer epigenetic landscape to promote metastasis and engenders actionable dependencies on histone chaperone complexes. <i>Nature Cancer</i> , 2022, 3, 188-202.	5.7	26
3384	The critical role of Toll-like receptor-mediated signaling in cancer immunotherapy. <i>Medicine in Drug Discovery</i> , 2022, 14, 100122.	2.3	30
3385	Angiogenin and MMP-2 as potential biomarkers in the differential diagnosis of gestational trophoblastic diseases. <i>Medicine (United States)</i> , 2022, 101, e28768.	0.4	4
3386	The collagenase of the bacterium <i>Clostridium histolyticum</i> does not favor metastasis of breast cancer. <i>Breast Cancer</i> , 2022, 29, 599-609.	1.3	2
3387	MicroRNA-375-3p Suppresses Upper Tract Urothelial Carcinoma Cell Migration and Invasion via Targeting Derlin-1. <i>Cancers</i> , 2022, 14, 880.	1.7	2
3388	M2 phenotype tumour-associated macrophages upregulate the expression of prognostic predictors MMP14 and INHBA in pancreatic cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 1540-1555.	1.6	10
3389	Dental and Orthopaedic Implant Loosening: Overlap in Gene Expression Regulation. <i>Frontiers in Immunology</i> , 2022, 13, 820843.	2.2	2
3390	Angiogenic biomolecules specific nanobodies application in cancer imaging and therapy; review and updates. <i>International Immunopharmacology</i> , 2022, 105, 108585.	1.7	2
3391	Nano-enabled Tumor Systematic Energy Exhaustion via Zinc (II) Interference Mediated Glycolysis Inhibition and Specific GLUT1 Depletion. <i>Advanced Science</i> , 2022, 9, e2103534.	5.6	53
3392	The Important Role of Endothelium and Extracellular Vesicles in the Cellular Mechanism of Aortic Aneurysm Formation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13157.	1.8	10
3393	Liver cancer: the tumor microenvironment and associated pathways. , 2022, , 59-81.		0

#	ARTICLE	IF	CITATIONS
3394	A ratiometric fluorescent probe based on peptide modified MnFe ₂ O ₄ nanoparticles for matrix metalloproteinase-7 activity detection <i>in vitro</i> and <i>in vivo</i> . <i>Analyst</i> , 2022, 147, 1581-1588.	1.7	6
3395	Tumor-Associated Macrophages Facilitate the Proliferation and Migration of Cervical Cancer Cells. <i>Oncologie</i> , 2022, 24, 147-161.	0.2	1
3396	Role of genetic insights and tumor microenvironment in liver cancer: new opportunities for gene therapy. , 2022, , 293-310.		0
3397	Enzyme-responsive strategy as a prospective cue to construct intelligent biomaterials for disease diagnosis and therapy. <i>Biomaterials Science</i> , 2022, 10, 1883-1903.	2.6	24
3398	Stimulus-responsive self-assembled prodrugs in cancer therapy. <i>Chemical Science</i> , 2022, 13, 4239-4269.	3.7	48
3399	The Impact of Obesity, Adipose Tissue, and Tumor Microenvironment on Macrophage Polarization and Metastasis. <i>Biology</i> , 2022, 11, 339.	1.3	16
3401	Cell Culture in Microfluidic Droplets. <i>Chemical Reviews</i> , 2022, 122, 7061-7096.	23.0	56
3402	Cathepsin F and Fibulin-1 as novel diagnostic biomarkers for brain metastasis of non-small cell lung cancer. <i>British Journal of Cancer</i> , 2022, 126, 1795-1805.	2.9	11
3403	Phytochemical Profiling and Assessment of Anticancer Activity of <i>Leptocarpha rivularis</i> Extracts Obtained from In Vitro Cultures. <i>Plants</i> , 2022, 11, 546.	1.6	1
3404	Treatment with Light-Emitting Diodes of Wavelength 863 nm Delays DMBA/TPA-Induced Skin Tumor Formation and Decreases Proinflammatory Cytokine Levels in ICR Mice. <i>BioMed Research International</i> , 2022, 2022, 1-10.	0.9	2
3405	Single-cell RNA sequencing reveals the cell types heterogeneity of human discoid lateral meniscus cells. <i>Journal of Cellular Physiology</i> , 2022, 237, 2469-2477.	2.0	11
3406	A Paradoxical Effect of Interleukin-32 Isoforms on Cancer. <i>Frontiers in Immunology</i> , 2022, 13, 837590.	2.2	7
3407	Use of "Repurposed" Drugs in the Treatment of Epithelial Ovarian Cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2022, 45, 168-174.	0.6	4
3408	Comprehensive Analysis of Prognostic Value and Immune Infiltration of MMP12 in Esophageal Squamous Cell Carcinoma. <i>Journal of Oncology</i> , 2022, 2022, 1-11.	0.6	2
3409	Targetable Pathways in the Treatment of Retroperitoneal Liposarcoma. <i>Cancers</i> , 2022, 14, 1362.	1.7	11
3410	Mechanistic insights into the interplays between neutrophils and other immune cells in cancer development and progression. <i>Cancer and Metastasis Reviews</i> , 2022, 41, 405-432.	2.7	19
3411	Potential Antioxidant and Antiphotaging Effects of <i>Fagopyrum esculentum</i> Honey on Human Dermal Fibroblasts. <i>Asian Journal of Beauty and Cosmetology</i> , 2022, 20, 43-58.	0.2	0
3412	Challenges of the Immunotherapy: Perspectives and Limitations of the Immune Checkpoint Inhibitor Treatment. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2847.	1.8	19

#	ARTICLE	IF	CITATIONS
3413	Remodeling the tumor microenvironment via blockade of LAIR-1 and TGF- β ² signaling enables PD-L1-mediated tumor eradication. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	50
3414	Chemical Design of Activatable Photoacoustic Probes for Precise Biomedical Applications. <i>Chemical Reviews</i> , 2022, 122, 6850-6918.	23.0	94
3415	Modification of Lipid-Based Nanoparticles: An Efficient Delivery System for Nucleic Acid-Based Immunotherapy. <i>Molecules</i> , 2022, 27, 1943.	1.7	22
3416	Properties and fate of human mesenchymal stem cells upon miRNA let-7f-promoted recruitment to atherosclerotic plaques. <i>Cardiovascular Research</i> , 2023, 119, 155-166.	1.8	2
3417	Promalignant effects of antiangiogenics in the tumor microenvironment. <i>Seminars in Cancer Biology</i> , 2022, 86, 199-206.	4.3	3
3418	Effects of lysophosphatidic acid (LPA) signaling via LPA receptors on cellular functions associated with ATP reduction in osteosarcoma cells treated with ethidium bromide. <i>Journal of Bioenergetics and Biomembranes</i> , 2022, 54, 109-117.	1.0	3
3419	Laser induced fluorescence of cervical tissues: an in-vitro study for the diagnosis of cervical cancer from the cervicitis. <i>Journal of Optics (United Kingdom)</i> , 2022, 24, 054002.	1.0	7
3420	Targeting type I collagen for cancer treatment. <i>International Journal of Cancer</i> , 2022, 151, 665-683.	2.3	20
3421	The oncogenic landscape of the idiopathic pulmonary fibrosis: a narrative review. <i>Translational Lung Cancer Research</i> , 2022, 11, 472-496.	1.3	8
3422	Urinary detection of early responses to checkpoint blockade and of resistance to it via protease-cleaved antibody-conjugated sensors. <i>Nature Biomedical Engineering</i> , 2022, 6, 310-324.	11.6	16
3423	Tumor-Educated Platelets as a Promising Biomarker for Blood-Based Detection of Renal Cell Carcinoma. <i>Frontiers in Oncology</i> , 2022, 12, 844520.	1.3	9
3424	The impact of VEGF on cancer metastasis and systemic disease. <i>Seminars in Cancer Biology</i> , 2022, 86, 251-261.	4.3	73
3425	Î±-Hederin inhibits the platelet activating factor-induced metastasis of HCC cells through disruption of PAF/PTAFR axis cascaded STAT3/MMP-2 expression. <i>Pharmacological Research</i> , 2022, 178, 106180.	3.1	12
3426	Kinetochores-associated protein 1 promotes the invasion and tumorigenicity of cervical cancer cells via matrix metalloproteinase-2 and matrix metalloproteinase-9. <i>Bioengineered</i> , 2022, 13, 9495-9507.	1.4	3
3427	Metal-organic framework-encapsulated micellar silver nanoparticles for tumor microenvironment-adaptive electrochemical determination of matrix metalloproteinase-2. <i>Electrochimica Acta</i> , 2022, 411, 140100.	2.6	3
3428	Dual Relationship Between Stromal Cells and Immune Cells in the Tumor Microenvironment. <i>Frontiers in Immunology</i> , 2022, 13, 864739.	2.2	40
3429	Cell Trafficking at the Intersection of the Tumor-Immune Compartments. <i>Annual Review of Biomedical Engineering</i> , 2022, 24, 275-305.	5.7	9
3430	Matrikines as mediators of tissue remodelling. <i>Advanced Drug Delivery Reviews</i> , 2022, 185, 114240.	6.6	24

