

Hypoxia and the extracellular matrix: drivers of tumour

Nature Reviews Cancer

14, 430-439

DOI: [10.1038/nrc3726](https://doi.org/10.1038/nrc3726)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Radiolabeled Probes Targeting Hypoxia-Inducible Factor-1-Active Tumor Microenvironments. Scientific World Journal, The, 2014, 2014, 1-8.	0.8	9
2	RABbing cancer the wrong way. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11230-11231.	3.3	2
3	Lessons from patient-derived xenografts for better in vitro modeling of human cancer. Advanced Drug Delivery Reviews, 2014, 79-80, 222-237.	6.6	146
4	The hepatitis B virus-associated tumor microenvironment in hepatocellular carcinoma. National Science Review, 2014, 1, 396-412.	4.6	72
5	Acquirement of DNA copy number variations in non-small cell lung cancer metastasis to the brain. Oncology Reports, 2015, 34, 1701-1707.	1.2	18
6	Three-dimensional matrix fiber alignment modulates cell migration and MT1-MMP utility by spatially and temporally directing protrusions. Scientific Reports, 2015, 5, 14580.	1.6	183
7	Integrative DNA methylation and gene expression analysis to assess the universality of the CpG island methylator phenotype. Human Genomics, 2015, 9, 26.	1.4	16
8	The National Cancer Institute's Efforts in Promoting Research in the Tumor Microenvironment. Cancer Journal (Sudbury, Mass), 2015, 21, 263-266.	1.0	1
9	Role of microRNAs in hepatocellular carcinoma. Frontiers in Bioscience - Landmark, 2015, 20, 1056-1067.	3.0	14
10	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
11	A 3D-Printed Oxygen Control Insert for a 24-Well Plate. PLoS ONE, 2015, 10, e0137631.	1.1	40
12	Proteomic Study to Survey the CIGB-552 Antitumor Effect. BioMed Research International, 2015, 2015, 1-18.	0.9	6
13	Regulation of Hyaluronan Synthesis in Vascular Diseases and Diabetes. Journal of Diabetes Research, 2015, 2015, 1-9.	1.0	46
14	Collective cancer cell invasion induced by coordinated contractile stresses. Oncotarget, 2015, 6, 43438-43451.	0.8	70
15	WSB1 promotes tumor metastasis by inducing pVHL degradation. Genes and Development, 2015, 29, 2244-2257.	2.7	52
16	The Mechanobiology of Aging. Annual Review of Biomedical Engineering, 2015, 17, 113-141.	5.7	216
17	Combining Optical Reporter Proteins with Different Half-lives to Detect Temporal Evolution of Hypoxia and Reoxygenation in Tumors. Neoplasia, 2015, 17, 871-881.	2.3	29
18	Emerging Applications for Optically Enabled Intravital Microscopic Imaging in Radiobiology. Molecular Imaging, 2015, 14, 7290.2015.00022.	0.7	4

#	ARTICLE	IF	CITATIONS
19	Plantamajoside, a potential anti-tumor herbal medicine inhibits breast cancer growth and pulmonary metastasis by decreasing the activity of matrix metalloproteinase-9 and -2. <i>BMC Cancer</i> , 2015, 15, 965.	1.1	49
20	Metabolic and hypoxic adaptation to anti-angiogenic therapy: a target for induced essentiality. <i>EMBO Molecular Medicine</i> , 2015, 7, 368-379.	3.3	136
21	Molecular imaging of hypoxia in non-small-cell lung cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 956-976.	3.3	50
22	Multistage vector (MSV) therapeutics. <i>Journal of Controlled Release</i> , 2015, 219, 406-415.	4.8	52
23	Androgen-Induced TMPRSS2 Activates Matriptase and Promotes Extracellular Matrix Degradation, Prostate Cancer Cell Invasion, Tumor Growth, and Metastasis. <i>Cancer Research</i> , 2015, 75, 2949-2960.	0.4	128
24	Targeting Tumor Hypoxia With Hypoxia-Activated Prodrugs. <i>Journal of Clinical Oncology</i> , 2015, 33, 1505-1508.	0.8	41
25	New therapeutic targets for cancer bone metastasis. <i>Trends in Pharmacological Sciences</i> , 2015, 36, 360-373.	4.0	67
26	New trends in guided nanotherapies for digestive cancers: A systematic review. <i>Journal of Controlled Release</i> , 2015, 209, 288-307.	4.8	87
27	Collagen labelling with an azide-proline chemical reporter in live cells. <i>Chemical Communications</i> , 2015, 51, 5250-5252.	2.2	16
28	Testing the Mean Matrix in High-Dimensional Transposable Data. <i>Biometrics</i> , 2015, 71, 157-166.	0.8	8
29	Oxygen Sensing and Homeostasis. <i>Physiology</i> , 2015, 30, 340-348.	1.6	154
30	Improving drug delivery to solid tumors: Priming the tumor microenvironment. <i>Journal of Controlled Release</i> , 2015, 201, 78-89.	4.8	411
31	Collagen density regulates xenobiotic and hypoxic response of mammary epithelial cells. <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 114-124.	2.0	5
33	Integrative analysis of protein-coding and non-coding RNAs identifies clinically relevant subtypes of clear cell renal cell carcinoma. <i>Oncotarget</i> , 2016, 7, 82671-82685.	0.8	12
34	Pragmatic medicine in solid cancer: a translational alternative to precision medicine. <i>OncoTargets and Therapy</i> , 2016, 9, 1839.	1.0	6
35	Hypoxia promotes Rab5 activation, leading to tumor cell migration, invasion and metastasis. <i>Oncotarget</i> , 2016, 7, 29548-29562.	0.8	43
36	PEG-Chitosan Hydrogel with Tunable Stiffness for Study of Drug Response of Breast Cancer Cells. <i>Polymers</i> , 2016, 8, 112.	2.0	39
37	Integration of Breast Cancer Secretomes with Clinical Data Elucidates Potential Serum Markers for Disease Detection, Diagnosis, and Prognosis. <i>PLoS ONE</i> , 2016, 11, e0158296.	1.1	25

#	ARTICLE	IF	CITATIONS
38	Noncoding RNAs in Tumor Epithelial-to-Mesenchymal Transition. <i>Stem Cells International</i> , 2016, 2016, 1-13.	1.2	25
39	Dâ€Peptides as Recognition Molecules and Therapeutic Agents. <i>Chemical Record</i> , 2016, 16, 1772-1786.	2.9	48
40	Differential Kras ^{v12} protein levels control a switch regulating lung cancer cell morphology and motility. <i>Convergent Science Physical Oncology</i> , 2016, 2, 035004.	2.6	10
41	Enzymatically Regulated Peptide Pairing and Catalysis for the Bioanalysis of Extracellular Prometastatic Activities of Functionally Linked Enzymes. <i>Scientific Reports</i> , 2016, 6, 25362.	1.6	4
42	Polysialic acid sustains cancer cell survival and migratory capacity in a hypoxic environment. <i>Scientific Reports</i> , 2016, 6, 33026.	1.6	45
43	Daxx inhibits hypoxia-induced lung cancer cell metastasis by suppressing the HIF-1 \pm /HDAC1/Slug axis. <i>Nature Communications</i> , 2016, 7, 13867.	5.8	69
44	Evolution of cellular morpho-phenotypes in cancer metastasis. <i>Scientific Reports</i> , 2016, 5, 18437.	1.6	81
45	Integrated Molecular Profiling of Human Gastric Cancer Identifies DDR2 as a Potential Regulator of Peritoneal Dissemination. <i>Scientific Reports</i> , 2016, 6, 22371.	1.6	58
47	In-Depth Proteomic Quantification of Cell Secretome in Serum-Containing Conditioned Medium. <i>Analytical Chemistry</i> , 2016, 88, 4971-4978.	3.2	35
48	The ever-expanding role of HIF in tumour and stromal biology. <i>Nature Cell Biology</i> , 2016, 18, 356-365.	4.6	337
50	CD44 alternative splicing in gastric cancer cells is regulated by culture dimensionality and matrix stiffness. <i>Biomaterials</i> , 2016, 98, 152-162.	5.7	34
51	Review of optical breast imaging and spectroscopy. <i>Journal of Biomedical Optics</i> , 2016, 21, 091311.	1.4	131
52	CCN family of proteins: critical modulators of the tumor cell microenvironment. <i>Journal of Cell Communication and Signaling</i> , 2016, 10, 229-240.	1.8	59
53	Adaptive Stress Responses During Tumor Metastasis and Dormancy. <i>Trends in Cancer</i> , 2016, 2, 429-442.	3.8	84
54	Tumor microenvironment-mediated chemoresistance in breast cancer. <i>Breast</i> , 2016, 30, 92-100.	0.9	112
55	Plasticity of Cancer Cell Invasionâ€™Mechanisms and Implications for Therapy. <i>Advances in Cancer Research</i> , 2016, 132, 209-264.	1.9	71
56	Expression of the thioredoxin system in an in vivo-like cancer cell environment upon auranofin treatment. <i>European Journal of Cell Biology</i> , 2016, 95, 378-388.	1.6	4
57	Tumor macrophages are pivotal constructors of tumor collagenous matrix. <i>Journal of Experimental Medicine</i> , 2016, 213, 2315-2331.	4.2	253

#	ARTICLE	IF	CITATIONS
58	A prognostic profile of hypoxia-induced genes for localised high-grade soft tissue sarcoma. <i>British Journal of Cancer</i> , 2016, 115, 1096-1104.	2.9	10
59	Intratumoral oxygen gradients mediate sarcoma cell invasion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9292-9297.	3.3	105
60	Mitochondrial Akt Regulation of Hypoxic Tumor Reprogramming. <i>Cancer Cell</i> , 2016, 30, 257-272.	7.7	158
61	PTP1B promotes aggressiveness of breast cancer cells by regulating PTEN but not EMT. <i>Tumor Biology</i> , 2016, 37, 13479-13487.	0.8	26
62	Impact of macrophages on tumor growth characteristics in a murine ocular tumor model. <i>Experimental Eye Research</i> , 2016, 151, 9-18.	1.2	4
63	Multifaceted ability of naturally occurring polyphenols against metastatic cancer. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 394-409.	0.9	24
64	QSOX1 expression is associated with aggressive tumor features and reduced survival in breast carcinomas. <i>Modern Pathology</i> , 2016, 29, 1485-1491.	2.9	25
65	Nanodrug Delivery: Is the Enhanced Permeability and Retention Effect Sufficient for Curing Cancer?. <i>Bioconjugate Chemistry</i> , 2016, 27, 2225-2238.	1.8	726
66	Evaluating Tumor-Associated Activity of Extracellular Sulfatase by Analyzing Naturally Occurring Substrate in Tumor Microenvironment of Hepatocellular Carcinoma. <i>Analytical Chemistry</i> , 2016, 88, 12287-12293.	3.2	7
67	Progress in the research on the mechanism of bone metastasis in lung cancer. <i>Molecular and Clinical Oncology</i> , 2016, 5, 227-235.	0.4	15
68	Systems Biology of Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2016, , .	0.8	7
69	Microenvironmental Niches and Sanctuaries: A Route to Acquired Resistance. <i>Advances in Experimental Medicine and Biology</i> , 2016, 936, 149-164.	0.8	24
70	Improving treatment of liver metastases by targeting nonangiogenic mechanisms. <i>Nature Medicine</i> , 2016, 22, 1209-1210.	15.2	4
71	Anticancer effects of morin-7-sulphate sodium, a flavonoid derivative, in mouse melanoma cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 909-916.	2.5	27
72	FOXK2 Elicits Massive Transcription Repression and Suppresses the Hypoxic Response and Breast Cancer Carcinogenesis. <i>Cancer Cell</i> , 2016, 30, 708-722.	7.7	67
73	Interaction of MSC with tumor cells. <i>Cell Communication and Signaling</i> , 2016, 14, 20.	2.7	154
74	Visualisation of newly synthesised collagen in vitro and in vivo. <i>Scientific Reports</i> , 2016, 6, 18780.	1.6	18
75	Bioprinting the Cancer Microenvironment. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1710-1721.	2.6	194

#	ARTICLE	IF	CITATIONS
76	Emerging nanomedicine approaches fighting tumor metastasis: animal models, metastasis-targeted drug delivery, phototherapy, and immunotherapy. <i>Chemical Society Reviews</i> , 2016, 45, 6250-6269.	18.7	365
77	Monitoring vascular normalization induced by antiangiogenic treatment with ¹⁸ F-fluoromisonidazole-PET. <i>Molecular Oncology</i> , 2016, 10, 704-718.	2.1	36
78	Clinical relevance of the tumor microenvironment and immune escape of oral squamous cell carcinoma. <i>Journal of Translational Medicine</i> , 2016, 14, 85.	1.8	79
79	Tumour-suppressive miRNA-26a-5p and miR-26b-5p inhibit cell aggressiveness by regulating PLOD2 in bladder cancer. <i>British Journal of Cancer</i> , 2016, 115, 354-363.	2.9	127
80	3D tissue engineered micro-tumors for optical-based therapeutic screening platform. , 2016, , .		0
81	Structural ECM components in the premetastatic and metastatic niche. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 310, C955-C967.	2.1	92
82	Epithelial-mesenchymal transition: a new target in anticancer drug discovery. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 311-325.	21.5	290
83	Suppression for lung metastasis by depletion of collagen I and lysyl oxidase via losartan assisted with paclitaxel-loaded pH-sensitive liposomes in breast cancer. <i>Drug Delivery</i> , 2016, 23, 2970-2979.	2.5	23
84	Differential regulation and synthetic lethality of exclusive RB1 and CDKN2A mutations in lung cancer. <i>International Journal of Oncology</i> , 2016, 48, 367-375.	1.4	19
85	Regulation of the collagen cross-linking enzymes LOXL2 and PLOD2 by tumor-suppressive microRNA-26a/b in renal cell carcinoma. <i>International Journal of Oncology</i> , 2016, 48, 1837-1846.	1.4	70
86	Comparative analysis of transcriptomics based hypoxia signatures in head- and neck squamous cell carcinoma. <i>Radiotherapy and Oncology</i> , 2016, 118, 350-358.	0.3	62
87	Drug Discovery Approaches Utilizing Three-Dimensional Cell Culture. <i>Assay and Drug Development Technologies</i> , 2016, 14, 19-28.	0.6	85
88	Extracellular vesicles in ovarian cancer: applications to tumor biology, immunotherapy and biomarker discovery. <i>Expert Review of Proteomics</i> , 2016, 13, 395-409.	1.3	60
89	Impact of the physical microenvironment on tumor progression and metastasis. <i>Current Opinion in Biotechnology</i> , 2016, 40, 41-48.	3.3	437
90	Electrochemical Detection and Distribution Analysis of β -Catenin for the Evaluation of Invasion and Metastasis in Hepatocellular Carcinoma. <i>Analytical Chemistry</i> , 2016, 88, 3879-3884.	3.2	4
91	β -Solanine inhibits vascular endothelial growth factor expression by down-regulating the ERK1/2-HIF-1 α and STAT3 signaling pathways. <i>European Journal of Pharmacology</i> , 2016, 771, 93-98.	1.7	26
92	Egr-1 promotes hypoxia-induced autophagy to enhance chemo-resistance of hepatocellular carcinoma cells. <i>Experimental Cell Research</i> , 2016, 340, 62-70.	1.2	44
93	Synergistic role of three dimensional niche and hypoxia on conservation of cancer stem cell phenotype. <i>International Journal of Biological Macromolecules</i> , 2016, 90, 20-26.	3.6	14

#	ARTICLE	IF	CITATIONS
94	Tumor Heterogeneityâ€”A â€”Contemporary Conceptâ€”™ Founded on Historical Insights and Predictions. <i>Cancer Research</i> , 2016, 76, 4-6.	0.4	125
95	Real-time imaging of cancer cell chemotaxis in paper-based scaffolds. <i>Analyst, The</i> , 2016, 141, 661-668.	1.7	41
96	Cancer cell aggregate hypoxia visualized in vitro via biocompatible fiber sensors. <i>Biomaterials</i> , 2016, 76, 208-217.	5.7	22
97	Forcing through Tumor Metastasis: The Interplay between Tissue Rigidity and Epithelialâ€”Mesenchymal Transition. <i>Trends in Cell Biology</i> , 2016, 26, 111-120.	3.6	175
98	Tumor-suppressive microRNAs (miR-26a/b, miR-29a/b/c and miR-218) concertedly suppressed metastasis-promoting LOXL2 in head and neck squamous cell carcinoma. <i>Journal of Human Genetics</i> , 2016, 61, 109-118.	1.1	59
99	Urothelial cancer associated 1: a long noncoding RNA with a crucial role in cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2016, 142, 1407-1419.	1.2	145
100	The hypoxic tumor microenvironment: A driving force for breast cancer progression. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 382-391.	1.9	418
101	Cinnamaldehyde induces apoptosis and reverses epithelial-mesenchymal transition through inhibition of Wnt/ β -catenin pathway in non-small cell lung cancer. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 84, 58-74.	1.2	45
102	Phenotypic heterogeneity of disseminated tumour cells is preset by primary tumour hypoxic microenvironments. <i>Nature Cell Biology</i> , 2017, 19, 120-132.	4.6	258
103	Tumour mechanopathology: Cutting the stress out. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	9
104	Droplet-based microtumor model to assess cell-ECM interactions and drug resistance of gastric cancer cells. <i>Scientific Reports</i> , 2017, 7, 41541.	1.6	47
105	A combination of low-dose bevacizumab and imatinib enhances vascular normalisation without inducing extracellular matrix deposition. <i>British Journal of Cancer</i> , 2017, 116, 600-608.	2.9	25
106	Cancer stem cell niche models and contribution by mesenchymal stroma/stem cells. <i>Molecular Cancer</i> , 2017, 16, 28.	7.9	106
107	Hypoxic behavior in cells under controlled microfluidic environment. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 759-771.	1.1	10
108	Higher densities of Foxp3+ regulatory T cells are associated with better prognosis in triple-negative breast cancer. <i>Breast Cancer Research and Treatment</i> , 2017, 163, 21-35.	1.1	102
109	Secreted CLIC3 drives cancer progression through its glutathione-dependent oxidoreductase activity. <i>Nature Communications</i> , 2017, 8, 14206.	5.8	81
110	Intra-tumor heterogeneity from a cancer stem cell perspective. <i>Molecular Cancer</i> , 2017, 16, 41.	7.9	533
111	Hypoxia Selectively Enhances Integrin α 5 β 1 Receptor Expression in Breast Cancer to Promote Metastasis. <i>Molecular Cancer Research</i> , 2017, 15, 723-734.	1.5	99