#	ARTICLE	IF	CITATIONS
3431	Human papilloma virus (HPV) and prostate cancer (PCa): The potential role of HPV gene expression and selected cellular MiRNAs in PCa development. <i>Microbial Pathogenesis</i> , 2022, 166, 105503.	1.3	10
3432	Germline Variants in Angiogenesis-Related Genes Contribute to Clinical Outcome in Head and Neck Squamous Cell Carcinoma. <i>Cancers</i> , 2022, 14, 1844.	1.7	4
3433	Role of macrophages in tumor progression and therapy (Review). <i>International Journal of Oncology</i> , 2022, 60, .	1.4	24
3434	Elevated matrix metalloproteinase 9 supports peripheral nerve regeneration via promoting Schwann cell migration. <i>Experimental Neurology</i> , 2022, 352, 114020.	2.0	3
3435	In situ ratiometric SERS imaging of intracellular protease activity for subtype discrimination of human breast cancer. <i>Biosensors and Bioelectronics</i> , 2022, 207, 114194.	5.3	17
3436	GC-MS Profiling and Antifungal Activity of Secondary Metabolite from Endophytic Fungus of Giloy. <i>Biosciences, Biotechnology Research Asia</i> , 2021, 18, 651-659.	0.2	1
3437	Bacteriophages as Solid Tumor Theragnostic Agents. <i>International Journal of Molecular Sciences</i> , 2022, 23, 402.	1.8	17
3438	Î±-zingiberene, a sesquiterpene from essential oil from leaves of <i>Casearia sylvestris</i> , suppresses inflammatory angiogenesis and stimulates collagen deposition in subcutaneous implants in mice. <i>Natural Product Research</i> , 2022, 36, 5858-5862.	1.0	10
3440	Matrix metalloproteinase 12 is an independent prognostic factor predicting postoperative relapse of conventional renal cell carcinoma - a short report. <i>Cellular Oncology (Dordrecht)</i> , 2022, 45, 193-198.	2.1	3
3441	HSP90 as a regulator of extracellular matrix dynamics. <i>Biochemical Society Transactions</i> , 2021, 49, 2611-2625.	1.6	13
3442	Current hydrogel advances in physicochemical and biological response-driven biomedical application diversity. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 426.	7.1	274
3443	Randomized, open-label, phase 2 study of andeciximab plus nivolumab versus nivolumab alone in advanced gastric cancer identifies biomarkers associated with survival. , 2021, 9, e003580.		20
3444	Matrix Metalloproteinases Shape the Tumor Microenvironment in Cancer Progression. <i>International Journal of Molecular Sciences</i> , 2022, 23, 146.	1.8	125
3445	Neutrophil Extracellular Traps (NETs) in Cancer Metastasis. <i>Cancers</i> , 2021, 13, 6131.	1.7	28
3446	Cascade-Responsive Hierarchical Nanosystems for Multisite Specific Drug Exposure and Boosted Chemoimmunotherapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 58319-58328.	4.0	16
3447	Nanomedicine in Hepatocellular Carcinoma: A New Frontier in Targeted Cancer Treatment. <i>Pharmaceutics</i> , 2022, 14, 41.	2.0	27
3448	CLDN6: From Traditional Barrier Function to Emerging Roles in Cancers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13416.	1.8	16
3449	Biosynthesis Pathways, Transport Mechanisms and Biotechnological Applications of Fungal Siderophores. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 21.	1.5	18

#	ARTICLE	IF	CITATIONS
3450	Host Genetic Associations with Salivary Microbiome in Oral Cancer. <i>Journal of Dental Research</i> , 2022, 101, 590-598.	2.5	12
3451	Cancer cell development, migratory response, and the role of the tumor microenvironment in invasion and metastasis. , 2022, , 245-270.		0
3452	Construction of a Magnetic-Fluorescent-Plasmonic Nanosensor for the Determination of Mmp-2 Activity Based on Sers-Fluorescence Dual-Mode Signals. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
3453	Serum-based measurements of stromal activation through ADAM12 associate with poor prognosis in colorectal cancer. <i>BMC Cancer</i> , 2022, 22, 394.	1.1	7
3454	Mechanically activated ion channel Piezo1 contributes to melanoma malignant progression through AKT/mTOR signaling. <i>Cancer Biology and Therapy</i> , 2022, 23, 336-347.	1.5	10
3455	CircSEC24A (hsa_circ_0003528) interference suppresses epithelial-mesenchymal transition of hepatocellular carcinoma cells via miR-421/MMP3 axis. <i>Bioengineered</i> , 2022, 13, 9050-9063.	1.4	6
3456	Molecular Pathogenesis of Sporadic Desmoid Tumours and Its Implications for Novel Therapies: A Systematised Narrative Review. <i>Targeted Oncology</i> , 2022, 17, 223-252.	1.7	3
3457	Targeting the interplay between MMP-2, CA II and VEGFR-2 via new sulfonamide-tethered isomeric triazole hybrids; Microwave-assisted synthesis, computational studies and evaluation. <i>Bioorganic Chemistry</i> , 2022, 124, 105816.	2.0	10
3458	Another wrinkle with age: Aged collagen and intraâ€peritoneal metastasis of ovarian cancer. <i>Aging and Cancer</i> , 0, , .	0.5	2
3459	Unravelling the distinct biological functions and potential therapeutic applications of TIMP2 in cancer. <i>Carcinogenesis</i> , 2022, 43, 405-418.	1.3	17
3460	Diffuse Large B-Cell Lymphoma Promotes Endothelial-to-Mesenchymal Transition via WNT10A/Beta-Catenin/Snail Signaling. <i>Frontiers in Oncology</i> , 2022, 12, 871788.	1.3	1
3461	Improved tenderness of beef from bulls supplemented with active dry yeast is related to matrix metalloproteinases and reduced oxidative stress. <i>Animal</i> , 2022, 16, 100517.	1.3	5
3462	Assessing proteolytic events in bioinformatic reanalysis of public secretome data from melanoma cell lines. <i>Biochemistry and Biophysics Reports</i> , 2022, 30, 101259.	0.7	1
3463	The highly effective therapy of ovarian cancer by Bismuth-doped oxygen-deficient BaTiO3 with enhanced sono-piezocatalytic effects. <i>Chemical Engineering Journal</i> , 2022, 442, 136380.	6.6	27
3500	Contribution of proteases to the hallmarks of aging and to ageâ€related neurodegeneration. <i>Aging Cell</i> , 2022, 21, e13603.	3.0	19
3501	Circulating cell free DNA and citrullinated histone H3 as useful biomarkers of NETosis in endometrial cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 151.	3.5	16
3502	The low density lipoprotein receptor-related protein (LRP) 1 and its function in lung diseases. <i>Histology and Histopathology</i> , 2016, 31, 733-45.	0.5	7
3507	Decellularization of tumours: A new frontier in tissue engineering. <i>Journal of Tissue Engineering</i> , 2022, 13, 204173142210916.	2.3	13

#	ARTICLE	IF	CITATIONS
3508	Downregulation of MTAP promotes Tumor Growth and Metastasis by regulating ODC Activity in Breast Cancer. <i>International Journal of Biological Sciences</i> , 2022, 18, 3034-3047.	2.6	9
3509	âŸ°ä°ŽPNAçš,,ç”Ÿç%©ä¼æ,,Ÿæš€æœ¬æœ€æ–ç”ç©Ÿèž>â±•. <i>Scientia Sinica Chimica</i> , 2022, , .	0.2	0
3510	Epidemiological Evidence Between Variants in Matrix Metalloproteinases-2, -7, and -9 and Cancer Risk. <i>Frontiers in Oncology</i> , 2022, 12, 856831.	1.3	8
3511	MMP-2 and MMP-9 gene polymorphisms and risk of head and neck carcinomas. <i>Romanian Journal of Laboratory Medicine</i> , 2022, 30, 163-171.	0.1	0
3512	Systematic molecular analysis of the human secretome and membrane proteome in gastrointestinal adenocarcinomas. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 3329-3342.	1.6	4
3513	MBD3 promotes hepatocellular carcinoma progression and metastasis through negative regulation of tumour suppressor TFPI2. <i>British Journal of Cancer</i> , 2022, 127, 612-623.	2.9	9
3514	Extracellular matrix in cancer progression and therapy. <i>Medical Review</i> , 2022, 2, 125-139.	0.3	10
3515	Resveratrol Decreases the Invasion Potential of Gastric Cancer Cells. <i>Molecules</i> , 2022, 27, 3047.	1.7	9
3516	Current trends of targeted therapy for oral squamous cell carcinoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022, 148, 2169-2186.	1.2	23
3517	RNA Binding Motif Protein 3 Promotes Cell Metastasis and Epithelialâ€Mesenchymal Transition Through STAT3 Signaling Pathway in Hepatocellular Carcinoma. <i>Journal of Hepatocellular Carcinoma</i> , 2022, Volume 9, 405-422.	1.8	6
3518	Tumor microenvironment heterogeneity an important mediator of prostate cancer progression and therapeutic resistance. <i>Npj Precision Oncology</i> , 2022, 6, 31.	2.3	37
3519	Tumor Stroma Ratio and Its Significance in Locally Advanced Colorectal Cancer. <i>Current Oncology</i> , 2022, 29, 3232-3241.	0.9	10
3520	(Dis)similarities between the Decidual and Tumor Microenvironment. <i>Biomedicines</i> , 2022, 10, 1065.	1.4	11
3521	The interaction between ETS transcription factor family members and microRNAs: A novel approach to cancer therapy. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 113069.	2.5	2
3522	Selenium and tellurium in the development of novel small molecules and nanoparticles as cancer multidrug resistance reversal agents. <i>Drug Resistance Updates</i> , 2022, 63, 100844.	6.5	29
3523	Advances in designing of polymeric micelles for biomedical application in brain related diseases. <i>Chemico-Biological Interactions</i> , 2022, 361, 109960.	1.7	21
3524	Development and validation of apoptosisâ€related signature and molecular subtype to improve prognosis prediction in osteosarcoma patients. <i>Journal of Clinical Laboratory Analysis</i> , 2022, 36, e24501.	0.9	5
3525	Extracellular Vesicles from M1-Polarized Macrophages Combined with Hyaluronic Acid and a Î²-Blocker Potentiate Doxorubicinâ€™s Antitumor Activity by Downregulating Tumor-Associated Macrophages in Breast Cancer. <i>Pharmaceutics</i> , 2022, 14, 1068.	2.0	11

#	ARTICLE	IF	CITATIONS
3526	Identification of a novel therapeutic target underlying atypical manifestation of Gaucher disease. <i>Clinical and Translational Medicine</i> , 2022, 12, e862.	1.7	5
3527	The potential role of N7-methylguanosine (m7G) in cancer. <i>Journal of Hematology and Oncology</i> , 2022, 15, 63.	6.9	94
3528	Therapeutic potential of traditional Chinese medicine for vascular endothelial growth factor. <i>Journal of Zhejiang University: Science B</i> , 2022, 23, 353-364.	1.3	2
3529	Advances and Challenges in the Investigation of Metastasis in Diffuse Large B-Cell Lymphoma. <i>Mini-Reviews in Medicinal Chemistry</i> , 2022, 22, .	1.1	0
3530	Anti-angiogenic therapy in ovarian cancer: current situation & prospects. <i>Indian Journal of Medical Research</i> , 2021, 154, 680.	0.4	1
3531	Immune cell responses in pancreatic cancer and their clinical application. <i>European Journal of Inflammation</i> , 2022, 20, 205873922110443.	0.2	2
3532	Functional Mechanism of Ginsenoside Compound K on Tumor Growth and Metastasis. <i>Integrative Cancer Therapies</i> , 2022, 21, 153473542211012.	0.8	15
3533	Cancer-associated fibroblasts in nonsmall cell lung cancer: From molecular mechanisms to clinical implications. <i>International Journal of Cancer</i> , 2022, 151, 1195-1215.	2.3	15
3534	Revisiting laminin and extracellular matrix remodeling in metastatic squamous cell carcinoma: What have we learned after more than four decades of research?. <i>Molecular Carcinogenesis</i> , 2023, 62, 5-23.	1.3	1
3535	A Journey on Extracellular Vesicles for Matrix Metalloproteinases: A Mechanistic Perspective. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	1.8	5
3537	Emerging innovations in cold plasma therapy against cancer: A paradigm shift. <i>Drug Discovery Today</i> , 2022, 27, 2425-2439.	3.2	12
3538	Overcoming immunotherapeutic resistance in PDAC: SIRP α -CD47 blockade. <i>Pharmacological Research</i> , 2022, 181, 106264.	3.1	4
3539	Anti-tumor and immunomodulation activity of polysaccharides from <i>Dendrobium officinale</i> in S180 tumor-bearing mice. <i>Journal of Functional Foods</i> , 2022, 94, 105105.	1.6	10
3540	Construction of a magnetic-fluorescent-plasmonic nanosensor for the determination of MMP-2 activity based on SERS-fluorescence dual-mode signals. <i>Biosensors and Bioelectronics</i> , 2022, 212, 114389.	5.3	28
3541	Natural-Derived COX-2 Inhibitors as Anticancer Drugs: A Review of their Structural Diversity and Mechanism of Action. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2023, 23, 15-36.	0.9	2
3542	Molecular basis of melatonin protective effects in metastasis: A novel target of melatonin. <i>Biochimie</i> , 2022, 202, 15-25.	1.3	7
3543	Interplay between Solid Tumors and Tumor Microenvironment. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	16
3544	LINCing Senescence and Nuclear Envelope Changes. <i>Cells</i> , 2022, 11, 1787.	1.8	3

#	ARTICLE	IF	CITATIONS
3545	A micro-Raman spectroscopy study of inflammatory condition of human cervix: Probing of Tissues and blood plasma samples. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, , 102948.	1.3	3
3546	The Role of Indoleamine 2, 3-Dioxygenase 1 in Regulating Tumor Microenvironment. <i>Cancers</i> , 2022, 14, 2756.	1.7	9
3547	Nanotechnology and Matrix Metalloproteinases in Cancer Diagnosis and Treatment. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, .	1.6	8
3548	Particulate matter 2.5 exposure induces epithelial-mesenchymal transition via PI3K/AKT/mTOR pathway in human retinal pigment epithelial ARPE-19 cells. <i>Biochemical and Biophysical Research Communications</i> , 2022, 617, 11-17.	1.0	6
3551	Role of SNAREs in Unconventional Secretion—Focus on the VAMP7-Dependent Secretion. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	21
3552	Systematic Analysis of Actively Transcribed Core Matrisome Genes Across Tissues and Cell Phenotypes. <i>Matrix Biology</i> , 2022, 111, 95-107.	1.5	6
3553	Downregulation of ROBO4 in Pancreatic Cancer Serves as a Biomarker of Poor Prognosis and Indicates Increased Cell Motility and Proliferation Through Activation of MMP-9. <i>Annals of Surgical Oncology</i> , 0, , .	0.7	1
3554	relationship between cellular mediators (IL-1 β , IFN γ , MMP-9) in Iraqi women with breast cancer. <i>International Journal of Health Sciences</i> , 0, , 1460-1474.	0.0	0
3555	Bisdemethoxycurcumin suppresses human brain glioblastoma multiforme (GBM) cell migration and invasion via affecting NF κ B and MMP-2 and MMP-9 signaling pathway in vitro. <i>Environmental Toxicology</i> , 2022, 37, 2388-2397.	2.1	9
3556	A compound formulation of EGF-modified paclitaxel micelles and EGF-modified emodin micelles enhance the therapeutic effect of ovarian cancer. <i>Journal of Liposome Research</i> , 2023, 33, 89-101.	1.5	4
3557	5-Fluorouracil Treatment of CT26 Colon Cancer Is Compromised by Combined Therapy with IMMODIN. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6374.	1.8	4
3558	First-in-Class Star-Shaped Triazine Dendrimers Endowed with MMP-9 Inhibition and VEGF Suppression Capacity: Design, Synthesis, and Anticancer Evaluation. <i>ACS Omega</i> , 2022, 7, 21131-21144.	1.6	6
3559	Regression of EGFR positive established solid tumors in mice with the conditionally active T cell engager TAK-186. , 2022, 10, e004336.		4
3560	Matrix Metalloproteinases: From Molecular Mechanisms to Physiology, Pathophysiology, and Pharmacology. <i>Pharmacological Reviews</i> , 2022, 74, 714-770.	7.1	95
3561	Dihydroxanthone I Enhances Cell Adhesion and Inhibits Cell Migration in Osteosarcoma U2 OS Cells through CD44 and Chemokine Signaling. <i>Molecules</i> , 2022, 27, 3714.	1.7	0
3563	ACLP promotes activation of cancer-associated fibroblasts and tumor metastasis via ACLP-PPAR β -ACLP feedback loop in pancreatic cancer. <i>Cancer Letters</i> , 2022, 544, 215802.	3.2	14
3564	CAR T Cell Locomotion in Solid Tumor Microenvironment. <i>Cells</i> , 2022, 11, 1974.	1.8	15
3565	Intra- and Peritumoral Radiomics Model Based on Early DCE-MRI for Preoperative Prediction of Molecular Subtypes in Invasive Ductal Breast Carcinoma: A Multitask Machine Learning Study. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	5

#	ARTICLE	IF	CITATIONS
3566	UVB Drives Metabolic Rewiring and Epigenetic Reprogramming and Protection by Sulforaphane in Human Skin Keratinocytes. <i>Chemical Research in Toxicology</i> , 2022, 35, 1220-1233.	1.7	8
3567	Molecular Mechanisms and Potential Rationale of Immunotherapy in Peritoneal Metastasis of Advanced Gastric Cancer. <i>Biomedicines</i> , 2022, 10, 1376.	1.4	8
3568	Stimuli-responsive metal nanoclusters for targeted drug and gene delivery and their biomedical applications. , 2022, , 517-536.		0
3569	Syntaxin 7 contributes to breast cancer cell invasion by promoting invadopodia formation. <i>Journal of Cell Science</i> , 2022, 135, .	1.2	3
3570	A phase 1b study of andeciximab in combination with S-1 plus platinum in Japanese patients with gastric adenocarcinoma. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
3571	Extracellular Hsp90 α Supports the ePKM2-GRP78-AKT Axis to Promote Tumor Metastasis. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	1
3572	Sanguinarine Regulates Tumor-Associated Macrophages to Prevent Lung Cancer Angiogenesis Through the WNT/ β -Catenin Pathway. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	12
3573	Enhancing adoptive T cell therapy with fucoidan-based IL-2 delivery microcapsules. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	3.9	4
3574	A Protease Activatable Interleukin-2 Fusion Protein Engenders Antitumor Immune Responses by Interferon Gamma-Dependent and Interferon Gamma-Independent Mechanisms. <i>Journal of Interferon and Cytokine Research</i> , 2022, 42, 316-328.	0.5	1
3575	The role of the tumor microenvironment in colorectal cancer and the potential therapeutic approaches. <i>Journal of Clinical Laboratory Analysis</i> , 2022, 36, .	0.9	13
3576	Suppressive Effects of <i>Siegesbeckia orientalis</i> Ethanolic Extract on Proliferation and Migration of Hepatocellular Carcinoma Cells through Promoting Oxidative Stress, Apoptosis and Inflammatory Responses. <i>Pharmaceuticals</i> , 2022, 15, 826.	1.7	1
3577	An Intratumor Heterogeneity-Related Signature for Predicting Prognosis, Immune Landscape, and Chemotherapy Response in Colon Adenocarcinoma. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	0
3578	Cardiac Mast Cells: A Two-Head Regulator in Cardiac Homeostasis and Pathogenesis Following Injury. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
3580	Are We Ready to Implement Molecular Subtyping of Bladder Cancer in Clinical Practice? Part 1: General Issues and Marker Expression. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7819.	1.8	7
3581	Tumor specificity of WNT ligands and receptors reveals universal squamous cell carcinoma oncogenes. <i>BMC Cancer</i> , 2022, 22, .	1.1	3
3582	Impact of Polypyridyl Ru Complexes on Angiogenesis: Contribution to Their Antimetastatic Activity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7708.	1.8	2
3583	Tumor extracellular matrix modulating strategies for enhanced antitumor therapy of nanomedicines. <i>Materials Today Bio</i> , 2022, 16, 100364.	2.6	12
3585	Autocrine pro-legumain promotes breast cancer metastasis via binding to integrin α ν β 3. <i>Oncogene</i> , 2022, 41, 4091-4103.	2.6	6