#	ARTICLE	IF	CITATIONS
112	Two-Layer Elastographic 3-D Traction Force Microscopy. <i>Scientific Reports</i> , 2017, 7, 39315.	1.6	23
113	1 \pm ,25(OH) 2D3 Sensitive Cytosolic pH Regulation and Glycolytic Flux in Human Endometrial Ishikawa Cells. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 678-688.	1.1	5
114	Expression of Lysyl Oxidase Predictive of Distant Metastasis of Laryngeal Cancer. <i>Otolaryngology - Head and Neck Surgery</i> , 2017, 156, 489-497.	1.1	12
115	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
116	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
117	A non-equilibrium thermodynamic model for tumor extracellular matrix with enzymatic degradation. <i>Journal of the Mechanics and Physics of Solids</i> , 2017, 104, 32-56.	2.3	32
118	Cancer diagnostics: On-target probes for early detection. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	8
119	PLOD2 in cancer research. <i>Biomedicine and Pharmacotherapy</i> , 2017, 90, 670-676.	2.5	66
120	Hypoxic pathobiology of breast cancer metastasis. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2017, 1868, 239-245.	3.3	44
121	Exploring the Potential of Nanotherapeutics in Targeting Tumor Microenvironment for Cancer Therapy. <i>Pharmacological Research</i> , 2017, 126, 109-122.	3.1	59
122	Hypoxia induces oncogene yes-associated protein 1 nuclear translocation to promote pancreatic ductal adenocarcinoma invasion via epithelial \rightarrow mesenchymal transition. <i>Tumor Biology</i> , 2017, 39, 101042831769168.	0.8	18
123	Plastic Heterogeneity of Innate Lymphoid Cells in Cancer. <i>Trends in Cancer</i> , 2017, 3, 326-335.	3.8	23
124	Comparing the therapeutic potential of thermosensitive liposomes and hyperthermia in two distinct subtypes of breast cancer. <i>Journal of Controlled Release</i> , 2017, 258, 34-42.	4.8	19
125	Design of nanocarriers for nanoscale drug delivery to enhance cancer treatment using hybrid polymer and lipid building blocks. <i>Nanoscale</i> , 2017, 9, 1334-1355.	2.8	132
126	The induction of MIG6 under hypoxic conditions is critical for dormancy in primary cultured lung cancer cells with activating EGFR mutations. <i>Oncogene</i> , 2017, 36, 2824-2834.	2.6	39
127	Nanoparticle design strategies for enhanced anticancer therapy by exploiting the tumour microenvironment. <i>Chemical Society Reviews</i> , 2017, 46, 3830-3852.	18.7	719
128	Laser-induced generation of singlet oxygen and its role in the cerebrovascular physiology. <i>Progress in Quantum Electronics</i> , 2017, 55, 112-128.	3.5	20
129	Synergistic IL-6 and IL-8 paracrine signalling pathway infers a strategy to inhibit tumour cell migration. <i>Nature Communications</i> , 2017, 8, 15584.	5.8	133

#	ARTICLE	IF	CITATIONS
130	Downâ€‘regulation of cyclinâ€‘dependent kinase-4 and MAPK through estrogen receptor mediated cell cycle arrest in human breast cancer induced by gold nanoparticle tagged toxin protein NKCT1. <i>Chemico-Biological Interactions</i> , 2017, 268, 119-128.	1.7	11
131	Metabolic reprogramming in cancer cells, consequences on pH and tumour progression: Integrated therapeutic perspectives with dietary lipids as adjuvant to anticancer treatment. <i>Seminars in Cancer Biology</i> , 2017, 43, 90-110.	4.3	25
132	Transformable Nanomaterials as an Artificial Extracellular Matrix for Inhibiting Tumor Invasion and Metastasis. <i>ACS Nano</i> , 2017, 11, 4086-4096.	7.3	165
133	Expression of hypoxia-induced factor-1 alpha in early-stage and in metastatic oral squamous cell carcinoma. <i>Tumor Biology</i> , 2017, 39, 101042831769552.	0.8	10
134	An Engineered Cellâ€‘Instructive Stroma for the Fabrication of a Novel Full Thickness Human Cervix Equivalent In Vitro. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601199.	3.9	24
135	Comprehensive study on cellular morphologies, proliferation, motility, and epithelialâ€‘mesenchymal transition of breast cancer cells incubated on electrospun polymeric fiber substrates. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2588-2600.	2.9	22
136	Effects of <i>Scutellaria barbata</i> polysaccharide on the proliferation, apoptosis and EMT of human colon cancer HT29 Cells. <i>Carbohydrate Polymers</i> , 2017, 167, 90-96.	5.1	56
137	The challenge of targeting cancer stem cells to halt metastasis. <i>Seminars in Cancer Biology</i> , 2017, 44, 25-42.	4.3	154
138	Estrogen stabilizes hypoxia-inducible factor 1 α through G protein-coupled estrogen receptor 1 in eutopic endometrium of endometriosis. <i>Fertility and Sterility</i> , 2017, 107, 439-447.	0.5	34
140	Cancer as an ecomolecular disease and a neoplastic consortium. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2017, 1868, 484-499.	3.3	14
141	LAMP3 promotes the invasion of osteosarcoma cells via SPP1 signaling. <i>Molecular Medicine Reports</i> , 2017, 16, 5947-5953.	1.1	19
142	Network analysis of EMT and MET micro-RNA regulation in breast cancer. <i>Scientific Reports</i> , 2017, 7, 13534.	1.6	48
143	A microfluidic oxygen gradient demonstrates differential activation of the hypoxia-regulated transcription factors HIF-1 α and HIF-2 α . <i>Integrative Biology (United Kingdom)</i> , 2017, 9, 742-750.	0.6	25
144	Role of the Extracellular Matrix in Tumor Stroma: Barrier or Support?. , 2017, , 77-112.		0
145	Metabolic Regulation of T Cell Immunity. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1011, 87-130.	0.8	5
146	Analyzing normal proliferating, hypoxic and necrotic regions of T-47D human breast cancer spheroids using Raman spectroscopy. <i>Applied Spectroscopy Reviews</i> , 2017, 52, 909-924.	3.4	14
147	Evaluation of xenogeneic extracellular matrix fabricated from CuCl ₂ -conditioned mesenchymal stem cell sheets as a bioactive wound dressing material. <i>Journal of Biomaterials Applications</i> , 2017, 32, 472-483.	1.2	9
148	Cell Spheroids with Enhanced Aggressiveness to Mimic Human Liver Cancer In Vitro and In Vivo. <i>Scientific Reports</i> , 2017, 7, 10499.	1.6	60

#	ARTICLE	IF	CITATIONS
149	A metal- <i>semiconductor</i> nanocomposite as an efficient oxygen-independent photosensitizer for photodynamic tumor therapy. <i>Nanoscale Horizons</i> , 2017, 2, 349-355.	4.1	34
150	Hypoxia and Redox Signaling on Extracellular Matrix Remodeling: From Mechanisms to Pathological Implications. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 802-822.	2.5	15
151	Kindlin-2 could influence breast nodule elasticity and improve lymph node metastasis in invasive breast cancer. <i>Scientific Reports</i> , 2017, 7, 6753.	1.6	8
152	Exploring Heteroaryl-pyrazole Carboxylic Acids as Human Carbonic Anhydrase XII Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 941-946.	1.3	23
153	Cancer Cell Membrane- <i>Biomimetic Oxygen Nanocarrier for Breaking Hypoxia-Induced Chemoresistance</i> . <i>Advanced Functional Materials</i> , 2017, 27, 1703197.	7.8	203
154	Mechanisms that drive inflammatory tumor microenvironment, tumor heterogeneity, and metastatic progression. <i>Seminars in Cancer Biology</i> , 2017, 47, 185-195.	4.3	114
155	ESPEN expert group recommendations for action against cancer-related malnutrition. <i>Clinical Nutrition</i> , 2017, 36, 1187-1196.	2.3	758
156	Nicotinic acid impairs assembly of leading edge in glioma cells. <i>Oncology Reports</i> , 2017, 38, 829-836.	1.2	12
157	Hypoxia and TGF- β 1 induced PLOD2 expression improve the migration and invasion of cervical cancer cells by promoting epithelial-to-mesenchymal transition (EMT) and focal adhesion formation. <i>Cancer Cell International</i> , 2017, 17, 54.	1.8	58
158	Identification of Interacting Stromal Axes in Triple-Negative Breast Cancer. <i>Cancer Research</i> , 2017, 77, 4673-4683.	0.4	25
159	Tumour-associated mesenchymal stem/stromal cells: emerging therapeutic targets. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 35-52.	21.5	344
160	Friend or foe?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2017, 1867, 1-18.	3.3	54
161	Reciprocal Regulation between the Circadian Clock and Hypoxia Signaling at the Genome Level in Mammals. <i>Cell Metabolism</i> , 2017, 25, 73-85.	7.2	215
162	ZEB1 induces LOXL2-mediated collagen stabilization and deposition in the extracellular matrix to drive lung cancer invasion and metastasis. <i>Oncogene</i> , 2017, 36, 1925-1938.	2.6	165
163	The role of type <i>II</i> transmembrane serine protease-mediated signaling in cancer. <i>FEBS Journal</i> , 2017, 284, 1421-1436.	2.2	100
164	Opposite response to hypoxia by breast cancer cells between cell proliferation and cell migration: A clue from microRNA expression profile. <i>Oncology Letters</i> , 2018, 15, 2771-2780.	0.8	10
165	Function of insulin-like growth factor 1 receptor in cancer resistance to chemotherapy (Review). <i>Oncology Letters</i> , 2018, 15, 41-47.	0.8	60
166	Association between lysyl oxidase and fibrotic focus in relation with inflammation in breast cancer. <i>Oncology Letters</i> , 2018, 15, 2431-2440.	0.8	37

#	ARTICLE	IF	CITATIONS
167	Cystatin C deficiency suppresses tumor growth in a breast cancer model through decreased proliferation of tumor cells. <i>Oncotarget</i> , 2017, 8, 73793-73809.	0.8	22
168	Biomimetic Strategies for the Glioblastoma Microenvironment. <i>Frontiers in Materials</i> , 2017, 4, .	1.2	24
169	CRISPR Libraries and Screening. <i>Progress in Molecular Biology and Translational Science</i> , 2017, 152, 69-82.	0.9	12
170	Paxillin facilitates timely neurite initiation on soft-substrate environments by interacting with the endocytic machinery. <i>ELife</i> , 2017, 6, .	2.8	27
171	Growth Factor-Reinforced ECM Fabricated from Chemically Hypoxic MSC Sheet with Improved In Vivo Wound Repair Activity. <i>BioMed Research International</i> , 2017, 2017, 1-11.	0.9	12
172	The Cancer Stem Cell Niche. , 2017, , 167-184.		2
173	pH-Sensitive Nano-Complexes Overcome Drug Resistance and Inhibit Metastasis of Breast Cancer by Silencing Akt Expression. <i>Theranostics</i> , 2017, 7, 4204-4216.	4.6	45
174	The prognostic and clinicopathologic characteristics of CD147 and esophagus cancer: A meta-analysis. <i>PLoS ONE</i> , 2017, 12, e0180271.	1.1	17
175	PML promotes metastasis of triple-negative breast cancer through transcriptional regulation of HIF1A target genes. <i>JCI Insight</i> , 2017, 2, e87380.	2.3	36
176	Development of Human Interleukin-6 electrochemical Immunosensor Based on Pt-Pd Nanocomposite for Evaluation of Intervertebral Disc Degeneration. <i>International Journal of Electrochemical Science</i> , 2017, , 11646-11655.	0.5	5
177	Mesenchymal traits at the convergence of tumor-intrinsic and -extrinsic mechanisms of resistance to immune checkpoint blockers. <i>Emerging Topics in Life Sciences</i> , 2017, 1, 471-486.	1.1	5
178	Cellular Morphology-Mediated Proliferation and Drug Sensitivity of Breast Cancer Cells. <i>Journal of Functional Biomaterials</i> , 2017, 8, 18.	1.8	20
179	Hypoxia-Induced TPM2 Methylation is Associated with Chemoresistance and Poor Prognosis in Breast Cancer. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 692-705.	1.1	41
180	Reciprocal modulation of mesenchymal stem cells and tumor cells promotes lung cancer metastasis. <i>EBioMedicine</i> , 2018, 29, 128-145.	2.7	50
181	Emerging Topics on Disseminated Cancer Cell Dormancy and the Paradigm of Metastasis. <i>Annual Review of Cancer Biology</i> , 2018, 2, 377-393.	2.3	72
182	Regulation of Signal Transduction in Human Cell Research. <i>Current Human Cell Research and Applications</i> , 2018, , .	0.1	0
183	A HIF-independent, CD133-mediated mechanism of cisplatin resistance in glioblastoma cells. <i>Cellular Oncology (Dordrecht)</i> , 2018, 41, 319-328.	2.1	53
184	The post-translational modification, SUMOylation, and cancer (Review). <i>International Journal of Oncology</i> , 2018, 52, 1081-1094.	1.4	138

#	ARTICLE	IF	CITATIONS
185	Identification of candidate genes and long non-coding RNAs associated with the effect of ATP5J in colorectal cancer. <i>International Journal of Oncology</i> , 2018, 52, 1129-1138.	1.4	4
186	PAI-1, CAIX, and VEGFA expressions as prognosis markers in oral squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , 2018, 47, 566-574.	1.4	31
187	Possible modifier genes in the variation of neurofibromatosis type 1 clinical phenotypes. <i>Journal of Neurogenetics</i> , 2018, 32, 65-77.	0.6	18
188	Comparative Serum Challenges Show Divergent Patterns of Gene Expression and Open Chromatin in Human and Chimpanzee. <i>Genome Biology and Evolution</i> , 2018, 10, 826-839.	1.1	21
189	PLOD2 as a potential regulator of peritoneal dissemination in gastric cancer. <i>International Journal of Cancer</i> , 2018, 143, 1202-1211.	2.3	33
190	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
191	Bone marrow-derived fibrocytes promote stem cell-like properties of lung cancer cells. <i>Cancer Letters</i> , 2018, 421, 17-27.	3.2	17
192	Enhancing proliferation and optimizing the culture condition for human bone marrow stromal cells using hypoxia and fibroblast growth factor-2. <i>Stem Cell Research</i> , 2018, 28, 87-95.	0.3	18
193	The Role of Tumor-Associated Macrophages in Colorectal Carcinoma Progression. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 356-365.	1.1	95
194	Oxidative Phosphorylation as an Emerging Target in Cancer Therapy. <i>Clinical Cancer Research</i> , 2018, 24, 2482-2490.	3.2	687
195	Loss of disease tolerance during <i>Citrobacter rodentium</i> infection is associated with impaired epithelial differentiation and hyperactivation of T cell responses. <i>Scientific Reports</i> , 2018, 8, 847.	1.6	15
196	Tumor Hypoxia As an Enhancer of Inflammation-Mediated Metastasis: Emerging Therapeutic Strategies. <i>Targeted Oncology</i> , 2018, 13, 157-173.	1.7	22
197	Review of microfluidic cell culture devices for the control of gaseous microenvironments in vitro. <i>Journal of Micromechanics and Microengineering</i> , 2018, 28, 043001.	1.5	21
198	A core matrisome gene signature predicts cancer outcome. <i>British Journal of Cancer</i> , 2018, 118, 435-440.	2.9	100
199	The hypoxic tumour microenvironment. <i>Oncogenesis</i> , 2018, 7, 10.	2.1	722
200	Cancer Associated Fibroblasts: The Architects of Stroma Remodeling. <i>Proteomics</i> , 2018, 18, e1700167.	1.3	169
201	Phagocyte-extracellular matrix crosstalk empowers tumor development and dissemination. <i>FEBS Journal</i> , 2018, 285, 734-751.	2.2	32
202	Comprehensive Characterization of Alternative Polyadenylation in Human Cancer. <i>Journal of the National Cancer Institute</i> , 2018, 110, 379-389.	3.0	111