#	ARTICLE	IF	CITATIONS
3586	Small-Molecule Quenchers for Förster Resonance Energy Transfer: Structure, Mechanism, and Applications. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2
3587	Mapping the single-cell landscape of acral melanoma and analysis of the molecular regulatory network of the tumor microenvironments. <i>ELife</i> , 0, 11, .	2.8	10
3588	Zirconium Oxide Supported Silver Nanocomposites: Synthesis, Characterization and in Vitro Evaluation of Anticancer, Antioxidant, Antibacterial Applications. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
3589	Restoring the Angiogenic Capacity of the Human Diabetic Adipose Derived Stem Cells Primed with Deferoxamine as a Hypoxia Mimetic Agent: Role of HIF-1 α . <i>Advanced Pharmaceutical Bulletin</i> , 0, , .	0.6	0
3590	The cancer-associated fibroblast-related signature predicts prognosis and indicates immune microenvironment infiltration in gastric cancer. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	16
3591	5-Aza-dC promotes T-cell acute lymphoblastic leukemia cell invasion via downregulation of DNMT1 and upregulation of MMP-2 and MMP-9. <i>Experimental Hematology</i> , 2022, 114, 43-53.e2.	0.2	2
3592	New insights into fibrosis from the ECM degradation perspective: the macrophage-MMP-ECM interaction. <i>Cell and Bioscience</i> , 2022, 12, .	2.1	35
3593	The development and validation of a novel senescence-related long-chain non-coding RNA (lncRNA) signature that predicts prognosis and the tumor microenvironment of patients with hepatocellular carcinoma. <i>Annals of Translational Medicine</i> , 2022, 10, 766-766.	0.7	4
3595	Small-Molecule Quenchers for Förster Resonance Energy Transfer: Structure, Mechanism, and Applications. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	24
3596	Autophagy: A Key Player in Pancreatic Cancer Progression and a Potential Drug Target. <i>Cancers</i> , 2022, 14, 3528.	1.7	14
3597	The Extracellular Matrix: A Key Accomplice of Cancer Stem Cell Migration, Metastasis Formation, and Drug Resistance in PDAC. <i>Cancers</i> , 2022, 14, 3998.	1.7	20
3598	Cratoxylumxanthone C, a natural xanthone, inhibits lung cancer proliferation and metastasis by regulating STAT3 and FAK signal pathways. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	5
3599	CDK5RAP3 acts as a tumour suppressor in gastric cancer through the infiltration and polarization of tumour-associated macrophages. <i>Cancer Gene Therapy</i> , 2023, 30, 22-37.	2.2	1
3600	CD44 expressed by myeloid cells promotes glioma invasion. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	7
3601	Comprehensive analysis to identify the neurotransmitter receptor-related genes as prognostic and therapeutic biomarkers in hepatocellular carcinoma. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	3
3602	Molecular determinants of peritoneal dissemination in gastric adenocarcinoma. <i>Digestive Diseases</i> , 0, , .	0.8	0
3603	Astaxanthin Inhibits Matrix Metalloproteinase Expression by Suppressing PI3K/AKT/mTOR Activation in <i>Helicobacter pylori</i> -Infected Gastric Epithelial Cells. <i>Nutrients</i> , 2022, 14, 3427.	1.7	10
3604	Initial research on the effect and mechanism of Tivozanib on pulsed dye laser induced angiogenesis. <i>Lasers in Surgery and Medicine</i> , 0, , .	1.1	1

#	ARTICLE	IF	CITATIONS
3605	Physiological Properties, Functions, and Trends in the Matrix Metalloproteinase Inhibitors in Inflammation-Mediated Human Diseases. <i>Current Medicinal Chemistry</i> , 2023, 30, 2075-2112.	1.2	8
3606	Circulating and non-circulating proteins and nucleic acids as biomarkers and therapeutic molecules in ovarian cancer. <i>Genes and Diseases</i> , 2023, 10, 1005-1018.	1.5	4
3607	Regulatory roles of fibronectin and integrin $\alpha 5$ in reorganization of the actin cytoskeleton and completion of adipogenesis. <i>Molecular Biology of the Cell</i> , 2022, 33, .	0.9	6
3608	Loss of MMP-27 Predicts Mandibular Bone Invasion in Oral Squamous Cell Carcinoma. <i>Cancers</i> , 2022, 14, 4044.	1.7	3
3609	Stimuli-responsive nanoformulations for CRISPR-Cas9 genome editing. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	4.2	13
3610	The Role of Matrix Metalloproteinase Single-Nucleotide Polymorphisms in the Clinicopathological Properties of Breast Cancer. <i>Biomedicines</i> , 2022, 10, 1891.	1.4	5
3611	Balanced control of thermogenesis by nuclear receptor corepressors in brown adipose tissue. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	3
3612	Deconvolution of tumor composition using partially available DNA methylation data. <i>BMC Bioinformatics</i> , 2022, 23, .	1.2	1
3613	FABP4 in obesity-associated carcinogenesis: Novel insights into mechanisms and therapeutic implications. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	14
3614	Checkpoint molecules on infiltrating immune cells in colorectal tumor microenvironment. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	5
3615	Induction of potassium channel regulator KCNE4 in a submandibular lymph node metastasis model. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
3616	Protective Effect of Crocin on Cadmium Induced-Overexpression of Matrix Metalloproteinases (MMPs) Gene Family in Rat Liver. <i>Current Traditional Medicine</i> , 2022, 08, .	0.1	0
3617	Comprehensive bioinformatic analysis of MMP1 in hepatocellular carcinoma and establishment of relevant prognostic model. <i>Scientific Reports</i> , 2022, 12, .	1.6	10
3619	Drug resistance in NSCLC is associated with tumor micro-environment. <i>Reproductive Biology</i> , 2022, 22, 100680.	0.9	7
3620	Integrated transcriptomics unravels implications of glycosylation-regulating signature in diagnosis, prognosis and therapeutic benefits of hepatocellular carcinoma. <i>Computers in Biology and Medicine</i> , 2022, 148, 105886.	3.9	4
3621	Matrix metalloproteinase-7 promotes chronic kidney disease progression via the induction of inflammasomes and the suppression of autophagy. <i>Biomedicine and Pharmacotherapy</i> , 2022, 154, 113565.	2.5	8
3622	Matrix metalloproteinase 3 restricts viral infection by enhancing host antiviral immunity. <i>Antiviral Research</i> , 2022, 206, 105388.	1.9	4
3623	Redox homeostasis modulation using theranostic AIE nanoparticles results in positive-feedback drug accumulation and enhanced drug penetration to combat drug-resistant cancer. <i>Materials Today Bio</i> , 2022, 16, 100396.	2.6	6

#	ARTICLE	IF	CITATIONS
3624	Tumor-associated macrophage-specific CD155 contributes to M2-phenotype transition, immunosuppression, and tumor progression in colorectal cancer. , 2022, 10, e004219.		20
3625	Bioinformatic analysis of the LCN2â€“SLC22A17â€“MMP9 network in cancer: The role of DNA methylation in the modulation of tumor microenvironment. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	6
3626	A comparative study of metastatic potentials of three different cancer stem cell models. <i>Advances in Cancer Biology Metastasis</i> , 2022, 5, 100062.	1.1	4
3627	Mechanisms underlying paclitaxel-induced neuropathic pain: Channels, inflammation and immune regulations. <i>European Journal of Pharmacology</i> , 2022, 933, 175288.	1.7	18
3628	Reshaping hypoxia and silencing CD73 via biomimetic gelatin nanotherapeutics to boost immunotherapy. <i>Journal of Controlled Release</i> , 2022, 351, 255-271.	4.8	10
3629	Overcoming challenges to enable targeting of metastatic breast cancer tumour microenvironment with nano-therapeutics: Current status and future perspectives. <i>OpenNano</i> , 2022, 8, 100083.	1.8	3
3630	Mechanobiology of solid tumors. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166555.	1.8	11
3631	Boosting doxil-based chemoimmunotherapy via reprogramming tumor-associated macrophages. <i>Chemical Engineering Journal</i> , 2023, 451, 138971.	6.6	3
3632	Effect of Inhalation Anesthetics on Tumor Metastasis. <i>Technology in Cancer Research and Treatment</i> , 2022, 21, 153303382211210.	0.8	3
3633	Recent advances in matrix metalloproteinases-responsive nanoprobe for cancer diagnosis and therapy. <i>Reviews in Analytical Chemistry</i> , 2022, 41, 198-216.	1.5	1
3634	Cancer â€“ Proteases in Progression and Metastasis. , 2022, , .		0
3635	Shaping of the Immune Landscape by Chemokine Receptors that Impacts the Clinical Outcome in Triple-Negative Breast Cancer. , 2022, , .		0
3636	A novel methylated cation channel TRPM4 inhibited colorectal cancer metastasis through Ca ²⁺ /Calpain-mediated proteolysis of FAK and suppression of PI3K/Akt/mTOR signaling pathway. <i>International Journal of Biological Sciences</i> , 2022, 18, 5575-5590.	2.6	6
3637	Role of Tumor-associated neutrophils in the breast tumor microenvironment. , 2022, , 171-194.		0
3638	Systemic Regulation of Metastatic Disease by Extracellular Vesicles and Particles. , 2022, , 9-39.		0
3639	Cell-penetrating peptides (CPPs) and peptide-drug conjugate systems (PDCs): site-specific delivery of bioactive(s) for effective breast cancer therapy. , 2022, , 509-532.		1
3640	Drug repurposing in cancer neuroscience: From the viewpoint of the autophagy-mediated innervated niche. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
3641	Mechanism of Citri Reticulatae Pericarpium as an Anticancer Agent from the Perspective of Flavonoids: A Review. <i>Molecules</i> , 2022, 27, 5622.	1.7	6

#	ARTICLE	IF	CITATIONS
3642	MTBP enhances the activation of transcription factor ETS-1 and promotes the proliferation of hepatocellular carcinoma cells. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	1
3643	Senescence and cancer " role and therapeutic opportunities. <i>Nature Reviews Clinical Oncology</i> , 2022, 19, 619-636.	12.5	141
3644	Development and Evaluation of a Peptide Heterodimeric Tracer Targeting CXCR4 and Integrin $\alpha 6 \beta 1$ for Pancreatic Cancer Imaging. <i>Pharmaceutics</i> , 2022, 14, 1791.	2.0	3
3645	Prostate Cancer Tumor Stroma: Responsibility in Tumor Biology, Diagnosis and Treatment. <i>Cancers</i> , 2022, 14, 4412.	1.7	4
3646	Discovery of Phenolic Matrix Metalloproteinase Inhibitors by Peptide Microarray for Osteosarcoma Treatment. <i>Journal of Natural Products</i> , 2022, 85, 2424-2432.	1.5	1
3647	ZIM3 activation of CCL25 expression in pulmonary metastatic nodules of osteosarcoma recruits M2 macrophages to promote metastatic growth. <i>Cancer Immunology, Immunotherapy</i> , 0, , .	2.0	1
3648	Cav2.2-NFAT2-USP43 axis promotes invadopodia formation and breast cancer metastasis through cortactin stabilization. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	5
3650	Profiling of Multiple Matrix Metalloproteinases Activities in the Progression of Osteosarcoma by Peptide Microarray-Based Fluorescence Assay on Polymer Brush-Coated Zinc Oxide Nanorod Substrate. <i>Methods in Molecular Biology</i> , 2023, , 161-175.	0.4	1
3651	Matrix metalloproteinase 1 is a poor prognostic biomarker for patients with hepatocellular carcinoma. <i>Clinical and Experimental Medicine</i> , 2023, 23, 2065-2083.	1.9	8
3652	A vicious circle in breast cancer: The interplay between inflammation, reactive oxygen species, and microRNAs. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	8
3653	The extracellular matrix alteration, implication in modulation of drug resistance mechanism: friends or foes?. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, .	3.5	31
3654	MMP1 Overexpression Promotes Cancer Progression and Associates with Poor Outcome in Head and Neck Carcinoma. <i>Computational and Mathematical Methods in Medicine</i> , 2022, 2022, 1-17.	0.7	3
3655	Hepatocyte-targeting and tumor microenvironment-responsive liposomes for enhanced anti-hepatocarcinoma efficacy. <i>Drug Delivery</i> , 2022, 29, 2995-3008.	2.5	2
3656	Hypochlorous Acid Chemistry in Mammalian Cells "Influence on Infection and Role in Various Pathologies. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10735.	1.8	27
3657	Stromal Cells and Extracellular Vesicles. , 0, , .		0
3658	M2-like tumor-associated macrophage-related biomarkers to construct a novel prognostic signature, reveal the immune landscape, and screen drugs in hepatocellular carcinoma. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	21
3659	Insights Into the Role of Matrix Metalloproteinases in Cancer and its Various Therapeutic Aspects: A Review. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	17
3660	Hemimycale Arabica Induced Non-Cytotoxic Anti-Migratory Activity in Hepatocellular Carcinoma In Vitro. <i>Asian Pacific Journal of Cancer Prevention</i> , 2022, 23, 2921-2928.	0.5	0

#	ARTICLE	IF	CITATIONS
3661	High Glucose Promotes Pancreatic Ductal Adenocarcinoma Gemcitabine Resistance and Invasion through Modulating ROS/MMP-3 Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-19.	1.9	4
3662	Senescence of Tumor Cells in Anticancer Therapyâ€”Beneficial and Detrimental Effects. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11082.	1.8	8
3663	Analysis of invasiveness and tumor-associated macrophages infiltration in solid pseudopapillary tumors of pancreas. <i>World Journal of Gastroenterology</i> , 2022, 28, 5047-5057.	1.4	5
3664	Cancer â€” A devastating disease, but also an eye-opener and window into the deep mysteries of life and its origins. <i>Progress in Biophysics and Molecular Biology</i> , 2022, 175, 131-139.	1.4	1
3665	A Novel CTLA-4 affinity peptide for cancer immunotherapy by increasing the integrin $\alpha 5 \beta 1$ targeting. <i>Discover Oncology</i> , 2022, 13, .	0.8	5
3666	Recent Advances in the Enzymeâ€”Activatable Organic Fluorescent Probes for Tumor Imaging and Therapy. <i>ChemistryOpen</i> , 2022, 11, .	0.9	5
3667	Peptide-imprinted conductive polymer on continuous monolayer molybdenum disulfide transferred electrodes for electrochemical sensing of Matrix Metalloproteinase-1 in lung cancer culture medium. <i>Biosensors and Bioelectronics: X</i> , 2023, 13, 100258.	0.9	4
3668	Ursolic and oleanolic acids in combination therapy inhibit migration of colon cancer cells through down-regulation of the uPA/uPAR-dependent MMPs pathway. <i>Chemico-Biological Interactions</i> , 2022, 368, 110202.	1.7	4
3669	A novel telomerase-derived peptide GV1001-mediated inhibition of angiogenesis: Regulation of VEGF/VEGFR-2 signaling pathways. <i>Translational Oncology</i> , 2022, 26, 101546.	1.7	4
3671	Shield-activated two-way imaging nanomaterials for enhanced cancer theranostics. <i>Biomaterials Science</i> , 0, , .	2.6	1
3672	Progress in the past five years of small organic molecule dyes for tumor microenvironment imaging. <i>Chemical Communications</i> , 2022, 58, 12642-12652.	2.2	11
3673	Immunodiagnostics: A Perspective on Sensitivity, Specificity, and Stability of Tumor Antigens. , 2022, , 1-28.		0
3674	Metabolicâ€”associated signature and hub genes associated with immune microenvironment and prognosis in bladder cancer. <i>Molecular Carcinogenesis</i> , 0, , .	1.3	3
3675	CTpathway: a CrossTalk-based pathway enrichment analysis method for cancer research. <i>Genome Medicine</i> , 2022, 14, .	3.6	10
3676	SET/PP2A signaling regulates macrophage positioning in hypoxic tumor regions by amplifying chemotactic responses. <i>Experimental and Molecular Medicine</i> , 0, , .	3.2	0
3677	The role of a cuproptosis-related prognostic signature in colon cancer tumor microenvironment and immune responses. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	7
3678	Transcriptome reprogramming of Epstein-Barr virus infected epithelial and B cells reveals distinct host-virus interaction profiles. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	5
3679	Fluvoxamine prompts the antitumor immune effect via inhibiting the PDâ€”L1 expression on miceâ€”burdened colon tumor. <i>Cell Biology International</i> , 2023, 47, 439-450.	1.4	4

#	ARTICLE	IF	CITATIONS
3680	Glutathione peroxidase 2 overexpression promotes malignant progression and cisplatin resistance of KRAS-mutated lung cancer cells. <i>Oncology Reports</i> , 2022, 48, .	1.2	10
3681	Rosmarinic Acid and Related Dietary Supplements: Potential Applications in the Prevention and Treatment of Cancer. <i>Biomolecules</i> , 2022, 12, 1410.	1.8	15
3682	Nanomedicine-enabled/augmented Cell Pyroptosis for Efficient Tumor Nanotherapy. <i>Advanced Science</i> , 2022, 9, .	5.6	28
3683	An old friend with a new face: YB-1 and its role in healthy pregnancy and pregnancy-associated complications. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	1
3685	Wogonin Restrains the Malignant Progression of Lung Cancer Through Modulating MMP1 and PI3K/AKT Signaling Pathway. <i>Protein and Peptide Letters</i> , 2023, 30, 25-34.	0.4	2
3686	Silencing circ_0000644 inhibits papillary thyroid cancer cell malignancy by combining with miR-671-5p to release the inhibition on ANXA2. <i>Journal of Endocrinological Investigation</i> , 0, , .	1.8	1
3687	Click chemistry functionalization of self-assembling peptide hydrogels. <i>Journal of Biomedical Materials Research - Part A</i> , 0, , .	2.1	3
3688	Role of GLI1 in Hypoxia-Driven Endometrial Stromal Cell Migration and Invasion in Endometriosis. <i>Computational and Mathematical Methods in Medicine</i> , 2022, 2022, 1-9.	0.7	1
3689	The role of macrophage scavenger receptor 1 (MSR1) in inflammatory disorders and cancer. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	22
3690	Apelin Promotes Prostate Cancer Metastasis by Downregulating TIMP2 via Increases in miR-106a-5p Expression. <i>Cells</i> , 2022, 11, 3285.	1.8	1
3691	The Extracellular Matrix and Neuroblastoma Cell Communication-A Complex Interplay and Its Therapeutic Implications. <i>Cells</i> , 2022, 11, 3172.	1.8	5
3692	Tumor Microenvironment-Based Stimuli-Responsive Nanoparticles for Controlled Release of Drugs in Cancer Therapy. <i>Pharmaceutics</i> , 2022, 14, 2346.	2.0	19
3693	Potential Focal Adhesion Kinase Inhibitors in Management of Cancer: Therapeutic Opportunities from Herbal Medicine. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13334.	1.8	2
3694	Portal vein tumor thrombosis in hepatocellular carcinoma: molecular mechanism and therapy. <i>Clinical and Experimental Metastasis</i> , 2023, 40, 5-32.	1.7	5
3695	Tumor-derived extracellular vesicles modulate innate immune responses to affect tumor progression. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	8
3696	A microfluidic demonstration of "cluster-sprout-infiltrating" mode for hypoxic mesenchymal stem cell guided cancer cell migration. <i>Biomaterials</i> , 2022, 290, 121848.	5.7	4
3697	Transcriptomic mapping of the metzincin landscape in human trophoblasts. <i>Gene Expression Patterns</i> , 2022, 46, 119283.	0.3	3
3698	Multifaceted entrancing role of glucose and its analogue, 2-deoxy-D-glucose in cancer cell proliferation, inflammation, and virus infection. <i>Biomedicine and Pharmacotherapy</i> , 2022, 156, 113801.	2.5	8