#	ARTICLE	IF	CITATIONS
203	Identifying Condition-Specific Modules by Clustering Multiple Networks. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2018, 15, 1636-1648.	1.9	20
204	Therapeutic journey of nitrogen mustard as alkylating anticancer agents: Historic to future perspectives. <i>European Journal of Medicinal Chemistry</i> , 2018, 151, 401-433.	2.6	184
205	Integrated omics profiling identifies hypoxia-regulated genes in HCT116 colon cancer cells. <i>Journal of Proteomics</i> , 2018, 188, 139-151.	1.2	13
206	Photooxidatively crosslinked acellular tumor extracellular matrices as potential tumor engineering scaffolds. <i>Acta Biomaterialia</i> , 2018, 71, 460-473.	4.1	12
207	Circulating tumor cell isolation, culture, and downstream molecular analysis. <i>Biotechnology Advances</i> , 2018, 36, 1063-1078.	6.0	173
208	The tumour microenvironment links complement system dysregulation and hypoxic signalling. <i>British Journal of Radiology</i> , 2019, 92, 20180069.	1.0	10
209	Clinical and prognostic value of the Ca ²⁺ /Met/HGF signaling pathway in cervical cancer. <i>Journal of Cellular Physiology</i> , 2018, 233, 4490-4496.	2.0	38
210	Predicting the role of microstructural and biomechanical cues in tumor growth and spreading. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2018, 34, e2935.	1.0	7
211	Intermittent hypoxia and cancer: Undesirable bed partners?. <i>Respiratory Physiology and Neurobiology</i> , 2018, 256, 79-86.	0.7	46
212	Mathematical Model for Tissue-Level Hypoxic Response in Microfluidic Environment. <i>Journal of Biomechanical Engineering</i> , 2018, 140, .	0.6	4
213	Paving the Rho in cancer metastasis: Rho GTPases and beyond. , 2018, 183, 1-21.		132
214	Building Better Tumor Models: Organoid Systems to Investigate Angiogenesis. <i>Cancer Drug Discovery and Development</i> , 2018, , 117-148.	0.2	2
215	Cancer-derived extracellular vesicles: friend and foe of tumour immunosurveillance. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160481.	1.8	68
216	Established Models and New Paradigms for Hypoxia-Driven Cancer-Associated Bone Disease. <i>Calcified Tissue International</i> , 2018, 102, 163-173.	1.5	10
217	Prognostic value and molecular correlates of a CT image-based quantitative pleural contact index in early stage NSCLC. <i>European Radiology</i> , 2018, 28, 736-746.	2.3	17
218	Validation of a hypoxia related gene signature in multiple soft tissue sarcoma cohorts. <i>Oncotarget</i> , 2018, 9, 3946-3955.	0.8	35
219	Radiation Therapy-Induced Metastasis Promotes Secondary Malignancy in Cancer Patients. , 2018, , .		1
220	Multipotent Mesenchymal Stromal Cells and Extracellular Matrix: Regulation under Hypoxia. <i>Human Physiology</i> , 2018, 44, 696-705.	0.1	5

#	ARTICLE	IF	CITATIONS
221	Interaction study of cancer cells and fibroblasts on a spatially confined oxygen gradient microfluidic chip to investigate the tumor microenvironment. <i>Analyst, The</i> , 2018, 143, 5431-5437.	1.7	15
222	Collagenase-Encapsulated pH-Responsive Nanoscale Coordination Polymers for Tumor Microenvironment Modulation and Enhanced Photodynamic Nanomedicine. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 43493-43502.	4.0	56
223	Reduced Uteroplacental Perfusion Pressure (RUPP) causes altered trophoblast differentiation and pericyte reduction in the mouse placenta labyrinth. <i>Scientific Reports</i> , 2018, 8, 17162.	1.6	30
224	Radiation-Induced Alterations in the Recurrent Glioblastoma Microenvironment: Therapeutic Implications. <i>Frontiers in Oncology</i> , 2018, 8, 503.	1.3	63
225	Hypoxia Stimulates the Epithelial-to-Mesenchymal Transition in Lung Cancer Cells Through Accumulation of Nuclear β -Catenin. <i>Anticancer Research</i> , 2018, 38, 6299-6308.	0.5	26
226	A software tool for the quantification of metastatic colony growth dynamics and size distributions in vitro and in vivo. <i>PLoS ONE</i> , 2018, 13, e0209591.	1.1	3
227	A Liposomal Platform for Sensing of Extracellular Analytes Near Cells. <i>Biosensors</i> , 2018, 8, 117.	2.3	4
228	MicroRNA-101 protects bladder of BOO from hypoxia-induced fibrosis by attenuating TGF β 2/3 signaling. <i>IUBMB Life</i> , 2019, 71, 235-243.	1.5	17
229	Differential responses of <i>Lasiopodomys mandarinus</i> and <i>Lasiopodomys brandtii</i> to chronic hypoxia: a cross-species brain transcriptome analysis. <i>BMC Genomics</i> , 2018, 19, 901.	1.2	14
230	Oral Submucous Fibrosis as an Overhealing Wound: Implications in Malignant Transformation. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2018, 13, 272-291.	0.8	33
231	Overexpression of FNDC1 in Gastric Cancer and its Prognostic Significance. <i>Journal of Cancer</i> , 2018, 9, 4586-4595.	1.2	38
232	Role of Extracellular Matrix in Development and Cancer Progression. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3028.	1.8	735
233	The receptor tyrosine kinase HIR-1 coordinates HIF-independent responses to hypoxia and extracellular matrix injury. <i>Science Signaling</i> , 2018, 11, .	1.6	19
234	BHLHE40 confers a pro-survival and pro-metastatic phenotype to breast cancer cells by modulating HBEGF secretion. <i>Breast Cancer Research</i> , 2018, 20, 117.	2.2	43
235	The Role of the Extracellular Matrix and Its Molecular and Cellular Regulators in Cancer Cell Plasticity. <i>Frontiers in Oncology</i> , 2018, 8, 431.	1.3	267
236	Emerging evidence of the molecular landscape specific for hematogenous metastasis from gastric cancer. <i>World Journal of Gastrointestinal Oncology</i> , 2018, 10, 124-136.	0.8	18
237	Early redox activities modulate <i>Xenopus</i> tail regeneration. <i>Nature Communications</i> , 2018, 9, 4296.	5.8	56
238	p53 mutants cooperate with HIF-1 in transcriptional regulation of extracellular matrix components to promote tumor progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10869-E10878.	3.3	102

#	ARTICLE	IF	CITATIONS
239	<i>P4HA3</i> is Epigenetically Activated by Slug in Gastric Cancer and its Deregulation is Associated With Enhanced Metastasis and Poor Survival. <i>Technology in Cancer Research and Treatment</i> , 2018, 17, 153303381879648.	0.8	27
240	Intermittent Hypoxia Mimicking Sleep Apnea Increases Passive Stiffness of Myocardial Extracellular Matrix. A Multiscale Study. <i>Frontiers in Physiology</i> , 2018, 9, 1143.	1.3	32
241	The role of hypoxic signalling in metastasis: towards translating knowledge of basic biology into novel anti-tumour strategies. <i>Clinical and Experimental Metastasis</i> , 2018, 35, 563-599.	1.7	25
242	Structural and spectroscopic investigations of redox active seven coordinate luminescent lanthanide complexes. <i>Inorganica Chimica Acta</i> , 2018, 483, 609-617.	1.2	14
243	Stimulus-responsive gold nanotheranostic platforms for targeting the tumor microenvironment. <i>Nano Today</i> , 2018, 22, 83-99.	6.2	42
244	Photodynamic therapy corrects abnormal cancer-associated gene expression observed in actinic keratosis lesions and induces a remodeling effect in photodamaged skin. <i>Journal of Dermatological Science</i> , 2018, 91, 206-218.	1.0	10
245	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
246	Hierarchical Multiplexing Nanodroplets for Imaging-Guided Cancer Radiotherapy via DNA Damage Enhancement and Concomitant DNA Repair Prevention. <i>ACS Nano</i> , 2018, 12, 5684-5698.	7.3	83
247	Stem Cell Therapies for Wound Healing. <i>Recent Clinical Techniques, Results, and Research in Wounds</i> , 2018, , 301-314.	0.1	1
248	A rationally designed NRP1-independent superagonist SEMA3A mutant is an effective anticancer agent. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	46
249	Normalizing Tumor Microenvironment Based on Photosynthetic Abiotic/Biotic Nanoparticles. <i>ACS Nano</i> , 2018, 12, 6218-6227.	7.3	73
250	The Biophysics of 3D Cell Migration. <i>Annual Review of Biophysics</i> , 2018, 47, 549-567.	4.5	35
251	Engineering of a near-infrared fluorescent probe for real-time simultaneous visualization of intracellular hypoxia and induced mitophagy. <i>Chemical Science</i> , 2018, 9, 5347-5353.	3.7	129
252	Chronic Inflammation in Asthma. , 2018, , 309-318.		1
253	A General Framework for Interrogation of mRNA Stability Programs Identifies RNA-Binding Proteins that Govern Cancer Transcriptomes. <i>Cell Reports</i> , 2018, 23, 1639-1650.	2.9	56
254	Hypoxia promotes breast cancer cell invasion through HIF-1 α -mediated up-regulation of the invadopodial actin bundling protein CSRP2. <i>Scientific Reports</i> , 2018, 8, 10191.	1.6	59
255	Tissue-Penetrating, Hypoxia-Responsive Echogenic Polymersomes For Drug Delivery To Solid Tumors. <i>Chemistry - A European Journal</i> , 2018, 24, 12490-12494.	1.7	30
256	How Tumor Cells Choose Between Epithelial-Mesenchymal Transition and Autophagy to Resist Stress—Therapeutic Implications. <i>Frontiers in Pharmacology</i> , 2018, 9, 714.	1.6	13

#	ARTICLE	IF	CITATIONS
257	Efficacy of inverso isomer of CendR peptide on tumor tissue penetration. <i>Acta Pharmaceutica Sinica B</i> , 2018, 8, 825-832.	5.7	16
258	The Different Routes to Metastasis via Hypoxia-Regulated Programs. <i>Trends in Cell Biology</i> , 2018, 28, 941-956.	3.6	83
259	EGFR-targeted photodynamic therapy by curcumin-encapsulated chitosan/TPP nanoparticles. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 903-916.	3.3	80
260	Context-dependent AMPK activation distinctly regulates TAp73 stability and transcriptional activity. <i>Signal Transduction and Targeted Therapy</i> , 2018, 3, 20.	7.1	2
261	The Role for Myc in Coordinating Glycolysis, Oxidative Phosphorylation, Glutaminolysis, and Fatty Acid Metabolism in Normal and Neoplastic Tissues. <i>Frontiers in Endocrinology</i> , 2018, 9, 129.	1.5	142
262	Hypoxia Pathway Proteins As Central Mediators of Metabolism in the Tumor Cells and Their Microenvironment. <i>Frontiers in Immunology</i> , 2018, 9, 40.	2.2	110
263	Targeting Autophagy in the Tumor Microenvironment: New Challenges and Opportunities for Regulating Tumor Immunity. <i>Frontiers in Immunology</i> , 2018, 9, 887.	2.2	63
264	Active Role of the Necrotic Zone in Desensitization of Hypoxic Macrophages and Regulation of CSC-Fate: A hypothesis. <i>Frontiers in Oncology</i> , 2018, 8, 235.	1.3	24
265	Kv3.1 and Kv3.4, Are Involved in Cancer Cell Migration and Invasion. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1061.	1.8	28
266	A Versatile Pt-Based Core-Shell Nanoplatform as a Nanofactory for Enhanced Tumor Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1801783.	7.8	106
267	Explaining the dynamics of tumor aggressiveness: At the crossroads between biology, artificial intelligence and complex systems. <i>Seminars in Cancer Biology</i> , 2018, 53, 42-47.	4.3	19
268	A Systems Biology Approach to Understanding the Pathophysiology of High-Grade Serous Ovarian Cancer: Focus on Iron and Fatty Acid Metabolism. <i>OMICS A Journal of Integrative Biology</i> , 2018, 22, 502-513.	1.0	13
269	Hydrogels as a New Platform to Recapitulate the Tumor Microenvironment. , 2018, , 463-494.		9
270	Permeability and viscoelastic fracture of a model tumor under interstitial flow. <i>Soft Matter</i> , 2018, 14, 6386-6392.	1.2	10
271	Modeling triple-negative breast cancer heterogeneity: Effects of stromal macrophages, fibroblasts and tumor vasculature. <i>Journal of Theoretical Biology</i> , 2018, 452, 56-68.	0.8	54
272	Increased extracellular matrix density disrupts E-cadherin/ β 2-catenin complex in gastric cancer cells. <i>Biomaterials Science</i> , 2018, 6, 2704-2713.	2.6	47
273	Hypoxia is involved in the reduction of HtrA3 in patients with endometrial hyperplasia and cancer. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 2918-2923.	1.0	17
274	Cellular pharmacology of evofosfamide (TH-302): A critical re-evaluation of its bystander effects. <i>Biochemical Pharmacology</i> , 2018, 156, 265-280.	2.0	22

#	ARTICLE	IF	CITATIONS
275	Ultrasound Triggered Conversion of Porphyrin/Camptothecin-Fluorouracil Triad Microbubbles into Nanoparticles Overcomes Multidrug Resistance in Colorectal Cancer. <i>ACS Nano</i> , 2018, 12, 7312-7326.	7.3	115
276	SN-38 Acts as a Radiosensitizer for Colorectal Cancer by Inhibiting the Radiation-induced Up-regulation of HIF-1 α . <i>Anticancer Research</i> , 2018, 38, 3323-3331.	0.5	21
277	High throughput scaffold-based 3D micro-tumor array for efficient drug screening and chemosensitivity testing. <i>Biomaterials</i> , 2019, 198, 167-179.	5.7	50
278	Role of glycosylation in hypoxia-driven cell migration and invasion. <i>Cell Adhesion and Migration</i> , 2019, 13, 13-22.	1.1	21
279	The cancer matrisome: From comprehensive characterization to biomarker discovery. <i>Seminars in Cell and Developmental Biology</i> , 2019, 89, 157-166.	2.3	130
280	Rational Design of Nanoparticles to Overcome Poor Tumor Penetration and Hypoxia-Induced Chemotherapy Resistance: Combination of Optimizing Size and Self-Inducing High Level of Reactive Oxygen Species. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31743-31754.	4.0	32
281	Enhancement of cisplatin efficacy by lipid α -CaO ₂ nanocarrier-mediated comprehensive modulation of the tumor microenvironment. <i>Biomaterials Science</i> , 2019, 7, 4260-4272.	2.6	48
282	Role of the Exosome in Ovarian Cancer Progression and Its Potential as a Therapeutic Target. <i>Cancers</i> , 2019, 11, 1147.	1.7	54
283	Hypoxia-reprogrammed tricarboxylic acid cycle promotes the growth of human breast tumorigenic cells. <i>Oncogene</i> , 2019, 38, 6970-6984.	2.6	60
284	Design of Phthalocyanine α -Nanoparticle Hybrids for Photodynamic Therapy Applications in Oxygen α -Deficient Tumour Environment. <i>ChemistrySelect</i> , 2019, 4, 9084-9095.	0.7	4
285	Mechanically and chemically defined hydrogel matrices for patient-derived colorectal tumor organoid culture. <i>Biomaterials</i> , 2019, 219, 119400.	5.7	60
286	Self-Assembled Indomethacin Dimer Nanoparticles Loaded with Doxorubicin for Combination Therapy in Resistant Breast Cancer. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 28597-28609.	4.0	24
287	Photoacoustic imaging as a tool to probe the tumour microenvironment. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	1.2	57
288	Scaffolds with a High Surface Area-to-Volume Ratio and Cultured Under Fast Flow Perfusion Result in Optimal O ₂ Delivery to the Cells in Artificial Bone Tissues. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2381.	1.3	15
289	The Expression, Regulation, and Biomarker Potential of Glypican-1 in Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 614.	1.3	44
290	Azoreductase-Responsive Metal α -Organic Framework-Based Nanodrug for Enhanced Cancer Therapy via Breaking Hypoxia-induced Chemoresistance. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 25740-25749.	4.0	52
291	Upregulation of fascin-1 is involved in HIF-1 α -dependent invasion and migration of hypopharyngeal squamous cell carcinoma. <i>International Journal of Oncology</i> , 2019, 55, 488-498.	1.4	11
292	Identification of Key Biomarkers and Potential Molecular Mechanisms in Renal Cell Carcinoma by Bioinformatics Analysis. <i>Journal of Computational Biology</i> , 2019, 26, 1278-1295.	0.8	27

#	ARTICLE	IF	CITATIONS
293	Photo-Uncaging of a Microtubule-Targeted Rigidin Analogue in Hypoxic Cancer Cells and in a Xenograft Mouse Model. <i>Journal of the American Chemical Society</i> , 2019, 141, 18444-18454.	6.6	84
294	Extracellular Oxygen Sensors Based on PtTFPP and Four-Arm Block Copolymers. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4404.	1.3	5
295	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
296	In Vivo Environment-Adaptive Nanocomplex with Tumor Cell-Specific Cytotoxicity Enhances T Cells Infiltration and Improves Cancer Therapy. <i>Small</i> , 2019, 15, e1902822.	5.2	25
297	Self-generating oxygen enhanced mitochondrion-targeted photodynamic therapy for tumor treatment with hypoxia scavenging. <i>Theranostics</i> , 2019, 9, 6809-6823.	4.6	70
299	Raman Spectroscopy: Guiding Light for the Extracellular Matrix. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 303.	2.0	72
300	<p>LOXL 2 Promotes The Epithelial-Mesenchymal Transition And Malignant Progression Of Cervical Cancer</p>. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 8947-8954.	1.0	14
301	Role of the Microenvironment in Regulating Normal and Cancer Stem Cell Activity: Implications for Breast Cancer Progression and Therapy Response. <i>Cancers</i> , 2019, 11, 1240.	1.7	23
302	COL12A1, a novel potential prognostic factor and therapeutic target in gastric cancer. <i>Molecular Medicine Reports</i> , 2019, 20, 3103-3112.	1.1	32
303	Screening and identification of potential target genes in head and neck cancer using bioinformatics analysis. <i>Oncology Letters</i> , 2019, 18, 2955-2966.	0.8	6
304	Coadministration of chemotherapy and PI3K/Akt pathway treatment with multistage acidity/CathB enzyme-responsive nanocarriers for inhibiting the metastasis of breast cancer. <i>Biomaterials Science</i> , 2019, 7, 5054-5067.	2.6	14
305	Cancer biology as revealed by the research autopsy. <i>Nature Reviews Cancer</i> , 2019, 19, 686-697.	12.8	54
306	The Tumor-on-Chip: Recent Advances in the Development of Microfluidic Systems to Recapitulate the Physiology of Solid Tumors. <i>Materials</i> , 2019, 12, 2945.	1.3	103
307	Effects of a natural multi-component compound formulation on the growth, morphology and extracellular matrix production of human adult dermal fibroblasts. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 2639-2647.	0.8	0
308	Hypoxia enhances IL-10-producing B cell generation through upregulating high-mobility group B1 on tumor cell-released autophagosomes. <i>Immunology Letters</i> , 2019, 216, 36-42.	1.1	12
309	A novel 3D in vitro model of glioblastoma reveals resistance to temozolomide which was potentiated by hypoxia. <i>Journal of Neuro-Oncology</i> , 2019, 142, 231-240.	1.4	60
310	Sequential Drug Release to Modulate Collagen Synthesis and Promote Micelle Penetration in Tumors. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1343-1353.	2.6	5
311	Progesterone Treatment Attenuates Glycolytic Metabolism and Induces Senescence in Glioblastoma. <i>Scientific Reports</i> , 2019, 9, 988.	1.6	23

#	ARTICLE	IF	CITATIONS
312	Multiscale Agent-Based and Hybrid Modeling of the Tumor Immune Microenvironment. <i>Processes</i> , 2019, 7, 37.	1.3	115
313	Deduction of Novel Genes Potentially Involved in Upper Tract Urothelial Carcinoma Using Next-Generation Sequencing and Bioinformatics Approaches. <i>International Journal of Medical Sciences</i> , 2019, 16, 93-105.	1.1	7
314	Ultrasensitive Immunoprofiling of Plasma Extracellular Vesicles Identifies Syndecan-1 as a Potential Tool for Minimally Invasive Diagnosis of Glioma. <i>Clinical Cancer Research</i> , 2019, 25, 3115-3127.	3.2	72
315	Blocking OLFM4/HIF-1 α axis alleviates hypoxia-induced invasion, epithelial-mesenchymal transition, and chemotherapy resistance in non-small-cell lung cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 15035-15043.	2.0	23
316	Identification of biomarkers associated with progression and prognosis in bladder cancer via co-expression analysis. <i>Cancer Biomarkers</i> , 2019, 24, 183-193.	0.8	32
317	25-HC decreases the sensitivity of human gastric cancer cells to 5-fluorouracil and promotes cells invasion via the TLR2/NF- κ B signaling pathway. <i>International Journal of Oncology</i> , 2019, 54, 966-980.	1.4	16
318	Unprecedented O $_2$ compression and H $_2$ O fragilization in Lewis solutions. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 2234-2250.	1.3	27
319	Inhibition of ERR α Prevents Mitochondrial Pyruvate Uptake Exposing NADPH-Generating Pathways as Targetable Vulnerabilities in Breast Cancer. <i>Cell Reports</i> , 2019, 27, 3587-3601.e4.	2.9	29
320	Hypoxia-active nanoparticles used in tumor theranostic. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 3705-3722.	3.3	48
321	The role of scaffolds in tissue engineering. , 2019, , 23-49.		10
322	Multifunctional Nanoregulator Reshapes Immune Microenvironment and Enhances Immune Memory for Tumor Immunotherapy. <i>Advanced Science</i> , 2019, 6, 1900037.	5.6	94
323	Comprehensive Profiling of Primary and Metastatic ccRCC Reveals a High Homology of the Metastases to a Subregion of the Primary Tumour. <i>Cancers</i> , 2019, 11, 812.	1.7	17
324	Crosshatch nanofiber networks of tunable interfiber spacing induce plasticity in cell migration and cytoskeletal response. <i>FASEB Journal</i> , 2019, 33, 10618-10632.	0.2	40
325	Basil polysaccharide inhibits hypoxia-induced hepatocellular carcinoma metastasis and progression through suppression of HIF-1 α -mediated epithelial-mesenchymal transition. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 32-44.	3.6	16
326	The combination therapy of HIF-1 α inhibitor LW6 and cisplatin plays an effective role on anti-tumor function in A549 cells. <i>Neoplasma</i> , 2019, 66, 776-784.	0.7	8
327	A hybrid discrete-continuous model of metastatic cancer cell migration through a remodeling extracellular matrix. <i>AIChE Journal</i> , 2019, 65, e16671.	1.8	14
328	Activatable AIE Dots for Tumor Hypoxia Imaging. <i>Chemistry - A European Journal</i> , 2019, 25, 9634-9638.	1.7	36
329	DUX4 Pathological Expression: Causes and Consequences in Cancer. <i>Trends in Cancer</i> , 2019, 5, 268-271.	3.8	15

#	ARTICLE	IF	CITATIONS
330	Pan-Cancer analysis of the expression and regulation of matrisome genes across 32 tumor types. <i>Matrix Biology Plus</i> , 2019, 1, 100004.	1.9	38
331	Hyaluronidase with pH-responsive Dextran Modification as an Adjuvant Nanomedicine for Enhanced Photodynamic Immunotherapy of Cancer. <i>Advanced Functional Materials</i> , 2019, 29, 1902440.	7.8	156
332	MITF—the first 25 years. <i>Genes and Development</i> , 2019, 33, 983-1007.	2.7	261
333	Hypoxia-induced secretion stimulates breast cancer stem cell regulatory signalling pathways. <i>Molecular Oncology</i> , 2019, 13, 1693-1705.	2.1	15
334	Nanomaterial-Based Modulation of Tumor Microenvironments for Enhancing Chemo/Immunotherapy. <i>AAPS Journal</i> , 2019, 21, 64.	2.2	21
335	Nanocarriers responsive to a hypoxia gradient facilitate enhanced tumor penetration and improved anti-tumor efficacy. <i>Biomaterials Science</i> , 2019, 7, 2986-2995.	2.6	29
336	The Role of the Extracellular Matrix in Cancer Stemness. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 86.	1.8	238
337	Quantified forces between HepG2 hepatocarcinoma and WA07 pluripotent stem cells with natural biomaterials correlate with in vitro cell behavior. <i>Scientific Reports</i> , 2019, 9, 7354.	1.6	15
338	Poor outcome in hypoxic endometrial carcinoma is related to vascular density. <i>British Journal of Cancer</i> , 2019, 120, 1037-1044.	2.9	10
339	Stress responses in stromal cells and tumor homeostasis. , 2019, 200, 55-68.		22
340	Tumour microenvironment responsive nanoconstructs for cancer theranostic. <i>Nano Today</i> , 2019, 26, 16-56.	6.2	113
341	Mechanobiology of Cancer Stem Cells and Their Niche. <i>Cancer Microenvironment</i> , 2019, 12, 17-27.	3.1	32
342	Defining the Hallmarks of Metastasis. <i>Cancer Research</i> , 2019, 79, 3011-3027.	0.4	445
343	An oxygen self-sufficient NIR-responsive nanosystem for enhanced PDT and chemotherapy against hypoxic tumors. <i>Chemical Science</i> , 2019, 10, 5766-5772.	3.7	91
344	Adaptive Changes of Glioblastoma Cells Following Exposure to Hypoxic (1% Oxygen) Tumour Microenvironment. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2091.	1.8	23
345	Non-viral gene delivery for cancer immunotherapy. <i>Journal of Gene Medicine</i> , 2019, 21, e3092.	1.4	22
346	Oxygen-dependent contraction and degradation of the extracellular matrix mediated by interaction between tumor and endothelial cells. <i>AIP Advances</i> , 2019, 9, .	0.6	9
347	Integrated analysis of gene expression and methylation profiles of novel pancreatic cancer cell lines with highly metastatic activity. <i>Science China Life Sciences</i> , 2019, 62, 791-806.	2.3	5

#	ARTICLE	IF	CITATIONS
348	Effects of cellular energy homeostasis modulation through AMPK on regulation of protein translation and response to hypoxia. <i>Turkish Journal of Biochemistry</i> , 2019, 44, 611-620.	0.3	6
349	Integrative Omic Profiling Reveals Unique Hypoxia Induced Signatures in Gastric Cancer Associated Myofibroblasts. <i>Cancers</i> , 2019, 11, 263.	1.7	2
350	Ectopic expression of human airway trypsin-like protease 4 in acute myeloid leukemia promotes cancer cell invasion and tumor growth. <i>Cancer Medicine</i> , 2019, 8, 2348-2359.	1.3	7
351	Molecular and functional imaging insights into the role of hypoxia in cancer aggression. <i>Cancer and Metastasis Reviews</i> , 2019, 38, 51-64.	2.7	21
352	The RNA binding protein RBMS3 inhibits the metastasis of breast cancer by regulating Twist1 expression. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 105.	3.5	34
353	Collagen Remodeling in the Hypoxic Tumor-Mesothelial Niche Promotes Ovarian Cancer Metastasis. <i>Cancer Research</i> , 2019, 79, 2271-2284.	0.4	86
354	A Tungsten Nitride-Based O ₂ Self-Sufficient Nanoplatform for Enhanced Photodynamic Therapy against Hypoxic Tumors. <i>Advanced Therapeutics</i> , 2019, 2, 1900012.	1.6	22
355	SOX12 promotes colorectal cancer cell proliferation and metastasis by regulating asparagine synthesis. <i>Cell Death and Disease</i> , 2019, 10, 239.	2.7	63
356	Enzyme-Activated Generation of Reactive Oxygen Species from Heterocyclic N-Oxides under Aerobic and Anaerobic Conditions and Its Relevance to Hypoxia-Selective Prodrugs. <i>Chemical Research in Toxicology</i> , 2019, 32, 348-361.	1.7	19
357	Solid Stress in Brain Tumors. <i>Trends in Cancer</i> , 2019, 5, 266-268.	3.8	0
358	Repurposing Ponatinib as a Potent Agent against KIT Mutant Melanomas. <i>Theranostics</i> , 2019, 9, 1952-1964.	4.6	14
359	A 17 gene panel for non-small cell lung cancer prognosis identified through integrative epigenomic-transcriptomic analyses of hypoxia-induced epithelial-mesenchymal transition. <i>Molecular Oncology</i> , 2019, 13, 1490-1502.	2.1	25
360	Tumour-Associated Macrophages (TAMs) in Colon Cancer and How to Reeducate Them. <i>Journal of Immunology Research</i> , 2019, 2019, 1-9.	0.9	116
361	Targeting the Temporal Dynamics of Hypoxia-Induced Tumor-Secreted Factors Halts Tumor Migration. <i>Cancer Research</i> , 2019, 79, 2962-2977.	0.4	16
362	Ultralong circulating choline phosphate liposomal nanomedicines for cascaded chemo-radiotherapy. <i>Biomaterials Science</i> , 2019, 7, 1335-1344.	2.6	12
363	Role of Microenvironment on the Fate of Disseminating Cancer Stem Cells. <i>Frontiers in Oncology</i> , 2019, 9, 82.	1.3	63
364	Hypoxia Induced ER Stress Response as an Adaptive Mechanism in Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 749.	1.8	85
365	Pro-metastatic functions of lipoproteins and extracellular vesicles in the acidic tumor microenvironment. <i>Cancer and Metastasis Reviews</i> , 2019, 38, 79-92.	2.7	17

#	ARTICLE	IF	CITATIONS
366	Blocking Triggering Receptor Expressed on Myeloid Cellsâ€“Positive Tumorâ€“Associated Macrophages Induced by Hypoxia Reverses Immunosuppression and Antiâ€“Programmed Cell Death Ligand 1 Resistance in Liver Cancer. <i>Hepatology</i> , 2019, 70, 198-214.	3.6	167
367	Breast cancer cells rely on environmental pyruvate to shape the metastatic niche. <i>Nature</i> , 2019, 568, 117-121.	13.7	213
368	Differential Oxygenation in Tumor Microenvironment Modulates Macrophage and Cancer Cell Crosstalk: Novel Experimental Setting and Proof of Concept. <i>Frontiers in Oncology</i> , 2019, 9, 43.	1.3	56
369	Leukocyteâ€“mimicking Pluronicâ€“lipid nanovesicle hybrids inhibit the growth and metastasis of breast cancer. <i>Nanoscale</i> , 2019, 11, 5377-5394.	2.8	18
370	Modulation of intestinal microbiota by glycyrrhizic acid prevents high-fat diet-enhanced pre-metastatic niche formation and metastasis. <i>Mucosal Immunology</i> , 2019, 12, 945-957.	2.7	59
371	Characterization of Copy Number Variations in Oral Cavity Squamous Cell Carcinoma Reveals a Novel Role for MLLT3 in Cell Invasiveness. <i>Oncologist</i> , 2019, 24, e1388-e1400.	1.9	8
372	<p>Hypoxia Induces Pro-Fibrotic and Fibrosis Marker Genes in Hepatocellular Carcinoma Cells Independently of Inflammatory Stimulation and the NF-Î² Pathway</p>. <i>Hypoxia (Auckland, N Z)</i> , 2019, Volume 7, 87-91.	1.9	10
373	Modifying the Tumour Microenvironment: Challenges and Future Perspectives for Anticancer Plasma Treatments. <i>Cancers</i> , 2019, 11, 1920.	1.7	56
374	Delivery of nitric oxide with a nanocarrier promotes tumour vessel normalization and potentiates anti-cancer therapies. <i>Nature Nanotechnology</i> , 2019, 14, 1160-1169.	15.6	267
375	RU486 Metabolite Inhibits CCN1/Cyr61 Secretion by MDA-MB-231-Endothelial Adhesion. <i>Frontiers in Pharmacology</i> , 2019, 10, 1296.	1.6	9
376	Comprehensive transcriptome profiling in elderly cancer patients reveals agingâ€“altered immune cells and immune checkpoints. <i>International Journal of Cancer</i> , 2019, 144, 1657-1663.	2.3	21
377	Time series assessment of the effects of hypoxic stress on glioma tumorsphere development within engineered microscale niches. <i>Biomaterials</i> , 2019, 194, 171-182.	5.7	7
378	Mass spectrometry-based peptidome profiling of human serous ovarian cancer tissues. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 107, 53-61.	1.2	6
379	The critical role of microRNAs in stress response: Therapeutic prospect and limitation. <i>Pharmacological Research</i> , 2019, 142, 294-302.	3.1	31
380	Cellular morphologies, motility, and epithelialâ€“mesenchymal transition of breast cancer cells incubated on electrospun polymeric fiber substrates in hypoxia. <i>Materials Today Chemistry</i> , 2019, 11, 29-41.	1.7	2
381	Two-step derivatization and mass spectral distinction of Î±2,3 and Î±2,6 sialic acid linkages on N-glycans by MALDI-TOF. <i>Chinese Chemical Letters</i> , 2019, 30, 676-680.	4.8	14
382	Hypoxiaâ€“sensitive <sc>LINC</sc>O1436 is regulated by E2F6 and acts as an oncogene by targeting miRâ€“30aâ€“3p in nonâ€“small cell lung cancer. <i>Molecular Oncology</i> , 2019, 13, 840-856.	2.1	47
383	Hypoxia Patterns in Primary and Metastatic Prostate Cancer Environments. <i>Neoplasia</i> , 2019, 21, 239-246.	2.3	21

#	ARTICLE	IF	CITATIONS
384	YC-1 Prevents Tumor-Associated Tissue Factor Expression and Procoagulant Activity in Hypoxic Conditions by Inhibiting p38/NF- κ B Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2019, 20, 244.	1.8	10
385	Extracellular matrix (ECM) stiffness and degradation as cancer drivers. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 2782-2790.	1.2	387
386	Proinvasive extracellular matrix remodeling for tumor progression. <i>Archives of Pharmacal Research</i> , 2019, 42, 40-47.	2.7	30
387	RhoB is regulated by hypoxia and modulates metastasis in breast cancer. <i>Cancer Reports</i> , 2020, 3, e1164.	0.6	16
388	The Antiangiogenic Activity of Polyphenol-Rich Extracts and Its Implication on Cancer Chemoprevention. <i>Food Reviews International</i> , 2020, 36, 77-103.	4.3	8
389	The topology of vitronectin: A complementary feature for neuroblastoma risk classification based on computer-aided detection. <i>International Journal of Cancer</i> , 2020, 146, 553-565.	2.3	11
390	The role of cancer-associated fibroblasts in renal cell carcinoma. An example of tumor modulation through tumor/non-tumor cell interactions. <i>Journal of Advanced Research</i> , 2020, 21, 103-108.	4.4	40
391	VersicanV1 promotes proliferation and metastasis of hepatocellular carcinoma through the activation of EGFR-PI3K-AKT pathway. <i>Oncogene</i> , 2020, 39, 1213-1230.	2.6	51
392	Identification of new hypoxia-regulated epithelial-mesenchymal transition marker genes labeled by H3K4 acetylation. <i>Genes Chromosomes and Cancer</i> , 2020, 59, 73-83.	1.5	19
393	Targeting the TR4 nuclear receptor-mediated IncTASR/AXL signaling with tretinoin increases the sunitinib sensitivity to better suppress the RCC progression. <i>Oncogene</i> , 2020, 39, 530-545.	2.6	24
394	Progression or suppression: Two sides of the innate lymphoid cells in cancer. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 2739-2755.	1.2	6
395	Nanomedicine-Enabled Modulation of Tumor Hypoxic Microenvironment for Enhanced Cancer Therapy. <i>Advanced Therapeutics</i> , 2020, 3, 1900083.	1.6	21
396	Remodeling extracellular matrix based on functional covalent organic framework to enhance tumor photodynamic therapy. <i>Biomaterials</i> , 2020, 234, 119772.	5.7	96
397	Hypoxia: a barricade to conquer the pancreatic cancer. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 3077-3083.	2.4	45
398	Real-time physiological measurements of oxygen using a non-invasive self-referencing optical fiber microsensor. <i>Nature Protocols</i> , 2020, 15, 207-235.	5.5	20
399	Microenvironment-activated nanoparticles for oxygen self-supplemented photodynamic cancer therapy. <i>Biomaterials Science</i> , 2020, 8, 370-378.	2.6	17
400	Hypoxia-responsive nanoparticle based drug delivery systems in cancer therapy: An up-to-date review. <i>Journal of Controlled Release</i> , 2020, 319, 135-156.	4.8	160
401	A Cofactor-Substrate-Based Supramolecular Fluorescent Probe for the Ultrafast Detection of Nitroreductase under Hypoxic Conditions. <i>Angewandte Chemie</i> , 2020, 132, 6077-6083.	1.6	7