#	ARTICLE	IF	CITATIONS
3699	Upregulation of matrix metalloproteinase 14 (MMP14) is associated with poor prognosis in renal clear cell carcinoma—a bioinformatics analysis. <i>Translational Andrology and Urology</i> , 2022, 11, 1523-1534.	0.6	2
3700	Natural quinazolinones: From a treasure house to promising anticancer leads. <i>European Journal of Medicinal Chemistry</i> , 2023, 245, 114915.	2.6	13
3701	Deciphering the Mechanics of Cancer Spheroid Growth in 3D Environments through Microfluidics Driven Mechanical Actuation. <i>Advanced Healthcare Materials</i> , 2023, 12, .	3.9	2
3702	Integration of O-GlcNAc into Stress Response Pathways. <i>Cells</i> , 2022, 11, 3509.	1.8	14
3703	EFFECT OF MMP9 ON GROWTH AND DEVELOPMENT OF EXPERIMENTAL MULTIPLE PRIMARY TUMORS IN PRIMARY IMMUNODEFICIENCY. <i>Krimskii Zhurnal Eksperimental'noi I Klinicheskoi Meditsiny = Kryms'kyi Zhurnal Eksperymental'noi Ta Klinichnoi Medytsyny = Crimean Journal of Experimental and Clinical Medicine</i> , 2022, 11, 56-62.	2.0	0
3704	Biological impact and therapeutic perspective of targeting PI3K/Akt signaling in hepatocellular carcinoma: Promises and Challenges. <i>Pharmacological Research</i> , 2023, 187, 106553.	3.1	34
3705	Molecular Biomarkers of Malignant Transformation in Head and Neck Dysplasia. <i>Cancers</i> , 2022, 14, 5581.	1.7	2
3706	GSK343, an Inhibitor of Enhancer of Zeste Homolog 2, Reduces Glioblastoma Progression through Inflammatory Process Modulation: Focus on Canonical and Non-Canonical NF- κ B/ $\text{I}\kappa$ B Pathways. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13915.	1.8	5
3707	Variant Enrichment Analysis to Explore Pathways Disruption in a Necropsy Series of Asbestos-Exposed Shipyard Workers. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13628.	1.8	1
3708	The role of neutrophil extracellular traps in cancer progression, metastasis and therapy. <i>Experimental Hematology and Oncology</i> , 2022, 11, .	2.0	25
3709	Discovering and Targeting Dynamic Drugging Pockets of Oncogenic Proteins: The Role of Magnesium in Conformational Changes of the G12D Mutated Kirsten Rat Sarcoma-Guanosine Diphosphate Complex. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13865.	1.8	8
3710	Comparison between renal pelvic and ureteral tumors in muscle-invasive upper tract urothelial carcinoma. <i>Cancer Science</i> , 2023, 114, 984-994.	1.7	4
3711	Targeting matrix metalloproteases: A promising strategy for herbal medicines to treat rheumatoid arthritis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	14
3712	Hydrophobicity Effects of $\hat{\text{I}}^3$ -Glutamyl Transpeptidase-Responsive Polymers on the Catalytic Activity and Transcytosis Efficacy. <i>Bioconjugate Chemistry</i> , 2022, 33, 2132-2142.	1.8	4
3713	Nobiletin and xanthohumol counteract the TNF $\hat{\text{I}}$ -mediated activation of endothelial cells through the inhibition of the NF $\hat{\text{I}}$ κ B signaling pathway. <i>Cell Biology International</i> , 0, , .	1.4	2
3715	Stimuli-responsive protein fibers for advanced applications. , 2023, , 351-399.		0
3716	Human Papillomavirus Modulates Matrix Metalloproteinases During Carcinogenesis: Clinical Significance and Role of Viral Oncoproteins. <i>In Vivo</i> , 2022, 36, 2531-2541.	0.6	3
3717	Senescent cells and SASP in cancer microenvironment: New approaches in cancer therapy. <i>Advances in Protein Chemistry and Structural Biology</i> , 2023, , 115-158.	1.0	4

#	ARTICLE	IF	CITATIONS
3718	FAP α and α SMA mark different subsets of fibroblasts in normal kidney and conventional renal cell carcinoma. <i>Neoplasia</i> , 2023, 35, 100854.	2.3	1
3719	Target-activated cascade transcription amplification lights up RNA aptamers for label-free detection of metalloproteinase-2 activity. <i>Chemical Communications</i> , 2023, 59, 1058-1061.	2.2	6
3720	Antitumor Mechanisms of Elemene in Specific Cancers. , 2023, , 117-147.		0
3721	Regulation of Cell Migration. , 2016, , 243-252.		0
3722	Prevention of Oxidative Stress and Diseases by Antioxidant Supplementation. <i>Medicinal Chemistry</i> , 2023, 19, 509-537.	0.7	3
3723	Isoginkgetin α A Natural Compound to Control U87MG Glioblastoma Cell Growth and Migration Activating Apoptosis and Autophagy. <i>Molecules</i> , 2022, 27, 8335.	1.7	2
3724	MMP1 acts as a potential regulator of tumor progression and dedifferentiation in papillary thyroid cancer. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	1
3725	The Study of the Extracellular Matrix in Chronic Inflammation: A Way to Prevent Cancer Initiation?. <i>Cancers</i> , 2022, 14, 5903.	1.7	3
3726	Immunotherapeutic strategies to induce inflection in the immune response: therapy for cancer and COVID-19. <i>Biotechnology and Genetic Engineering Reviews</i> , 0, , 1-40.	2.4	5
3727	Ginsenoside Rb1 from <i>Panax notoginseng</i> Suppressed TNF- α -Induced Matrix Metalloproteinase-9 via the Suppression of Double-Strand RNA-Dependent Protein Kinase (PKR)/NF- κ B Pathway. <i>Molecules</i> , 2022, 27, 8050.	1.7	3
3728	Exosomal lncRNA HOTAIR induce macrophages to M2 polarization via PI3K/ p-AKT /AKT pathway and promote EMT and metastasis in laryngeal squamous cell carcinoma. <i>BMC Cancer</i> , 2022, 22, .	1.1	11
3729	O papel dos macrófagos de perfil M2 no processo de metástase tumoral associado à inflamação crônica. <i>Brazilian Journal of Health Review</i> , 2022, 5, 23407-23422.	0.0	0
3730	Effect of LDHA Inhibition on TNF- α -Induced Cell Migration in Esophageal Cancers. <i>International Journal of Molecular Sciences</i> , 2022, 23, 16062.	1.8	3
3731	Evolutionary Analysis of TCGA Data Using Over- and Under- Mutated Genes Identify Key Molecular Pathways and Cellular Functions in Lung Cancer Subtypes. <i>Cancers</i> , 2023, 15, 18.	1.7	0
3732	Evaluation of AMG510 Therapy on KRAS-Mutant Non-Small Cell Lung Cancer and Colorectal Cancer Cell Using a 3D Invasive Tumor Spheroid System under Normoxia and Hypoxia. <i>Bioengineering</i> , 2022, 9, 792.	1.6	3
3733	Stromal cells in prostate cancer pathobiology: friends or foes? <i>British Journal of Cancer</i> , 2023, 128, 930-939.	2.9	9
3734	18 F-FDG uptake of visceral adipose tissue on preoperative PET/CT as a predictive marker for breast cancer recurrence. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
3735	FAM3D as a Prognostic Indicator of Head and Neck Squamous Cell Carcinoma Is Associated with Immune Infiltration. <i>Computational and Mathematical Methods in Medicine</i> , 2022, 2022, 1-29.	0.7	0

#	ARTICLE	IF	CITATIONS
3736	Metal-coordinated nanodrugs based on natural products for cancer theranostics. <i>Chemical Engineering Journal</i> , 2023, 456, 140892.	6.6	9
3738	Alteration of Cellular Energy Metabolism through LPAR2-Axin2 Axis in Gastric Cancer. <i>Biomolecules</i> , 2022, 12, 1805.	1.8	2
3739	Immunomodulatory role of metalloproteases in cancers: Current progress and future trends. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	8
3740	Aging and aging-related diseases: from molecular mechanisms to interventions and treatments. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	150
3741	Acoustic-Based Theranostic Probes Activated by Tumor Microenvironment for Accurate Tumor Diagnosis and Assisted Tumor Therapy. <i>ACS Sensors</i> , 2022, 7, 3611-3633.	4.0	5
3742	Programmed cyclodextrin-based core-shell nanoparticles for cooperative TGF- β 2 blockade to reverse immunosuppression post photodynamic therapy. <i>Chemical Engineering Journal</i> , 2023, 455, 140830.	6.6	3
3743	Targeting macrophages: a novel treatment strategy in solid tumors. <i>Journal of Translational Medicine</i> , 2022, 20, .	1.8	14
3744	Role of metalloproteases in the CD95 signaling pathways. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
3745	Insights into the immunomodulatory regulation of matrix metalloproteinase at the maternal-fetal interface during early pregnancy and pregnancy-related diseases. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	5
3746	Role of miR-944/MMP10/AXL- axis in lymph node metastasis in tongue cancer. <i>Communications Biology</i> , 2023, 6, .	2.0	5
3747	The role of intestinal immune cells and matrix metalloproteinases in inflammatory bowel disease. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	2
3748	Smart drug delivery: A window to future of translational medicine. <i>Frontiers in Chemistry</i> , 0, 10, .	1.8	12
3749	Cancer Stem Cells are Actually Stem Cells with Disordered Differentiation: the Monophyletic Origin of Cancer. <i>Stem Cell Reviews and Reports</i> , 2023, 19, 827-838.	1.7	4
3750	CD26-negative and CD26-positive tissue-resident fibroblasts contribute to functionally distinct CAF subpopulations in breast cancer. <i>Nature Communications</i> , 2023, 14, .	5.8	17
3751	Mutant P53 in the formation and progression of the tumor microenvironment: Friend or foe. <i>Life Sciences</i> , 2023, 315, 121361.	2.0	10
3752	Overexpression of USP15/MMP3 predict poor prognosis and promote growth, migration in non-small cell lung cancer cells. <i>Cancer Genetics</i> , 2023, 272-273, 9-15.	0.2	5
3753	Creation, working principles, development of applied and fundamental scientific activities of the Collection of Cell Cultures of Vertebrates. <i>Biological Communications</i> , 2022, 67, .	0.4	1
3754	Ovarian mRNA Expression and Regulation of Matrix Metalloproteinase 16 in the Domestic Hen. <i>Folia Biologica</i> , 2022, 70, 133-140.	0.1	1