#	ARTICLE	IF	CITATIONS
402	Whole-genome sequencing of prostate cancer reveals novel mutation-driven processes and molecular subgroups. <i>Life Sciences</i> , 2020, 254, 117218.	2.0	14
403	A Cofactor-Substrate-Based Supramolecular Fluorescent Probe for the Ultrafast Detection of Nitroreductase under Hypoxic Conditions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6021-6027.	7.2	36
404	Premetastatic niches, exosomes and circulating tumor cells: Early mechanisms of tumor dissemination and the relation to surgery. <i>International Journal of Cancer</i> , 2020, 146, 3244-3255.	2.3	20
405	Targeting Tumor Microenvironment by Small-Molecule Inhibitors. <i>Translational Oncology</i> , 2020, 13, 57-69.	1.7	82
406	Fibronectin in Cancer: Friend or Foe. <i>Cells</i> , 2020, 9, 27.	1.8	108
407	Tunicamycin promotes metastasis through upregulating endoplasmic reticulum stress induced GRP78 expression in thyroid carcinoma. <i>Cell and Bioscience</i> , 2020, 10, 115.	2.1	12
408	Bioengineering the Oxygen-Deprived Tumor Microenvironment Within a Three-Dimensional Platform for Studying Tumor-Immune Interactions. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 1040.	2.0	23
409	Simulation of multiple microenvironments shows a pivot role of RPTPs on the control of Epithelial-to-Mesenchymal Transition. <i>BioSystems</i> , 2020, 198, 104268.	0.9	3
410	<p>Circular RNAs and Bladder Cancer</p>. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 9573-9586.	1.0	11
411	Hypoxia Triggers the Intravasation of Clustered Circulating Tumor Cells. <i>Cell Reports</i> , 2020, 32, 108105.	2.9	126
412	<p>circKRT7-miR-29a-3p-COL1A1 Axis Promotes Ovarian Cancer Cell Progression</p>. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 8963-8976.	1.0	31
413	Tumor Microenvironment as a Regulator of Radiation Therapy: New Insights into Stromal-Mediated Radioresistance. <i>Cancers</i> , 2020, 12, 2916.	1.7	63
414	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
415	Concepts of extracellular matrix remodelling in tumour progression and metastasis. <i>Nature Communications</i> , 2020, 11, 5120.	5.8	1,004
416	Emerging Prospects of Exosomes for Cancer Treatment: From Conventional Therapy to Immunotherapy. <i>Advanced Materials</i> , 2020, 32, e2002440.	11.1	160
417	Tumor microenvironment triggered biodegradation of inorganic nanoparticles for enhanced tumor theranostics. <i>RSC Advances</i> , 2020, 10, 26742-26751.	1.7	11
418	Development and validation of a hypoxia-related gene signature to predict overall survival in early-stage lung adenocarcinoma patients. <i>Therapeutic Advances in Medical Oncology</i> , 2020, 12, 175883592093790.	1.4	39
419	Dual-targeted photothermal agents for enhanced cancer therapy. <i>Chemical Science</i> , 2020, 11, 8055-8072.	3.7	60

#	ARTICLE	IF	CITATIONS
420	Hyperthermia can alter tumor physiology and improve chemo- and radio-therapy efficacy. <i>Advanced Drug Delivery Reviews</i> , 2020, 163-164, 98-124.	6.6	77
421	Cancer-Associated Angiogenesis: The Endothelial Cell as a Checkpoint for Immunological Patrolling. <i>Cancers</i> , 2020, 12, 3380.	1.7	71
422	Photocleavable Surfactant-Enabled Extracellular Matrix Proteomics. <i>Analytical Chemistry</i> , 2020, 92, 15693-15698.	3.2	24
423	Inhibition of formyl peptide receptor 1 activity suppresses tumorigenicity in vivo and attenuates the invasion and migration of lung adenocarcinoma cells under hypoxic conditions in vitro. <i>Annals of Translational Medicine</i> , 2020, 8, 1174-1174.	0.7	3
424	Beyond energy storage: roles of glycogen metabolism in health and disease. <i>FEBS Journal</i> , 2021, 288, 3772-3783.	2.2	27
425	Tumor stiffness measured by shear wave elastography correlates with tumor hypoxia as well as histologic biomarkers in breast cancer. <i>Cancer Imaging</i> , 2020, 20, 85.	1.2	22
426	Hypoxia Dictates Metabolic Rewiring of Tumors: Implications for Chemoresistance. <i>Cells</i> , 2020, 9, 2598.	1.8	62
427	Tissue-engineered 3D cancer microenvironment for screening therapeutics. , 2020, , 453-479.		2
428	Preparation of microspheres encapsulating sorafenib and catalase and their application in rabbit VX2 liver tumor. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110512.	2.5	12
429	Physical Cues in the Microenvironment Regulate Stemness-Dependent Homing of Breast Cancer Cells. <i>Cancers</i> , 2020, 12, 2176.	1.7	4
430	The Roles of Tissue Rigidity and Its Underlying Mechanisms in Promoting Tumor Growth. <i>Cancer Investigation</i> , 2020, 38, 445-462.	0.6	6
431	OSCC Exosomes Regulate miR-210-3p Targeting EFNA3 to Promote Oral Cancer Angiogenesis through the PI3K/AKT Pathway. <i>BioMed Research International</i> , 2020, 2020, 1-13.	0.9	35
432	Hypoxia induced exosomal circRNA promotes metastasis of Colorectal Cancer via targeting GEF-H1/RhoA axis. <i>Theranostics</i> , 2020, 10, 8211-8226.	4.6	131
433	Sonocomplexation as an effective tool to enhance the antitumorigenic effect of metformin: Preparation, in vitro characterization, molecular dynamic simulation & MiaPaCa-2 cell line hypoxia evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 59, 101968.	1.4	6
434	Nanomedicine Revisited: Next Generation Therapies for Brain Cancer. <i>Advanced Therapeutics</i> , 2020, 3, 2000118.	1.6	14
435	Potentiality, Limitations, and Consequences of Different Experimental Models to Improve Photodynamic Therapy for Cancer Treatment in Relation to Antiangiogenic Mechanism. <i>Cancers</i> , 2020, 12, 2118.	1.7	6
436	Plasma medicine: Opportunities for nanotechnology in a digital age. <i>Plasma Processes and Polymers</i> , 2020, 17, e2000097.	1.6	35
437	The IL1 β -IL1R signaling is involved in the stimulatory effects triggered by hypoxia in breast cancer cells and cancer-associated fibroblasts (CAFs). <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 153.	3.5	43

#	ARTICLE	IF	CITATIONS
438	Molecular mediators of peritoneal metastasis in pancreatic cancer. <i>Cancer and Metastasis Reviews</i> , 2020, 39, 1223-1243.	2.7	29
439	Mex3a interacts with LAMA2 to promote lung adenocarcinoma metastasis via PI3K/AKT pathway. <i>Cell Death and Disease</i> , 2020, 11, 614.	2.7	83
440	How Reciprocal Interactions Between the Tumor Microenvironment and Ion Transport Proteins Drive Cancer Progression. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2020, , 1-38.	0.9	9
441	Epigenetic crosstalk between hypoxia and tumor driven by HIF regulation. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 224.	3.5	49
442	Hypoxia Promotes Syndecan-3 Expression in the Tumor Microenvironment. <i>Frontiers in Immunology</i> , 2020, 11, 586977.	2.2	13
443	Physical traits of cancer. <i>Science</i> , 2020, 370, .	6.0	371
444	Do Olive and Fish Oils of the Mediterranean Diet Have a Role in Triple Negative Breast Cancer Prevention and Therapy? An Exploration of Evidence in Cells and Animal Models. <i>Frontiers in Nutrition</i> , 2020, 7, 571455.	1.6	15
445	Ferric Ion Driven Assembly of Catalase-like Supramolecular Photosensitizing Nanozymes for Combating Hypoxic Tumors. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23228-23238.	7.2	79
446	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
447	Ferric Ion Driven Assembly of Catalase-like Supramolecular Photosensitizing Nanozymes for Combating Hypoxic Tumors. <i>Angewandte Chemie</i> , 2020, 132, 23428-23438.	1.6	10
448	Sex Differences and Tumor Blood Flow from Dynamic Susceptibility Contrast MRI Are Associated with Treatment Response after Chemoradiation and Long-term Survival in Rectal Cancer. <i>Radiology</i> , 2020, 297, 352-360.	3.6	14
449	LOXL2 in cancer: regulation, downstream effectors and novel roles. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1874, 188435.	3.3	48
450	Natural products as potent inhibitors of hypoxia-inducible factor-1 in cancer therapy. <i>Chinese Journal of Natural Medicines</i> , 2020, 18, 696-703.	0.7	11
451	lncRNA PCA3 plays a key role in colon cancer occurrence and development. <i>Archives of Medical Science</i> , 2020, , .	0.4	1
452	Depleting RhoA/Stress Fiber-Organized Fibronectin Matrices on Tumor Cells Non-Autonomously Aggravates Fibroblast-Driven Tumor Cell Growth. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8272.	1.8	2
453	Targeting Metabolic Plasticity and Flexibility Dynamics for Cancer Therapy. <i>Cancer Discovery</i> , 2020, 10, 1797-1807.	7.7	137
454	Circulating levels of hydroxylated bradykinin function as an indicator of tissue HIF-1 expression. <i>Science Bulletin</i> , 2020, 65, 1570-1579.	4.3	3
455	Relevance of immune cell and tumor microenvironment imaging in the new era of immunotherapy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 89.	3.5	157

#	ARTICLE	IF	CITATIONS
456	Î²-Escin alleviates cobalt chloride-induced hypoxia-mediated apoptotic resistance and invasion via ROS-dependent HIF-1Î±/TGF-Î²/MMPs in A549 cells. <i>Toxicology Research</i> , 2020, 9, 191-201.	0.9	10
457	Oxygen-producing catalase-based prodrug nanoparticles overcoming resistance in hypoxia-mediated chemo-photodynamic therapy. <i>Acta Biomaterialia</i> , 2020, 112, 234-249.	4.1	69
458	Identifying the mRNAs associated with Bladder cancer recurrence. <i>Cancer Biomarkers</i> , 2020, 28, 429-437.	0.8	6
459	Development and validation of a hypoxia-immune-based microenvironment gene signature for risk stratification in gastric cancer. <i>Journal of Translational Medicine</i> , 2020, 18, 201.	1.8	71
460	Prognostic value of CAIX expression in oral squamous cell carcinoma: a systematic review and meta-analysis. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1258-1266.	2.5	12
461	The genomic landscape of metastasis in treatment-naïve breast cancer models. <i>PLoS Genetics</i> , 2020, 16, e1008743.	1.5	17
462	Mechanical tumor microenvironment and transduction: cytoskeleton mediates cancer cell invasion and metastasis. <i>International Journal of Biological Sciences</i> , 2020, 16, 2014-2028.	2.6	92
463	Targeting the Tumor Core: Hypoxia-Responsive Nanoparticles for the Delivery of Chemotherapy to Pancreatic Tumors. <i>Molecular Pharmaceutics</i> , 2020, 17, 2849-2863.	2.3	40
464	Luteolin impairs hypoxia adaptation and progression in human breast and colon cancer cells. <i>European Journal of Pharmacology</i> , 2020, 881, 173210.	1.7	25
465	Manipulation of Metabolic Pathways and Its Consequences for Anti-Tumor Immunity: A Clinical Perspective. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4030.	1.8	7
466	Hypoxia-induced alternative splicing: the 11th Hallmark of Cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 110.	3.5	79
467	The Physical Microenvironment of Tumors: Characterization and Clinical Impact. <i>Biophysical Reviews and Letters</i> , 2020, 15, 51-82.	0.9	3
468	FABP5 promotes lymph node metastasis in cervical cancer by reprogramming fatty acid metabolism. <i>Theranostics</i> , 2020, 10, 6561-6580.	4.6	87
469	Non-Coding RNAs Operate in the Crosstalk Between Cancer Metabolic Reprogramming and Metastasis. <i>Frontiers in Oncology</i> , 2020, 10, 810.	1.3	11
470	Identification and validation of a combined hypoxia and immune index for triple-negative breast cancer. <i>Molecular Oncology</i> , 2020, 14, 2814-2833.	2.1	74
471	<i>In situ</i> construction of a self-assembled AIE probe for tumor hypoxia imaging. <i>Nanoscale</i> , 2020, 12, 7509-7513.	2.8	26
472	Microfluidic platform for three-dimensional cell culture under spatiotemporal heterogeneity of oxygen tension. <i>APL Bioengineering</i> , 2020, 4, 016106.	3.3	34
473	<p></p>A Review of Research Progress in Multidrug-Resistance Mechanisms in Gastric Cancer</p>. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 1797-1807.	1.0	38

#	ARTICLE	IF	CITATIONS
474	Design strategy of optical probes for tumor hypoxia imaging. <i>Science China Life Sciences</i> , 2020, 63, 1786-1797.	2.3	9
475	The role of lncRNA LSAT1 in the invasion and metastasis of non-small cell lung cancer under hypoxia. <i>Translational Cancer Research</i> , 2020, 9, 1125-1132.	0.4	0
476	Targeting P4HA1 with a Small Molecule Inhibitor in a Colorectal Cancer PDX Model. <i>Translational Oncology</i> , 2020, 13, 100754.	1.7	28
477	Long noncoding RNA CMPK2 promotes colorectal cancer progression by activating the FUBP3-c-Myc axis. <i>Oncogene</i> , 2020, 39, 3926-3938.	2.6	35
478	Tumor microenvironment (TME)-activatable circular aptamer-PEG as an effective hierarchical-targeting molecular medicine for photodynamic therapy. <i>Biomaterials</i> , 2020, 246, 119971.	5.7	54
479	Microenvironment remodeled by tumor and stromal cells elevates fibroblast-derived COL1A1 and facilitates ovarian cancer metastasis. <i>Experimental Cell Research</i> , 2020, 394, 112153.	1.2	43
480	Phospholipid membrane-decorated deep-penetrated nanocatalase relieve tumor hypoxia to enhance chemo-photodynamic therapy. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 2246-2257.	5.7	30
481	Hypoxic tumor microenvironment: Implications for cancer therapy. <i>Experimental Biology and Medicine</i> , 2020, 245, 1073-1086.	1.1	49
482	Novel multifunctional and multitarget homo- (Fe ₂) and heterobimetallic [(Fe,M) with M = Re or Mn] sulfonyl hydrazones. <i>Dalton Transactions</i> , 2020, 49, 12249-12265.	1.6	8
483	Identification of Ppar ^γ -modulated miRNA hubs that target the fibrotic tumor microenvironment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 454-463.	3.3	32
484	Effectively suppressed angiogenesis-mediated retinoblastoma growth using celastrol nanomicelles. <i>Drug Delivery</i> , 2020, 27, 358-366.	2.5	37
485	Reprogramming Tumor Associated Macrophages toward M1 Phenotypes with Nanomedicine for Anticancer Immunotherapy. <i>Advanced Therapeutics</i> , 2020, 3, 1900181.	1.6	31
486	Advances into understanding metabolites as signaling molecules in cancer progression. <i>Current Opinion in Cell Biology</i> , 2020, 63, 144-153.	2.6	22
487	p53's Extended Reach: The Mutant p53 Secretome. <i>Biomolecules</i> , 2020, 10, 307.	1.8	35
488	The fuel and engine: The roles of reprogrammed metabolism in metastasis of primary liver cancer. <i>Genes and Diseases</i> , 2020, 7, 299-307.	1.5	12
489	Dynamic surveillance of tamoxifen-resistance in ER-positive breast cancer by CAIX-targeted ultrasound imaging. <i>Cancer Medicine</i> , 2020, 9, 2414-2426.	1.3	8
490	An Integrated Gene Expression Landscape Profiling Approach to Identify Lung Tumor Endothelial Cell Heterogeneity and Angiogenic Candidates. <i>Cancer Cell</i> , 2020, 37, 21-36.e13.	7.7	253
491	Cancer Genome Evolutionary Trajectories in Metastasis. <i>Cancer Cell</i> , 2020, 37, 8-19.	7.7	140

#	ARTICLE	IF	CITATIONS
492	Cancer Cell-derived Secretory Factors in Breast Cancer-associated Lung Metastasis: Their Mechanism and Future Prospects. <i>Current Cancer Drug Targets</i> , 2020, 20, 168-186.	0.8	25
493	Framing cancer progression: influence of the organâ€and tumourâ€specific matrisome. <i>FEBS Journal</i> , 2020, 287, 1454-1477.	2.2	27
494	In Situ Photocatalyzed Oxygen Generation with Photosynthetic Bacteria to Enable Robust Immunogenic Photodynamic Therapy in Tripleâ€Negative Breast Cancer. <i>Advanced Functional Materials</i> , 2020, 30, 1910176.	7.8	102
495	Organic Nanocarriers for Delivery and Targeting of Therapeutic Agents for Cancer Treatment. <i>Advanced Therapeutics</i> , 2020, 3, 1900136.	1.6	23
496	Extracellular Vesicles and Cancer: A Focus on Metabolism, Cytokines, and Immunity. <i>Cancers</i> , 2020, 12, 171.	1.7	38
497	Bypassing the Immunosuppression of Myeloidâ€Derived Suppressor Cells by Reversing Tumor Hypoxia Using a Plateletâ€Inspired Platform. <i>Advanced Functional Materials</i> , 2020, 30, 2000189.	7.8	54
498	Effective nanotherapeutic approach for metastatic breast cancer treatment by supplemental oxygenation and imaging-guided phototherapy. <i>Nano Research</i> , 2020, 13, 1111-1121.	5.8	12
499	Efficient Anticancer Drug Delivery for Pancreatic Cancer Treatment Utilizing Supramolecular Polyethylene-Glycosylated Bromelain. <i>ACS Applied Bio Materials</i> , 2020, 3, 3005-3014.	2.3	15
500	Water-Templated, Polysaccharide-rich Bioartificial 3D Microarchitectures as Extra-Cellular Matrix Bioautomatons. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 20912-20921.	4.0	7
501	Whole Organism Model to Study Molecular Mechanisms of Differentiation and Dedifferentiation. <i>Biology</i> , 2020, 9, 79.	1.3	2
502	A Dense Fibrillar Collagen Scaffold Differentially Modulates Secretory Function of iPSC-Derived Vascular Smooth Muscle Cells to Promote Wound Healing. <i>Cells</i> , 2020, 9, 966.	1.8	25
503	Extracellular Acidosis Promotes Metastatic Potency via Decrease of the BMAL1 Circadian Clock Gene in Breast Cancer. <i>Cells</i> , 2020, 9, 989.	1.8	17
504	PLOD2 increases resistance of gastric cancer cells to 5-fluorouracil by upregulating BCRP and inhibiting apoptosis. <i>Journal of Cancer</i> , 2020, 11, 3467-3475.	1.2	15
505	The clinical utility of imaging methods used to measure hypoxia in cervical cancer. <i>British Journal of Radiology</i> , 2020, 93, 20190640.	1.0	9
506	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
507	Injectable oxygen-generating nanocomposite hydrogels with prolonged oxygen delivery for enhanced cell proliferation under hypoxic and normoxic conditions. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4195-4201.	2.9	20
508	Crosstalk between Stress Granules, Exosomes, Tumour Antigens, and Immune Cells: Significance for Cancer Immunity. <i>Vaccines</i> , 2020, 8, 172.	2.1	10
509	P4HA2 contributes to cervical cancer progression via inducing epithelial-mesenchymal transition. <i>Journal of Cancer</i> , 2020, 11, 2788-2799.	1.2	25

#	ARTICLE	IF	CITATIONS
510	MiR-375 Impairs the Invasive Capabilities of Hepatoma Cells by Targeting HIF1 α Under Hypoxia. <i>Digestive Diseases and Sciences</i> , 2021, 66, 493-502.	1.1	10
511	Roles of mitochondria in the hallmarks of metastasis. <i>British Journal of Cancer</i> , 2021, 124, 124-135.	2.9	55
512	The RAC1 Target NCKAP1 Plays a Crucial Role in the Progression of Braf;Pten-Driven Melanoma in Mice. <i>Journal of Investigative Dermatology</i> , 2021, 141, 628-637.e15.	0.3	8
513	Designing Hypoxia-Responsive Nanotheranostic Agents for Tumor Imaging and Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001277.	3.9	39
514	A red-light-activated sulfonamide porphycene for highly efficient photodynamic therapy against hypoxic tumor. <i>European Journal of Medicinal Chemistry</i> , 2021, 209, 112867.	2.6	10
515	Tumor Microenvironment Sensitive Nanocarriers for Bioimaging and Therapeutics. <i>Advanced Healthcare Materials</i> , 2021, 10, e2000834.	3.9	40
516	Associations of self-reported obstructive sleep apnea with total and site-specific cancer risk in older women: a prospective study. <i>Sleep</i> , 2021, 44, .	0.6	17
517	Recent advances in microfluidic technology and applications for anti-cancer drug screening. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 134, 116118.	5.8	28
518	3D In Vitro Model (R)evolution: Unveiling Tumor-Stroma Interactions. <i>Trends in Cancer</i> , 2021, 7, 249-264.	3.8	209
519	<i>In situ</i> oxygenating and 808 nm light-sensitized nanocomposite for multimodal imaging and mitochondria-assisted cancer therapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 131-146.	2.9	14
520	Ternary Regulation of Tumor Microenvironment by Heparanase-Sensitive Micelle-Loaded Monocytes Improves Chemo-Immunotherapy of Metastatic Breast Cancer. <i>Advanced Functional Materials</i> , 2021, 31, 2007402.	7.8	19
521	Inactivation of ICAM1 inhibits metastasis and improves the prognosis of Ewing's sarcoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 393-401.	1.2	4
522	B7-H3 augments the pro-angiogenic function of tumor-associated macrophages and acts as a novel adjuvant target for triple-negative breast cancer therapy. <i>Biochemical Pharmacology</i> , 2021, 183, 114298.	2.0	30
524	Prolyl and lysyl hydroxylases in collagen synthesis. <i>Experimental Dermatology</i> , 2021, 30, 38-49.	1.4	49
525	Synthetic promoters to induce immune-effectors into the tumor microenvironment. <i>Communications Biology</i> , 2021, 4, 143.	2.0	11
527	Obstructions in Nanoparticles Conveyance, Nano-Drug Retention, and EPR Effect in Cancer Therapies. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2021, , 669-704.	0.1	1
528	HIF-1-induced mitochondrial ribosome protein L52: a mechanism for breast cancer cellular adaptation and metastatic initiation in response to hypoxia. <i>Theranostics</i> , 2021, 11, 7337-7359.	4.6	28
529	UCPs/Zn ₂ GeO ₄ :Mn ²⁺ /g-C ₃ N ₄ heterojunction engineered injectable thermosensitive hydrogel for oxygen independent breast cancer neoadjuvant photodynamic therapy. <i>Biomaterials Science</i> , 2021, 9, 2124-2136.	2.6	9

#	ARTICLE	IF	CITATIONS
530	Validation of CT radiomics for prediction of distant metastasis after surgical resection in patients with clear cell renal cell carcinoma: exploring the underlying signaling pathways. <i>European Radiology</i> , 2021, 31, 5032-5040.	2.3	14
531	Bioinformatic analysis of PLOD family member expression and prognostic value in non-small cell lung cancer. <i>Translational Cancer Research</i> , 2021, 10, 2707-2724.	0.4	7
532	A fluorescence nanoprobe for detecting the effect of different oxygen and nutrient conditions on breast cancer cells' migration and invasion. <i>Biomaterials Science</i> , 2021, 9, 4428-4432.	2.6	2
533	Lanthanide complexes of DOTA-nitroxide conjugates for redox imaging: spectroelectrochemistry, CEST, relaxivity, and cytotoxicity. <i>Dalton Transactions</i> , 2021, 50, 10826-10837.	1.6	5
534	The molecular and cellular effects of radiotherapy-induced microenvironment changes on potential chemoresistance in glioblastoma. , 2021, , 335-364.		3
535	3D Cell Cultures as Prospective Models to Study Extracellular Vesicles in Cancer. <i>Cancers</i> , 2021, 13, 307.	1.7	20
536	Hypoxia promotes the metastasis of pancreatic cancer through regulating NOX4/KDM5A-mediated histone methylation modification changes in a HIF1A-independent manner. <i>Clinical Epigenetics</i> , 2021, 13, 18.	1.8	38
537	Prognostic and immunological role of Fam20C in pan-cancer. <i>Bioscience Reports</i> , 2021, 41, .	1.1	19
538	Encapsulating an acid-activatable phthalocyanine-doxorubicin conjugate and the hypoxia-sensitive tirapazamine in polymeric micelles for multimodal cancer therapy. <i>Biomaterials Science</i> , 2021, 9, 4936-4951.	2.6	6
539	A multidimensional biosensor system to guide LUAD individualized treatment. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7991-8002.	2.9	3
540	Molecular and Functional Imaging and Theranostics of the Tumor Microenvironment. , 2021, , 1007-1029.		1
541	HIF-1 α promotes the migration and invasion of cancer-associated fibroblasts by miR-210. , 2021, 12, 1794.		19
542	Repression of the miR-627-5p by histone deacetylase 3 contributes to hypoxia-induced hepatocellular carcinoma progression. <i>Journal of Cancer</i> , 2021, 12, 5320-5330.	1.2	4
543	Sequentially Targeting Cancer-Associated Fibroblast and Mitochondria Alleviates Tumor Hypoxia and Inhibits Cancer Metastasis by Preventing α -Soil-Formation and α -Seed-Dissemination. <i>Advanced Functional Materials</i> , 2021, 31, 2010283.	7.8	18
544	Applications of Micro/Nanotechnology in Ultrasound-based Drug Delivery and Therapy for Tumor. <i>Current Medicinal Chemistry</i> , 2021, 28, 525-547.	1.2	17
545	Hepatic metastasis of gastric cancer is associated with enhanced expression of ethanolamine kinase 2 via the p53-Bcl-2 intrinsic apoptosis pathway. <i>British Journal of Cancer</i> , 2021, 124, 1449-1460.	2.9	17
547	The effects of hypoxia on mitochondrial function and metabolism in gastric cancer cells. <i>Translational Cancer Research</i> , 2021, 10, 817-826.	0.4	4
548	Hypoxia Onset in Mesenchymal Stem Cell Spheroids: Monitoring With Hypoxia Reporter Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 611837.	2.0	26

#	ARTICLE	IF	CITATIONS
549	Targeting the purinergic pathway in breast cancer and its therapeutic applications. <i>Purinergic Signalling</i> , 2021, 17, 179-200.	1.1	16
550	Mechanobiology of Autophagy: The Unexplored Side of Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 632956.	1.3	26
551	Modeling the Mechanobiology of Cancer Cell Migration Using 3D Biomimetic Hydrogels. <i>Gels</i> , 2021, 7, 17.	2.1	23
552	Oxygen-Delivering Polyfluorocarbon Nanovehicles Improve Tumor Oxygenation and Potentiate Photodynamic-Mediated Antitumor Immunity. <i>ACS Nano</i> , 2021, 15, 5405-5419.	7.3	57
553	Nephronectin as a Matrix Effector in Cancer. <i>Cancers</i> , 2021, 13, 959.	1.7	10
554	Functional photoacoustic/ultrasound imaging for the assessment of breast intraductal lesions: preliminary clinical findings. <i>Biomedical Optics Express</i> , 2021, 12, 1236.	1.5	9
555	Characterising cancer-associated fibroblast heterogeneity in non-small cell lung cancer: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2021, 11, 3727.	1.6	27
556	Research progress of response strategies based on tumor microenvironment in drug delivery systems. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	0.8	5
557	Modeling the tumor immune microenvironment for drug discovery using 3D culture. <i>APL Bioengineering</i> , 2021, 5, 010903.	3.3	14
558	Aligned Networks of Engineered Fibrillar Fibronectin Guide Cellular Orientation and Motility. <i>Small Structures</i> , 2021, 2, 2000137.	6.9	6
559	Extracellular vesicles in immunomodulation and tumor progression. <i>Nature Immunology</i> , 2021, 22, 560-570.	7.0	233
560	Biocompatible nanoreactors of catalase and nanozymes for anticancer therapeutics. <i>Nano Select</i> , 2021, 2, 1849-1873.	1.9	8
561	Long noncoding RNA LINC00518 induces radioresistance by regulating glycolysis through an miR-33a-3p/HIF-1 β negative feedback loop in melanoma. <i>Cell Death and Disease</i> , 2021, 12, 245.	2.7	30
562	Bromodomain protein BRDT directs β -Np63 function and super-enhancer activity in a subset of esophageal squamous cell carcinomas. <i>Cell Death and Differentiation</i> , 2021, 28, 2207-2220.	5.0	18
563	Drug penetration in pediatric brain tumors: Challenges and opportunities. <i>Pediatric Blood and Cancer</i> , 2021, 68, e28983.	0.8	10
564	Recent Advancements in Nanomedicine for β -Cold β ™ Tumor Immunotherapy. <i>Nano-Micro Letters</i> , 2021, 13, 92.	14.4	41
565	Harnessing Hypoxia-Dependent Cyanine Photocages for In Vivo Precision Drug Release. <i>Angewandte Chemie</i> , 2021, 133, 9639-9647.	1.6	3
566	Identification of a Six Gene Prognosis Signature for Papillary Thyroid Cancer Using Multi-Omics Methods and Bioinformatics Analysis. <i>Frontiers in Oncology</i> , 2021, 11, 624421.	1.3	12

#	ARTICLE	IF	CITATIONS
567	A narrative review of the antitumor studies of solanine. <i>Translational Cancer Research</i> , 2021, 10, 1578-1582.	0.4	7
568	Harnessing Hypoxia-Dependent Cyanine Photocages for In Vivo Precision Drug Release. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9553-9561.	7.2	28
569	Dicer1 Promotes Colon Cancer Cell Invasion and Migration Through Modulation of tRF-20-MEJB5Y13 Expression Under Hypoxia. <i>Frontiers in Genetics</i> , 2021, 12, 638244.	1.1	22
570	Hydrogel Models with Stiffness Gradients for Interrogating Pancreatic Cancer Cell Fate. <i>Bioengineering</i> , 2021, 8, 37.	1.6	11
571	Identifying and Validating Potential Biomarkers of Early Stage Lung Adenocarcinoma Diagnosis and Prognosis. <i>Frontiers in Oncology</i> , 2021, 11, 644426.	1.3	9
572	Hypoxia-Activated Prodrug Enabling Synchronous Chemotherapy and HIF-1 α Downregulation for Tumor Treatment. <i>Bioconjugate Chemistry</i> , 2021, 32, 983-990.	1.8	13
573	The liver metastatic niche: modelling the extracellular matrix in metastasis. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	1.2	9
574	Collagen molecular phenotypic switch between non-neoplastic and neoplastic canine mammary tissues. <i>Scientific Reports</i> , 2021, 11, 8659.	1.6	7
575	Endogenous Stimuli-Activatable Nanomedicine for Immune Theranostics for Cancer. <i>Advanced Functional Materials</i> , 2021, 31, 2100386.	7.8	36
576	Breast cancer as an example of tumour heterogeneity and tumour cell plasticity during malignant progression. <i>British Journal of Cancer</i> , 2021, 125, 164-175.	2.9	177
578	LncRNA influence sequential steps of hepatocellular carcinoma metastasis. <i>Biomedicine and Pharmacotherapy</i> , 2021, 136, 111224.	2.5	24
579	Tumor microenvironment acidity modulates ROR1 to promote epithelial-mesenchymal transition and hepatocarcinoma metastasis. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	5
580	Identification and validation of a risk signature based on extracellular matrix-related genes in gliomas. <i>Medicine (United States)</i> , 2021, 100, e25603.	0.4	5
581	Stimuli-Responsive Nanoparticles Combining Photodynamic Therapy and Mitochondria Disruption Suppressed Tumor Metastasis. <i>Advanced Materials Interfaces</i> , 2021, 8, 2002200.	1.9	10
582	Identification of prognostic biomarkers associated with the occurrence of portal vein tumor thrombus in hepatocellular carcinoma. <i>Aging</i> , 2021, 13, 11786-11807.	1.4	9
583	Metabolic Rewiring in Radiation Oncology Toward Improving the Therapeutic Ratio. <i>Frontiers in Oncology</i> , 2021, 11, 653621.	1.3	7
584	miR-1258 Attenuates Tumorigenesis Through Targeting E2F1 to Inhibit PCNA and MMP2 Transcription in Glioblastoma. <i>Frontiers in Oncology</i> , 2021, 11, 671144.	1.3	7
585	A smart O ₂ -generating nanocarrier optimizes drug transportation comprehensively for chemotherapy improving. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 3608-3621.	5.7	19

#	ARTICLE	IF	CITATIONS
586	A new thinking: extended application of genomic selection to screen multiomics data for development of novel hypoxia-immune biomarkers and target therapy of clear cell renal cell carcinoma. Briefings in Bioinformatics, 2021, 22, .	3.2	36
587	JMJD6 Dysfunction Due to Iron Deficiency in Preeclampsia Disrupts Fibronectin Homeostasis Resulting in Diminished Trophoblast Migration. Frontiers in Cell and Developmental Biology, 2021, 9, 652607.	1.8	6
588	Epithelial-mesenchymal transition: Insights into nickel-induced lung diseases. Seminars in Cancer Biology, 2021, 76, 99-109.	4.3	40
589	Role of ARK5 in cancer and other diseases (Review). Experimental and Therapeutic Medicine, 2021, 22, 697.	0.8	9
590	Spontaneous Cell Detachment and Reattachment in Cancer Cell Lines: An In Vitro Model of Metastasis and Malignancy. International Journal of Molecular Sciences, 2021, 22, 4929.	1.8	3
591	Development and Validation of a Hypoxia-Related Signature for Predicting Survival Outcomes in Patients With Bladder Cancer. Frontiers in Genetics, 2021, 12, 670384.	1.1	15
592	From Design to Clinic: Engineered Nanobiomaterials for Immune Normalization Therapy of Cancer. Advanced Materials, 2021, 33, e2008094.	11.1	60
593	Tumor microenvironment remodeling-based penetration strategies to amplify nanodrug accessibility to tumor parenchyma. Advanced Drug Delivery Reviews, 2021, 172, 80-103.	6.6	50
594	Antiangiogenesis Combined with Inhibition of the Hypoxia Pathway Facilitates Low-Dose, X-ray-Induced Photodynamic Therapy. ACS Nano, 2021, 15, 11112-11125.	7.3	16
595	Emodin: A metabolite that exhibits anti-neoplastic activities by modulating multiple oncogenic targets. Toxicology in Vitro, 2021, 73, 105142.	1.1	11
596	KCNN4 promotes the progression of lung adenocarcinoma by activating the AKT and ERK signaling pathways. Cancer Biomarkers, 2021, 31, 187-201.	0.8	7
597	In-vitro tumor microenvironment models containing physical and biological barriers for modelling multidrug resistance mechanisms and multidrug delivery strategies. Journal of Controlled Release, 2021, 334, 164-177.	4.8	19
598	Survival prediction based on the gene expression associated with cancer morphology and microenvironment in primary central nervous system lymphoma. PLoS ONE, 2021, 16, e0251272.	1.1	7
599	Tumor vessel co-option probed by single-cell analysis. Cell Reports, 2021, 35, 109253.	2.9	44
600	Radionuclide labeled gold nanoclusters boost effective anti-tumor immunity for augmented radio-immunotherapy of cancer. Nano Today, 2021, 38, 101144.	6.2	26
601	Adenosine/TGF β 2 axis in regulation of mammary fibroblast functions. PLoS ONE, 2021, 16, e0252424.	1.1	9
602	Screening and Validation of the Hypoxia-Related Signature of Evaluating Tumor Immune Microenvironment and Predicting Prognosis in Gastric Cancer. Frontiers in Immunology, 2021, 12, 705511.	2.2	28
603	Effect of the Hypoxia Inducible Factor on Sorafenib Resistance of Hepatocellular Carcinoma. Frontiers in Oncology, 2021, 11, 641522.	1.3	19