#	ARTICLE	IF	CITATIONS
3755	A Biocompatible Probe for the Detection of Neutrophil Elastase Free from the Interference of Structural Changes and Its Application to Ratiometric Photoacoustic Imaging In Vivo. <i>Angewandte Chemie</i> , 0, , .	1.6	0
3756	A Biocompatible Probe for the Detection of Neutrophil Elastase Free from the Interference of Structural Changes and Its Application to Ratiometric Photoacoustic Imaging In Vivo. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	6
3757	Antimetastatic Properties of Prodigiosin and the BH3-Mimetic Obatoclax (GX15-070) in Melanoma. <i>Pharmaceutics</i> , 2023, 15, 97.	2.0	1
3758	From Cancer Microenvironment to Myofibroblasts. <i>American Biology Teacher</i> , 2023, 85, 12-16.	0.1	0
3759	Development of "smart" drug delivery systems for chemo/PDT synergistic treatment. <i>Journal of Materials Chemistry B</i> , 2023, 11, 1416-1433.	2.9	13
3760	Matrix metalloproteinases as therapeutic targets in breast cancer. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	9
3761	Cancer-associated fibroblasts: The chief architect in the tumor microenvironment. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	21
3762	Theranostic nanostructures as nanomedicines. , 2023, , 3-24.		2
3763	An Update of G-Protein-Coupled Receptor Signaling and Its Deregulation in Gastric Carcinogenesis. <i>Cancers</i> , 2023, 15, 736.	1.7	1
3764	Peptide and protein-based hydrogels. , 2023, , 137-173.		1
3765	Therapeutic Strategies to Overcome Fibrotic Barriers to Nanomedicine in the Pancreatic Tumor Microenvironment. <i>Cancers</i> , 2023, 15, 724.	1.7	2
3766	Mechanisms of ADC Toxicity and Strategies to Increase ADC Tolerability. <i>Cancers</i> , 2023, 15, 713.	1.7	25
3767	Cancer-Associated Fibroblasts in Hepatocellular Carcinoma and Cholangiocarcinoma. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2023, 15, 985-999.	2.3	18
3768	Matrix Metalloproteinase-Gene Signature Predicts Stage I Lung Adenocarcinoma Survival Outcomes. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2382.	1.8	2
3769	Characterization of Active MMP9 in Chronic Inflammatory Diseases Using a Novel Anti-MMP9 Antibody. <i>Antibodies</i> , 2023, 12, 9.	1.2	1
3770	Evaluation of the Salivary Matrix Metalloproteinase-9 in Women With Polycystic Ovaries Syndrome and Gingival Inflammation: A Case-Control Study. <i>Cureus</i> , 2023, , .	0.2	0
3771	Doxycycline as a Potential MMP-1 Inhibitor for the Treatment of Spondylitis Tuberculosis: A Study in Rabbit Model. <i>BioMed Research International</i> , 2023, 2023, 1-12.	0.9	0
3772	Identification of a basement membrane-based risk scoring system for prognosis prediction and individualized therapy in clear cell renal cell carcinoma. <i>Frontiers in Genetics</i> , 0, 14, .	1.1	0

#	ARTICLE	IF	CITATIONS
3773	Evaluating the Catalytic Efficiency of the Human Membrane-type 1 Matrix Metalloproteinase (MMP-14) Using AuNPâ€‘Peptide Conjugates. <i>Journal of the American Chemical Society</i> , 2023, 145, 4570-4582.	6.6	12
3774	The effect of natural products combination on MCF-7 cells exceeds tamoxifen therapeutic dose effects in vitro. <i>Biocell</i> , 2023, 47, 891-904.	0.4	0
3775	The role of macrophages-mediated communications among cell compositions of tumor microenvironment in cancer progression. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	6
3776	Human Umbilical Cord-Derived Mesenchymal Stem Cells Alleviate Psoriasis Through TNF-Î±/NF-Î±B/MMP13 Pathway. <i>Inflammation</i> , 2023, 46, 987-1001.	1.7	1
3777	Ursonic acid inhibits migration and invasion of human osteosarcoma cells through the suppression of mitogen-activated protein kinases and matrix metalloproteinases. <i>Molecular Biology Reports</i> , 0, , .	1.0	0
3778	Mint3 as a Potential Target for Cooling Down HIF-1Î±-Mediated Inflammation and Cancer Aggressiveness. <i>Biomedicines</i> , 2023, 11, 549.	1.4	4
3779	Global scientific trends on matrix metalloproteinase and osteosarcoma: A bibliometric and visualized analysis. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	1
3780	Identification of the Immune Subtypes for the Prediction of Metastasis in Pancreatic Neuroendocrine Tumors. <i>Neuroendocrinology</i> , 2023, 113, 719-735.	1.2	0
3781	Synthesis, anticancer evaluation and molecular docking study of some Arylidenehydrazono analogues. <i>Canadian Journal of Chemistry</i> , 0, , .	0.6	0
3782	Rolipram suppresses migration and invasion of human choriocarcinoma cells by inhibiting phosphodiesterase 4â€‘mediated epithelialâ€‘mesenchymal transition. <i>Journal of Biochemical and Molecular Toxicology</i> , 2023, 37, .	1.4	0
3783	Macrophages at the interface of the co-evolving cancer ecosystem. <i>Cell</i> , 2023, 186, 1627-1651.	13.5	49
3784	An emphasis on the interaction of signaling pathways highlights the role of miRNAs in the etiology and treatment resistance of gastric cancer. <i>Life Sciences</i> , 2023, 322, 121667.	2.0	43
3785	Multifunctional fluorescent mesoporous carbon nanoprobe for MMP-2-activated cancer cell imaging and targeted photothermal therapy. <i>Analytica Chimica Acta</i> , 2023, 1260, 341203.	2.6	1
3786	Harnessing function of EMT in hepatocellular carcinoma: From biological view to nanotechnological standpoint. <i>Environmental Research</i> , 2023, 227, 115683.	3.7	7
3787	The extract of <i>Curcuma Longae Rhizoma</i> suppresses angiogenesis via VEGF-induced PI3K/Akt-eNOS-NO pathway. <i>Journal of Ethnopharmacology</i> , 2023, 308, 116299.	2.0	2
3790	The immunomodulatory role of matrix metalloproteinases in colitis-associated cancer. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	6
3791	Biologically Responsive Polymers. , 2016, , 199-253.		0
3792	Myeloid-cell-specific role of Gasdermin D in promoting lung cancer progression in mice. <i>IScience</i> , 2023, 26, 106076.	1.9	5

#	ARTICLE	IF	CITATIONS
3794	Changes in Expression of Tumor Suppressor Gene RKIP Impact How Cancers Interact with Their Complex Environment. <i>Cancers</i> , 2023, 15, 958.	1.7	1
3795	Untangling the complexity of heat shock protein 27 in cancer and metastasis. <i>Archives of Biochemistry and Biophysics</i> , 2023, 736, 109537.	1.4	3
3796	Recent advances in long-acting drug delivery systems for anticancer drug. <i>Advanced Drug Delivery Reviews</i> , 2023, 194, 114724.	6.6	30
3797	Inhibition of MMPs supports amoeboid angiogenesis hampering VEGF-targeted therapies via MLC and ERK 1/2 signaling. <i>Journal of Translational Medicine</i> , 2023, 21, .	1.8	1
3798	The contradictory roles of macrophages in non-alcoholic fatty liver disease and primary liver cancer—Challenges and opportunities. <i>Frontiers in Molecular Biosciences</i> , 0, 10, .	1.6	4
3799	Two simple-to-use web-based nomograms to predict overall survival and cancer-specific survival in patients with extremity fibrosarcoma. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	1
3800	A straightforward method to quantify circulating mRNAs as biomarkers of colorectal cancer. <i>Scientific Reports</i> , 2023, 13, .	1.6	3
3801	Emerging roles of circular RNAs in the invasion and metastasis of head and neck cancer: Possible functions and mechanisms. , 2023, 2, 463-487.		0
3802	MMP2 is a immunotherapy related biomarker and correlated with cancer-associated fibroblasts infiltrate in melanoma. <i>Cancer Cell International</i> , 2023, 23, .	1.8	3
3803	NETworking with cancer: The bidirectional interplay between cancer and neutrophil extracellular traps. <i>Cancer Cell</i> , 2023, 41, 505-526.	7.7	29
3804	Mechanisms of Antitumor Invasion and Metastasis of the Marine Fungal Derivative Epi-Aszonalenin A in HT1080 Cells. <i>Marine Drugs</i> , 2023, 21, 156.	2.2	0
3805	Smart Polymeric Nanoparticles in Cancer Immunotherapy. <i>Pharmaceutics</i> , 2023, 15, 775.	2.0	10
3806	The prognostic utility of preoperative neutrophil-to-lymphocyte ratio (NLR) in patients with colorectal liver metastasis: a systematic review and meta-analysis. <i>Cancer Cell International</i> , 2023, 23, .	1.8	7
3807	Mechanisms Underlying Tumor-Associated Macrophages (TAMs)-Facilitated Metastasis. , 2023, , 1-54.		0
3808	Simultaneous Knockdown of Immune Suppressive Markers by Tumor Microenvironment-Responsive Multifaceted Prodrug Nanomedicine. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 12864-12881.	4.0	2
3809	Development of a coupled modeling for tumor growth, angiogenesis, oxygen delivery, and phenotypic heterogeneity. <i>Biomechanics and Modeling in Mechanobiology</i> , 2023, 22, 1067-1081.	1.4	0
3810	Fanatical Clout of Porous Carbon Materials—A Peek in Therapeutics. <i>Materials Horizons</i> , 2023, , 841-883.	0.3	0
3811	Recent Advances in Tick Antigen Discovery and Anti-Tick Vaccine Development. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4969.	1.8	12

#	ARTICLE	IF	CITATIONS
3812	Alterations in bacterial community dynamics from noncancerous to Gastric cancer. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	1
3813	Multi-Targeted and On-Demand Non-Coding RNA Regulation Nanoplatfrom against Metastasis and Recurrence of Triple-Negative Breast Cancer. <i>Small</i> , 2023, 19, .	5.2	3
3814	Matrix Metalloproteinase-1 Expression in Fibroblasts Accelerates Dermal Aging and Promotes Papilloma Development in Mouse Skin. <i>Journal of Investigative Dermatology</i> , 2023, 143, 1700-1707.e1.	0.3	7
3815	Design and Computational Analysis of an MMP9 Inhibitor in Hypoxia-Induced Glioblastoma Multiforme. <i>ACS Omega</i> , 2023, 8, 10565-10590.	1.6	1
3816	A positive feedback loop driven by fibronectin and IL-1 ^β sustains the inflammatory microenvironment in breast cancer. <i>Breast Cancer Research</i> , 2023, 25, .	2.2	4
3817	N-methylsalsalvamide elicits antitumor effects in colon cancer cells in vitro and in vivo by regulating proliferation, apoptosis, and metastatic capacity. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	1
3818	Tumor Therapy Strategies Based on Microenvironment-Specific Responsive Nanomaterials. <i>Advanced Healthcare Materials</i> , 2023, 12, .	3.9	12
3819	Comparison of MMP-2 and TIMP-2 expressions in yak testes at different ages. <i>Reproduction in Domestic Animals</i> , 0, , .	0.6	0
3820	Overexpression of YEATS2 Remodels the Extracellular Matrix to Promote Hepatocellular Carcinoma Progression via the PI3K/AKT Pathway. <i>Cancers</i> , 2023, 15, 1850.	1.7	6
3821	The role of lactate metabolism-related LncRNAs in the prognosis, mutation, and tumor microenvironment of papillary thyroid cancer. <i>Frontiers in Endocrinology</i> , 0, 14, .	1.5	0
3822	The Significance of Matrix Metalloproteinase 9 (MMP-9) and Metalloproteinase 2 (MMP-2) in Urinary Bladder Cancer. <i>Biomedicines</i> , 2023, 11, 956.	1.4	3
3823	Roles of tumor-associated macrophages in anti-PD-1/PD-L1 immunotherapy for solid cancers. <i>Molecular Cancer</i> , 2023, 22, .	7.9	32
3824	Therapeutic potential of TRPM8 channels in cancer treatment. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	6
3825	Add fuel to the fire: Inflammation and immune response in lung cancer combined with COVID-19. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	1
3826	Prognostic prediction and multidimensional dissections of a macrophages M0-related gene signature in liver cancer. <i>Frontiers in Endocrinology</i> , 0, 14, .	1.5	1
3827	A stretchable wireless wearable bioelectronic system for multiplexed monitoring and combination treatment of infected chronic wounds. <i>Science Advances</i> , 2023, 9, .	4.7	62
3828	Ginsenosides from <i>Panax ginseng</i> as Key Modulators of NF- κ B Signaling Are Powerful Anti-Inflammatory and Anticancer Agents. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6119.	1.8	13
3829	Extracellular matrix remodeling in tumor progression and immune escape: from mechanisms to treatments. <i>Molecular Cancer</i> , 2023, 22, .	7.9	66

#	ARTICLE	IF	CITATIONS
3830	Matrix-Metalloproteinase Inhibitory Study of Novel Tetrahydroisoquinoline-4-carboxylates: Design, Synthesis, and Molecular Docking studies.. Chemistry and Biodiversity, 0, , .	1.0	0
3832	Constructed Tumor-Targeted and MMP-2 Biocleavable Antibody Conjugated Silica Nanoparticles for Efficient Cancer Therapy. ACS Omega, 2023, 8, 12752-12760.	1.6	2
3833	Protease-Triggered, Spatially Controlled DNA Assembly in Apoptotic Cells for Early Evaluation of Therapeutic Efficacy. Journal of the American Chemical Society, 2023, 145, 7931-7940.	6.6	10
3834	The Matrix Reloaded-The Role of the Extracellular Matrix in Cancer. Cancers, 2023, 15, 2057.	1.7	4
3835	Anesthesia and Cancer: Something More Than Avoid Stress Response. Current Gene Therapy, 2023, 23, .	0.9	0
3836	Pan-cancer analysis reveals the associations between MMP13 high expression and carcinogenesis and its value as a serum diagnostic marker. Aging, 2023, 15, 2115-2135.	1.4	0
3837	Plasma Levels of Metalloproteinase 3 (MMP-3) and Metalloproteinase 7 (MMP-7) as New Candidates for Tumor Biomarkers in Diagnostic of Breast Cancer Patients. Journal of Clinical Medicine, 2023, 12, 2618.	1.0	2
3839	A new glance at autophagolysosomal-dependent or -independent function of transcriptional factor EB in human cancer. Acta Pharmacologica Sinica, 0, , .	2.8	0
3840	Adaptive FLAME based segmentation and classification for bone cancer detection. , 2023, , .		0
3841	Blood Cancer Identification using Hybrid Ensemble Deep Learning Technique. , 2023, , .		0
3842	Pan-cancer analysis of super enhancer-induced PRR7-AS1 as a potential prognostic and immunological biomarker. Frontiers in Genetics, 0, 14, .	1.1	0
3843	Bone sialoprotein promotes lung cancer osteolytic bone metastasis via MMP14-dependent mechanisms. Biochemical Pharmacology, 2023, 211, 115540.	2.0	5
3844	The Extracellular Matrix: Its Composition, Function, Remodeling, and Role in Tumorigenesis. Biomimetics, 2023, 8, 146.	1.5	8
3845	Key aspects for conception and construction of co-culture models of tumor-stroma interactions. Frontiers in Bioengineering and Biotechnology, 0, 11, .	2.0	2
3846	Expression of matrix metalloproteinase in patients with Alzheimer and mechanism of huangqi granule (astragalus saponins) intervention. Materials Express, 2023, 13, 253-259.	0.2	0
3847	Identification of Hypoxia-Targeting Drugs in the Tumor Microenvironment and Prodrug Strategies for Targeting Tumor Hypoxia. , 2023, , 369-401.		0
3848	Galectin-3 promotes secretion of proteases that decrease epithelium integrity in human colon cancer cells. Cell Death and Disease, 2023, 14, .	2.7	1
3849	The Role of the Matrix Metalloproteinase-9 Gene in Tumor Development and Metastasis: A Narrative Review. Global Medical Genetics, 2023, 10, 048-053.	0.4	1

#	ARTICLE	IF	CITATIONS
3850	Agent-Based Model for Studying the Effects of Solid Stress and Nutrient Supply on Tumor Growth. <i>Mathematics</i> , 2023, 11, 1900.	1.1	1
3851	Circular RNAs as the pivotal regulators of epithelial-mesenchymal transition in gastrointestinal tumor cells. <i>Pathology Research and Practice</i> , 2023, 245, 154472.	1.0	2
3852	Role of voltage-gated proton channel (Hv1) in cancer biology. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	1
3879	Phytocannabinoids have cytotoxic, antiproliferative, and antimigratory activities on cancer cells and cancer stem cells. , 2023, , 555-564.		0
3894	Angiogenic signaling pathways and anti-angiogenic therapy for cancer. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	68
3906	Rational design of linkers in polymerâ€“drug conjugates. , 2023, , 39-57.		0
3907	Enzymatically degradable linkers. , 2023, , 279-313.		0
3926	Macrophage-mimetic nanomedicines for the treatment of diseases. , 2023, , 63-89.		0
3929	Development of cancer. , 2023, , 295-330.		0
3942	Activatable probes with potential for intraoperative tumor-specific fluorescence-imaging guided surgery. <i>Journal of Materials Chemistry B</i> , 2023, 11, 9777-9797.	2.9	1
3946	Microfluidics, CTC Capture, Analysis and Expansion. <i>Current Cancer Research</i> , 2023, , 171-199.	0.2	0
3948	The origin of brain malignancies at the bloodâ€“brain barrier. <i>Cellular and Molecular Life Sciences</i> , 2023, 80, .	2.4	1
3956	Advanced approaches in cancer therapy via administration of polymer-based particles. <i>Advances in Chemical Engineering</i> , 2023, , .	0.5	0
3957	<i>Helicobacter pylori</i> and Epstein-Barr virus infection in cell polarity alterations. <i>Folia Microbiologica</i> , 2024, 69, 41-57.	1.1	0
3960	Cell plasticity modulation by flavonoids in resistant breast carcinoma targeting the nuclear factor kappa B signaling. <i>Cancer and Metastasis Reviews</i> , 0, , .	2.7	1
3962	Stem cell signaling molecules and pathways in liver regeneration. , 2024, , 101-131.		0
3964	Redox signaling-mediated tumor extracellular matrix remodeling: pleiotropic regulatory mechanisms. <i>Cellular Oncology (Dordrecht)</i> , 0, , .	2.1	1
3968	Pre-Metastatic Niche: Communication Between Local and Distal Onco-Spheres. , 2023, , 249-266.		0

#	ARTICLE	IF	CITATIONS
4001	Role of Copolymers in Lung Cancer. , 2023, , 211-226.		0
4013	Tumor Microenvironment-Responsive Degradable Silica Nanoparticles: Design Principles and Precision Theranostic Applications. Nanoscale Horizons, 0, , .	4.1	0
4016	A New Affinity-Based Probe to Profile MMP Active Forms. Methods in Molecular Biology, 2024, , 29-39.	0.4	0
4025	Cancer Metastasis, ROS/Redox Signaling, and PCD Resistance/Redox Metabolism. , 2023, , 173-206.		0
4027	Crosstalk Between Matrix Metalloproteinases and Their Inducer EMMPRIN/CD147: a Promising Therapeutic Target for Intracerebral Hemorrhage. Translational Stroke Research, 0, , .	2.3	1
4039	Linking cell mechanical memory and cancer metastasis. Nature Reviews Cancer, 2024, 24, 216-228.	12.8	2
4048	The roles of collagens and fibroblasts in cancer. , 2024, , 419-434.		0
4063	Targeted nanostrategies eliminate pre-metastatic niche of cancer. Nano Research, 0, , .	5.8	0
4066	Beyond genetics: driving cancer with the tumour microenvironment behind the wheel. Nature Reviews Cancer, 2024, 24, 274-286.	12.8	1
4095	Advances of Graphene Oxide in the Field of Microbiology. , 2024, , 235-267.		0