#	ARTICLE	IF	CITATIONS
604	Mechanoresponsive metabolism in cancer cell migration and metastasis. <i>Cell Metabolism</i> , 2021, 33, 1307-1321.	7.2	127
605	Ten-gene signature reveals the significance of clinical prognosis and immuno-correlation of osteosarcoma and study on novel skeleton inhibitors regarding MMP9. <i>Cancer Cell International</i> , 2021, 21, 377.	1.8	19
606	Involvement of HIF-1 α in the Detection, Signaling, and Repair of DNA Double-Strand Breaks after Photon and Carbon-Ion Irradiation. <i>Cancers</i> , 2021, 13, 3833.	1.7	10
607	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
608	Mechanisms involved in selecting and maintaining neuroblastoma cancer stem cell populations, and perspectives for therapeutic targeting. <i>World Journal of Stem Cells</i> , 2021, 13, 685-736.	1.3	3
609	Liver extracellular matrix hydrogel-based three-dimensional culture system of HepG2 cells to enhance cancer stem cell properties. <i>Materials Science and Engineering C</i> , 2021, 126, 112119.	3.8	7
610	Oxygen-Based Nanocarriers to Modulate Tumor Hypoxia for Ameliorated Anti-Tumor Therapy: Fabrications, Properties, and Future Directions. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 683519.	1.6	18
611	Isorhamnetin Promotes MKN-45 Gastric Cancer Cell Apoptosis by Inhibiting PI3K-Mediated Adaptive Autophagy in a Hypoxic Environment. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 8130-8143.	2.4	15
612	Metabolic landscapes in sarcomas. <i>Journal of Hematology and Oncology</i> , 2021, 14, 114.	6.9	10
613	Consequences of Extracellular Matrix Remodeling in Headway and Metastasis of Cancer along with Novel Immunotherapies: A Great Promise for Future Endeavor. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 1257-1271.	0.9	5
614	Lineage-specific mechanisms and drivers of breast cancer chemoresistance revealed by 3D biomimetic culture. <i>Molecular Oncology</i> , 2022, 16, 921-939.	2.1	10
615	Geospatial Cellular Distribution of Cancer-Associated Fibroblasts Significantly Impacts Clinical Outcomes in Metastatic Clear Cell Renal Cell Carcinoma. <i>Cancers</i> , 2021, 13, 3743.	1.7	13
616	Overcoming physical stromal barriers to cancer immunotherapy. <i>Drug Delivery and Translational Research</i> , 2021, 11, 2430-2447.	3.0	5
617	The Natural Product Î²-Escin Targets Cancer and Stromal Cells of the Tumor Microenvironment to Inhibit Ovarian Cancer Metastasis. <i>Cancers</i> , 2021, 13, 3931.	1.7	20
618	In Situ Overexpression of Matricellular Mechanical Proteins Demands Functional Immune Signature and Mitigates Non-Small Cell Lung Cancer Progression. <i>Frontiers in Immunology</i> , 2021, 12, 714230.	2.2	4
619	Identification of a Hypoxia-Related Molecular Classification and Hypoxic Tumor Microenvironment Signature for Predicting the Prognosis of Patients with Triple-Negative Breast Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 700062.	1.3	15
620	Hypoxic Jumbo Spheroids On-A-Chip (HOnAChip): Insights into Treatment Efficacy. <i>Cancers</i> , 2021, 13, 4046.	1.7	11
621	The Fibrosis-Targeted Collagen/Integrins Gene Profile Predicts Risk of Metastasis in Pulmonary Neuroendocrine Neoplasms. <i>Frontiers in Oncology</i> , 2021, 11, 706141.	1.3	4

#	ARTICLE	IF	CITATIONS
622	Hypoxia promotes pancreatic cancer cell migration, invasion, and epithelial-mesenchymal transition via modulating the FOXO3a/ DUSP6/ERK axis. <i>Journal of Gastrointestinal Oncology</i> , 2021, 12, 1691-1703.	0.6	5
623	Influencing factors and strategies of enhancing nanoparticles into tumors in vivo. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 2265-2285.	5.7	94
624	Photodynamic Therapy for the Treatment and Diagnosis of Cancer—A Review of the Current Clinical Status. <i>Frontiers in Chemistry</i> , 2021, 9, 686303.	1.8	172
625	Immunosuppressive microenvironment in oral cancer: implications for cancer immunotherapy. <i>Exploration of Immunology</i> , 0, , .	1.7	2
626	Nitric oxide-releasing micelles with intelligent targeting for enhanced anti-tumor effect of cisplatin in hypoxia. <i>Journal of Nanobiotechnology</i> , 2021, 19, 246.	4.2	15
627	Repurposing macitentan with nanoparticle modulates tumor microenvironment to potentiate immune checkpoint blockade. <i>Biomaterials</i> , 2021, 276, 121058.	5.7	13
628	Metal peroxides for cancer treatment. <i>Bioactive Materials</i> , 2021, 6, 2698-2710.	8.6	46
629	Integrated Bioinformatics and Experimental Approaches Identified the Role of NPPA in the Proliferation and the Malignant Behavior of Breast Cancer. <i>Journal of Immunology Research</i> , 2021, 2021, 1-17.	0.9	0
630	Technological perspectives on laser speckle micro-rheology for cancer mechanobiology research. <i>Journal of Biomedical Optics</i> , 2021, 26, .	1.4	0
631	HIF-Dependent Mechanisms of Relationship between Hypoxia Tolerance and Tumor Development. <i>Biochemistry (Moscow)</i> , 2021, 86, 1163-1180.	0.7	12
632	Zwitterionic Block Copolymer Prodrug Micelles for pH Responsive Drug Delivery and Hypoxia-Specific Chemotherapy. <i>Molecular Pharmaceutics</i> , 2022, 19, 1766-1777.	2.3	11
633	Characterization of hypoxia response patterns identified prognosis and immunotherapy response in bladder cancer. <i>Molecular Therapy - Oncolytics</i> , 2021, 22, 277-293.	2.0	19
634	The distinct roles of exosomes in tumor-stroma crosstalk within gastric tumor microenvironment. <i>Pharmacological Research</i> , 2021, 171, 105785.	3.1	14
635	Site-Selective Photosynthesis of Ag@AgCl@Au Nanomushrooms for NIR-II Light-Driven O ₂ - and O ₂ ^{•-} -Evolving Synergistic Photothermal Therapy against Deep Hypoxic Tumors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 46451-46463.	4.0	15
636	Metabolic reprogramming due to hypoxia in pancreatic cancer: Implications for tumor formation, immunity, and more. <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111798.	2.5	33
637	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
638	The role and therapeutic potential of MSC-derived exosomes in osteoarthritis. <i>Archives of Biochemistry and Biophysics</i> , 2021, 710, 109002.	1.4	35
639	Identification and validation of a hypoxia-related prognostic signature in clear cell renal cell carcinoma patients. <i>Medicine (United States)</i> , 2021, 100, e27374.	0.4	7

#	ARTICLE	IF	CITATIONS
640	Stromal modulation strategies to improve immunotherapy response in cancer. , 2022, , 241-291.		0
641	Nuclear Medicine Imaging Procedures in Oncology. <i>Methods in Molecular Biology</i> , 2021, 2294, 297-323.	0.4	1
642	Three-dimensional in vitro models to study potentiation of glioblastoma resistance by hypoxia. , 2021, , 491-496.		0
643	Identification and validation of hypoxia-derived gene signatures to predict clinical outcomes and therapeutic responses in stage I lung adenocarcinoma patients. <i>Theranostics</i> , 2021, 11, 5061-5076.	4.6	48
644	Mapping mechanical properties of biological materials via an add-on Brillouin module to confocal microscopes. <i>Nature Protocols</i> , 2021, 16, 1251-1275.	5.5	38
645	A hypoxia related long non-coding RNA signature could accurately predict survival outcomes in patients with bladder cancer. <i>Bioengineered</i> , 2021, 12, 3802-3823.	1.4	8
646	Hypoxia re-programs 2- ^{acetyl} -O-Me modifications on ribosomal RNA. <i>IScience</i> , 2021, 24, 102010.	1.9	16
647	Tumor Microenvironment and Intracellular Signal-Activated Nanocomposites for Anticancer Drug Delivery. <i>Materials Horizons</i> , 2021, , 167-200.	0.3	1
648	The multiple roles of actin-binding proteins at invadopodia. <i>International Review of Cell and Molecular Biology</i> , 2021, 360, 99-132.	1.6	6
649	Novel semiconducting nano-agents incorporating tirapazamine for imaging guided synergistic cancer hypoxia activated photo-chemotherapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5318-5328.	2.9	9
650	Hypoxia Molecular Characterization in Hepatocellular Carcinoma Identifies One Risk Signature and Two Nomograms for Clinical Management. <i>Journal of Oncology</i> , 2021, 2021, 1-20.	0.6	26
651	An albumin-binding dimeric prodrug nanoparticle with long blood circulation and light-triggered drug release for chemo-photodynamic combination therapy against hypoxia-induced metastasis of lung cancer. <i>Biomaterials Science</i> , 2021, 9, 3718-3736.	2.6	18
652	Secretome of Activated Fibroblasts Induced by Exosomes for the Discovery of Biomarkers in Non-Small Cell Lung Cancer. <i>Small</i> , 2021, 17, e2004750.	5.2	18
653	The HGF/MET Signaling and Therapeutics in Cancer. <i>Current Human Cell Research and Applications</i> , 2018, , 155-181.	0.1	5
654	Deciphering the loop of epithelial-mesenchymal transition, inflammatory cytokines and cancer immunoediting. <i>Cytokine and Growth Factor Reviews</i> , 2017, 36, 67-77.	3.2	71
655	Current developments in nanotechnology for improved cancer treatment, focusing on tumor hypoxia. <i>Journal of Controlled Release</i> , 2020, 324, 413-429.	4.8	76
656	Targeted Polymeric Nanoparticles for Drug Delivery to Hypoxic, Triple-Negative Breast Tumors. <i>ACS Applied Bio Materials</i> , 2021, 4, 1450-1460.	2.3	29
657	Obesity, sleep apnea, and cancer. <i>International Journal of Obesity</i> , 2020, 44, 1653-1667.	1.6	53

#	ARTICLE	IF	CITATIONS
658	Genome-wide analysis of the hypoxia-related DNA methylation-driven genes in lung adenocarcinoma progression. <i>Bioscience Reports</i> , 2020, 40, .	1.1	21
659	Optical and magnetic resonance imaging approaches for investigating the tumour microenvironment: state-of-the-art review and future trends. <i>Nanotechnology</i> , 2021, 32, 062001.	1.3	10
661	A Comprehensive Biological and Clinical Perspective Can Drive a Patient-Tailored Approach to Multiple Myeloma: Bridging the Gaps between the Plasma Cell and the Neoplastic Niche. <i>Journal of Oncology</i> , 2020, 2020, 1-16.	0.6	8
662	Oncolytic viruses: overcoming translational challenges. <i>Journal of Clinical Investigation</i> , 2019, 129, 1407-1418.	3.9	70
663	Metformin Reduces Desmoplasia in Pancreatic Cancer by Reprogramming Stellate Cells and Tumor-Associated Macrophages. <i>PLoS ONE</i> , 2015, 10, e0141392.	1.1	110
664	Cell softness regulates tumorigenicity and stemness of cancer cells. <i>EMBO Journal</i> , 2021, 40, e106123.	3.5	77
665	ADAMTS4 is upregulated in colorectal cancer and could be a useful prognostic indicator of colorectal cancer. <i>Revista Da Associação Médica Brasileira</i> , 2020, 66, 42-47.	0.3	5
666	HIF-2 β upregulation mediated by hypoxia promotes NAFLD-HCC progression by activating lipid synthesis via the PI3K-AKT-mTOR pathway. <i>Aging</i> , 2019, 11, 10839-10860.	1.4	69
667	In-depth proteomic profiling of the uveal melanoma secretome. <i>Oncotarget</i> , 2016, 7, 49623-49635.	0.8	45
668	Tissue and imaging biomarkers for hypoxia predict poor outcome in endometrial cancer. <i>Oncotarget</i> , 2016, 7, 69844-69856.	0.8	30
669	Tumor-educated mesenchymal stem cells promote pro-metastatic phenotype. <i>Oncotarget</i> , 2017, 8, 73296-73311.	0.8	86
670	SuperQuant-assisted comparative proteome analysis of glioblastoma subpopulations allows for identification of potential novel therapeutic targets and cell markers. <i>Oncotarget</i> , 2018, 9, 9400-9414.	0.8	8
671	HIF-1 β and TAZ serve as reciprocal co-activators in human breast cancer cells. <i>Oncotarget</i> , 2015, 6, 11768-11778.	0.8	59
672	Nuclear β -arrestin1 is a critical cofactor of hypoxia-inducible factor-1 α signaling in endothelin-1-induced ovarian tumor progression. <i>Oncotarget</i> , 2016, 7, 17790-17804.	0.8	33
673	Gene expression analyses of primary melanomas reveal CTHRC1 as an important player in melanoma progression. <i>Oncotarget</i> , 2016, 7, 15065-15092.	0.8	33
674	Activation of mesenchymal stem cells by macrophages promotes tumor progression through immune suppressive effects. <i>Oncotarget</i> , 2016, 7, 20934-20944.	0.8	45
675	Comprehensive circular RNA profiling identifies CircFAM120A as a new biomarker of hypoxic lung adenocarcinoma. <i>Annals of Translational Medicine</i> , 2019, 7, 442-442.	0.7	25
676	Endurance Exercise Mitigates Immunometabolic Adipose Tissue Disturbances in Cancer and Obesity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9745.	1.8	8

#	ARTICLE	IF	CITATIONS
677	Bacterial Template Synthesis of Multifunctional Nanospindles for Glutathione Detection and Enhanced Cancer-Specific Chemo-Chemodynamic Therapy. <i>Research</i> , 2020, 2020, 9301215.	2.8	46
678	Identification of potential key genes in gastric cancer using bioinformatics analysis. <i>Biomedical Reports</i> , 2020, 12, 178-192.	0.9	18
679	Pathophysiology of hepatic Na ⁺ /H ⁺ exchange (Review). <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 1220-1229.	0.8	12
680	Identification of aberrantly methylated differentially expressed genes and gene ontology in prostate cancer. <i>Molecular Medicine Reports</i> , 2020, 21, 744-758.	1.1	5
681	Tumor-Associated Macrophages Derived TGF- β 2-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
682	Changes in extracellular matrix in different stages of colorectal cancer and their effects on proliferation of cancer cells. <i>World Journal of Gastrointestinal Oncology</i> , 2020, 12, 267-275.	0.8	38
683	Increased Expression of the Matrix-Modifying Enzyme Lysyl Oxidase-Like 2 in Aggressive Hepatocellular Carcinoma with Poor Prognosis. <i>Gut and Liver</i> , 2019, 13, 83-92.	1.4	19
684	Collagen-rich omentum is a premetastatic niche for integrin β 2-mediated peritoneal metastasis. <i>ELife</i> , 2020, 9, .	2.8	35
685	Modeling the Roles of Astrocytes in the Metastatic Tumor Cell Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1329, 217-237.	0.8	0
686	Telocytes in the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1329, 205-216.	0.8	10
687	Oral biomaterials for intestinal regulation. <i>Engineered Regeneration</i> , 2021, 2, 116-132.	3.0	6
688	Tumor-Acidity and Bioorthogonal Chemistry Mediated Construction and Deconstruction of Drug Depots for Ferroptosis Under Normoxia and Hypoxia. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
689	Identification of a Hypoxia-Related Gene Signature for Predicting Systemic Metastasis in Prostate Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 696364.	1.8	2
690	Cold exposure and capsaicin promote 1,2-dimethylhydrazine-induced colon carcinogenesis in rats correlates with extracellular matrix remodeling. <i>World Journal of Gastroenterology</i> , 2021, 27, 6615-6630.	1.4	4
691	3D-Printed Oxygen-Carrying Nanocomposite Hydrogels for Enhanced Cell Viability under Hypoxic and Normoxic Conditions. <i>Biomacromolecules</i> , 2021, 22, 4758-4769.	2.6	9
693	HIF-1 α and HIF-2 α mediated hypoxia-induced autophagy in colorectal cancer cells. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 1000-1010.	1.1	1
694	Crosstalk between cancer-associated fibroblasts and immune cells in the tumor microenvironment: new findings and future perspectives. <i>Molecular Cancer</i> , 2021, 20, 131.	7.9	702
696	Impact of Respiratory-Gated FMISO-PET/CT for the Quantitative Evaluation of Hypoxia in Non-small Cell Lung Cancer. , 2016, , 319-326.		0

#	ARTICLE	IF	CITATIONS
697	Puzzles in modern biology. III. Two kinds of causality in age-related disease. F1000Research, 2016, 5, 2533.	0.8	1
698	Puzzles in modern biology. III.Two kinds of causality in age-related disease. F1000Research, 2016, 5, 2533.	0.8	1
699	Design and Synthesis of Novel Anti-metastatic Hypoxic Cytotoxin TX-2137 Targeting AKT Kinase. Anticancer Research, 2017, 37, 3877-3883.	0.5	2
701	The Present and Future of the Cancer Microenvironment Bioprinting. The Korean Journal of Urological Oncology, 2017, 15, 103-110.	0.1	0
702	Intravital imaging of tumor bioenergetics in metastatic and non-metastatic breast cancer. , 2018, , .		0
704	Transcriptome profiling of the interconnection of pathways involved in malignant transformation and response to hypoxia. Oncotarget, 2018, 9, 19730-19744.	0.8	1
710	Magnetic Resonance Imaging for Quantification of Brain Vascular Perfusion. Neuromethods, 2021, , 289-321.	0.2	0
711	Biodegradable oxygen-producing manganese-chelated metal organic frameworks for tumor-targeted synergistic chemo/photothermal/ photodynamic therapy. Acta Biomaterialia, 2022, 138, 463-477.	4.1	38
714	In vivo detection of murine glioblastoma through Raman and reflectance fiber-probe spectroscopies. Neurophotonics, 2020, 7, 045010.	1.7	4
715	Clinical significance of hypoxia-inducible factor 1 α , and its correlation with p53 and vascular endothelial growth factor expression in resectable esophageal squamous cell carcinoma. Journal of Cancer Research and Therapeutics, 2020, 16, 269.	0.3	8
716	Manipulating Extracellular Matrix Organizations and Parameters to Control Local Cancer Invasion. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 2566-2576.	1.9	4
717	Hypoxia and Metastatic Disease. , 2020, , 243-253.		0
718	Mechanisms of Exercise in Cancer Prevention, Treatment, and Survivorship. , 2020, , 61-83.		0
720	Development of a pO ₂ Guided Fine Needle Tumor Biopsy Device. Journal of Medical Devices, Transactions of the ASME, 2021, 16, 021003.	0.4	2
721	Dynamic nano-assemblies based on two-dimensional inorganic nanoparticles: Construction and preclinical demonstration. Advanced Drug Delivery Reviews, 2022, 180, 114031.	6.6	14
723	Chemodynamic Therapy via Fenton and Fenton-Like Nanomaterials: Strategies and Recent Advances. Small, 2022, 18, e2103868.	5.2	248
726	CD147 and MMP-9 expressions in type II/III adenocarcinoma of esophagogastric junction and their clinicopathological significances. International Journal of Clinical and Experimental Pathology, 2015, 8, 1929-37.	0.5	12
727	Expressions of Collagen I and III in Hypoxic Keloid Tissue. Kobe Journal of Medical Sciences, 2016, 62, E58-69.	0.2	12

#	ARTICLE	IF	CITATIONS
728	AMPK-related kinase 5 (ARK5) enhances gemcitabine resistance in pancreatic carcinoma by inducing epithelial-mesenchymal transition. American Journal of Translational Research (discontinued), 2018, 10, 4095-4106.	0.0	10
729	Type I β 3 phosphatidylinositol phosphate kinase dependent cell migration and invasion are dispensable for tumor metastasis. American Journal of Cancer Research, 2019, 9, 959-974.	1.4	1
730	A pilot study comparing the genetic molecular biology of gestational and non-gestational choriocarcinoma. American Journal of Translational Research (discontinued), 2019, 11, 7049-7062.	0.0	5
731	ITGB3/CD61: a hub modulator and target in the tumor microenvironment. American Journal of Translational Research (discontinued), 2019, 11, 7195-7208.	0.0	14
732	Hypoxia promoted renal cell carcinoma cell migration through regulating lncRNA-ENST00000574654.1. American Journal of Translational Research (discontinued), 2020, 12, 3884-3894.	0.0	2
733	Epithelial-mesenchymal transition and metastatic ability of CD133 colorectal cancer stem-like cells under hypoxia. Oncology Letters, 2021, 21, 19.	0.8	1
734	Hypoxia-Mediated Complement 1q Binding Protein Regulates Metastasis and Chemoresistance in Triple-Negative Breast Cancer and Modulates the PKC-NF- κ B-VCAM-1 Signaling Pathway. Frontiers in Cell and Developmental Biology, 2021, 9, 607142.	1.8	2
735	High expression of LUM independently predicts poor prognosis in gastric cancer: a bioinformatics study combining TCGA and GEO datasets. International Journal of Transgender Health, 2021, 14, 1063-1072.	1.1	2
736	Hypoxia-Induced LncRNA-MIR210HG Promotes Cancer Progression By Inhibiting HIF-1 α Degradation in Ovarian Cancer. Frontiers in Oncology, 2021, 11, 701488.	1.3	10
737	Scalable Enrichment of Immunomodulatory Human Acute Myeloid Leukemia Cell Line-Derived Extracellular Vesicles. Cells, 2021, 10, 3321.	1.8	3
738	Suppression of breast cancer progression by FBXL16 via oxygen-independent regulation of HIF1 α stability. Cell Reports, 2021, 37, 109996.	2.9	16
739	Molecular targets and therapeutics in chemoresistance of triple-negative breast cancer. Medical Oncology, 2022, 39, 14.	1.2	15
740	Bioinformatics Analysis of Hub Genes and Potential Therapeutic Agents Associated with Gastric Cancer. Cancer Management and Research, 2021, Volume 13, 8929-8951.	0.9	11
741	Current developments in modelling the tumour microenvironment in vitro: Incorporation of biochemical and physical gradients. Organs-on-a-Chip, 2021, 3, 100012.	1.8	7
742	Identification of Hypoxia-Related Molecular Classification and Associated Gene Signature in Oral Squamous Cell Carcinoma. Frontiers in Oncology, 2021, 11, 709865.	1.3	1
743	Non-alcoholic steatohepatitis and risk of hepatocellular carcinoma. Chinese Medical Journal, 2021, 134, 2911-2921.	0.9	21
744	Synthesis of 7-amino-6-halogeno-3-phenylquinoxaline-2-carbonitrile 1,4-dioxides: a way forward for targeting hypoxia and drug resistance of cancer cells. RSC Advances, 2021, 11, 38782-38795.	1.7	3
746	STAT3/HIF-1 α /fascin-1 axis promotes RA FLSs migration and invasion ability under hypoxia. Molecular Immunology, 2022, 142, 83-94.	1.0	12

#	ARTICLE	IF	CITATIONS
747	Anti-hypoxia nanosized drug delivery systems improving cancer therapy. <i>Nano Today</i> , 2022, 42, 101376.	6.2	12
748	Hypoxia enhances motility and EMT through the Na ⁺ /H ⁺ exchanger NHE-1 in MDA-MB-231 breast cancer cells. <i>Experimental Cell Research</i> , 2022, 412, 113006.	1.2	6
749	Mutual promotion of oxidative stress amplification and calcium overload by degradable spatially selective self-cascade catalyst for synergistic tumor therapy. <i>Chemical Engineering Journal</i> , 2022, 432, 134438.	6.6	23
750	Epithelial-mesenchymal transition and metastatic ability of CD133+ colorectal cancer stem-like cells under hypoxia. <i>Oncology Letters</i> , 2020, 21, 1-1.	0.8	5
751	Cancer diagnosis and analysis devices based on multimolecular crowding. <i>Chemical Communications</i> , 2021, 57, 13655-13661.	2.2	1
752	miR-29cb2 promotes angiogenesis and osteogenesis by inhibiting HIF-3Î± in bone. <i>IScience</i> , 2022, 25, 103604.	1.9	3
753	Hypoxia-Induced Stress Responses in Cancer and Cancer Stem Cells. , 2022, , 1829-1843.		0
754	Rewired Cellular Metabolic Profiles in Response to Metformin under Different Oxygen and Nutrient Conditions. <i>International Journal of Molecular Sciences</i> , 2022, 23, 989.	1.8	3
755	Multifaceted Interplay between Hormones, Growth Factors and Hypoxia in the Tumor Microenvironment. <i>Cancers</i> , 2022, 14, 539.	1.7	8
756	Biomimetic nanoparticles directly remodel immunosuppressive microenvironment for boosting glioblastoma immunotherapy. <i>Bioactive Materials</i> , 2022, 16, 418-432.	8.6	45
757	Exosomes in the hypoxic TME: from release, uptake and biofunctions to clinical applications. <i>Molecular Cancer</i> , 2022, 21, 19.	7.9	63
758	Tumor-acidity and bioorthogonal chemistry-mediated construction and deconstruction of drug depots for ferroptosis under normoxia and hypoxia. <i>Acta Biomaterialia</i> , 2022, 142, 253-263.	4.1	11
759	Mast Cell-Tumor Interactions: Molecular Mechanisms of Recruitment, Intratumoral Communication and Potential Therapeutic Targets for Tumor Growth. <i>Cells</i> , 2022, 11, 349.	1.8	25
760	Spindle pole body component 24 homolog potentiates tumor progression via regulation of SRY-box transcription factor 2 in clear cell renal cell carcinoma. <i>FASEB Journal</i> , 2022, 36, e22086.	0.2	0
761	Engineering nanomedicines to inhibit hypoxia-inducible Factor-1 for cancer therapy. <i>Cancer Letters</i> , 2022, 530, 110-127.	3.2	11
762	Nanoarchitectonics with metal-organic frameworks and platinum nanozymes with improved oxygen evolution for enhanced sonodynamic/chemo-therapy. <i>Journal of Colloid and Interface Science</i> , 2022, 614, 147-159.	5.0	48
763	Identification of Hypoxia-Immune-Related Gene Signatures and Construction of a Prognostic Model in Kidney Renal Clear Cell Carcinoma. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 796156.	1.8	4
764	The Effects of Î±vÎ²3 Integrin Blockage in Breast Tumor and Endothelial Cells under Hypoxia In Vitro. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1745.	1.8	9

#	ARTICLE	IF	CITATIONS
765	Mechanisms of Cisplatin Resistance in HPV Negative Head and Neck Squamous Cell Carcinomas. <i>Cells</i> , 2022, 11, 561.	1.8	18
766	Construction and Verification of a Combined Hypoxia and Immune Index for Clear Cell Renal Cell Carcinoma. <i>Frontiers in Genetics</i> , 2022, 13, 711142.	1.1	0
767	Core-shell structured nanoparticles for photodynamic therapy-based cancer treatment and related imaging. <i>Coordination Chemistry Reviews</i> , 2022, 458, 214427.	9.5	30
768	Tumor microenvironment-regulated nanoplatforms for the inhibition of tumor growth and metastasis in chemo-immunotherapy. <i>Journal of Materials Chemistry B</i> , 2022, 10, 3637-3647.	2.9	6
770	Is Tissue Still the Issue? The Promise of Liquid Biopsy in Uveal Melanoma. <i>Biomedicines</i> , 2022, 10, 506.	1.4	12
771	MicroRNA-29 Ameliorates Fibro-Inflammation and Insulin Resistance in HIF1 α -Deficient Obese Adipose Tissue by Inhibiting Endotrophin Generation. <i>Diabetes</i> , 2022, 71, 1746-1762.	0.3	12
772	AGT May Serve as a Prognostic Biomarker and Correlated with Immune Infiltration in Gastric Cancer. <i>International Journal of General Medicine</i> , 2022, Volume 15, 1865-1878.	0.8	5
773	A developmentally prometastatic niche to hepatoblastoma in neonatal liver mediated by the Cxcl1/Cxcr2 axis. <i>Hepatology</i> , 2022, 76, 1275-1290.	3.6	6
774	Chemotherapy as a regulator of extracellular matrix-cell communication: Implications in therapy resistance. <i>Seminars in Cancer Biology</i> , 2022, 86, 224-236.	4.3	28
775	Quantitative hypoxia mapping using a self-calibrated activatable nanoprobe. <i>Journal of Nanobiotechnology</i> , 2022, 20, 142.	4.2	6
776	Quercetin Inhibits Glioblastoma Growth and Prolongs Survival Rate through Inhibiting Glycolytic Metabolism. <i>Chemotherapy</i> , 2022, 67, 132-141.	0.8	4
777	Untargeted Metabolomics Showed Accumulation of One-Carbon Metabolites to Facilitate DNA Methylation during Extracellular Matrix Detachment of Cancer Cells. <i>Metabolites</i> , 2022, 12, 267.	1.3	3
778	Malassezia in Inflammatory Bowel Disease: Accomplice of Evoking Tumorigenesis. <i>Frontiers in Immunology</i> , 2022, 13, 846469.	2.2	7
779	Computed Tomography Imaging-Based Radiogenomics Analysis Reveals Hypoxia Patterns and Immunological Characteristics in Ovarian Cancer. <i>Frontiers in Immunology</i> , 2022, 13, 868067.	2.2	31
780	Promalignant effects of antiangiogenics in the tumor microenvironment. <i>Seminars in Cancer Biology</i> , 2022, 86, 199-206.	4.3	3
781	Hypoxia and Hypoxia-Inducible Factors in Lymphedema. <i>Frontiers in Pharmacology</i> , 2022, 13, 851057.	1.6	4
782	Bugs as Drugs: Understanding the Linkage between Gut Microbiota and Cancer Treatment. <i>Current Drug Targets</i> , 2022, 23, 869-888.	1.0	1
783	Hypoxia-induced PVT1 promotes lung cancer chemoresistance to cisplatin by autophagy via PVT1/miR-140-3p/ATG5 axis. <i>Cell Death Discovery</i> , 2022, 8, 104.	2.0	12

#	ARTICLE	IF	CITATIONS
784	Biophysical properties of hydrogels for mimicking tumor extracellular matrix. , 2022, 136, 212782.		7
785	A novel HIF1 α -STIL-FOXM1 axis regulates tumor metastasis. Journal of Biomedical Science, 2022, 29, 24.	2.6	5
786	Hypoxia-induced HIF-1 α /lncRNA-PMAN inhibits ferroptosis by promoting the cytoplasmic translocation of ELAVL1 in peritoneal dissemination from gastric cancer. Redox Biology, 2022, 52, 102312.	3.9	75
787	Inhibition of carbonic anhydrases IX/XII by SLC-0111 boosts cisplatin effects in hampering head and neck squamous carcinoma cell growth and invasion. Journal of Experimental and Clinical Cancer Research, 2022, 41, 122.	3.5	20
788	Blocking CD47 promotes antitumour immunity through CD103+ dendritic cell α NK cell axis in murine hepatocellular carcinoma model. Journal of Hepatology, 2022, 77, 467-478.	1.8	47
789	Identification and validation of cellular senescence patterns to predict clinical outcomes and immunotherapeutic responses in lung adenocarcinoma. Cancer Cell International, 2021, 21, 652.	1.8	11
790	Macrophages play a role in inflammatory transformation of colorectal cancer. World Journal of Gastrointestinal Oncology, 2021, 13, 2013-2028.	0.8	6
791	Impact of Immune Cell Heterogeneity on HER2+ Breast Cancer Prognosis and Response to Therapy. Cancers, 2021, 13, 6352.	1.7	2
792	ADAMTS8 Expression is a Potential Prognostic Biomarker for Postoperative Metastasis in Lymph Node-Negative Early-Stage Invasive Breast Carcinoma Patients. Pharmacogenomics and Personalized Medicine, 2021, Volume 14, 1701-1713.	0.4	0
793	HIF-1 α -activated long non-coding RNA KDM4A-AS1 promotes hepatocellular carcinoma progression via the miR-411-5p/KPNA2/AKT pathway. Cell Death and Disease, 2021, 12, 1152.	2.7	39
794	Hypoxia-Mediated Complement 1q Binding Protein Regulates Metastasis and Chemoresistance in Triple-Negative Breast Cancer and Modulates the PKC- η - β -VCAM-1 Signaling Pathway. Frontiers in Cell and Developmental Biology, 2021, 9, 607142.	1.8	14
795	CircRNAs: promising factors for regulating angiogenesis in colorectal cancer. Clinical and Translational Oncology, 2022, 24, 1673-1681.	1.2	4
796	Screening and Validation of Significant Genes with Poor Prognosis in Pathologic Stage-I Lung Adenocarcinoma. Journal of Oncology, 2022, 2022, 1-17.	0.6	5
797	Prediction of response to radiotherapy in locally advanced carcinoma cervix using multiparametric MRI: A prospective, single-center, longitudinal study. Asia-Pacific Journal of Clinical Oncology, 2022, , .	0.7	0
798	Dissecting extracellular and intracellular distribution of nanoparticles and their contribution to therapeutic response by monochromatic ratiometric imaging. Nature Communications, 2022, 13, 2004.	5.8	13
799	Applications of Polymers for Organ-on-Chip Technology in Urology. Polymers, 2022, 14, 1668.	2.0	15
817	Construction of a hypoxia-immune-related prognostic model and targeted therapeutic strategies for cervical cancer. International Immunology, 2022, 34, 379-394.	1.8	6
818	A deep tumor penetration nanoplatform for glycolysis inhibition and antimetastasis of breast cancer. Journal of Materials Chemistry B, 2022, 10, 4306-4320.	2.9	7

#	ARTICLE	IF	CITATIONS
819	Nanomaterials-based photosensitizers and delivery systems for photodynamic cancer therapy. , 2022, 135, 212725.		36
820	Oxygen-generating materials and their biomedical applications: a review. Journal of Materials Science, 2022, 57, 9077-9103.	1.7	6
821	Construction of a Prognostic Model for Hypoxia-Related LncRNAs and Prediction of the Immune Landscape in the Digestive System Pan-Cancer. Frontiers in Oncology, 2022, 12, 812786.	1.3	2
822	Pan-Cancer Analyses Reveal Oncogenic and Immunological Role of PLOD2. Frontiers in Genetics, 2022, 13, 864655.	1.1	6
823	Fluorogenic and Mitochondria-Localizable Probe Enables Selective Labeling and Imaging of Nitroreductase. Analytical Chemistry, 2022, 94, 7272-7277.	3.2	19
824	Aberrant ARMCX1 Expression Is an Independent Predictor of Poor Prognosis in Gastric Cancer. Journal of Oncology, 2022, 2022, 1-12.	0.6	4
825	Dual-responsive nanosystem based on TGF- β 2 blockade and immunogenic chemotherapy for effective chemoimmunotherapy. Drug Delivery, 2022, 29, 1358-1369.	2.5	9
826	Deep learning identification of stiffness markers in breast cancer. Biomaterials, 2022, 285, 121540.	5.7	8
827	Modelling liver cancer microenvironment using a novel 3D culture system. Scientific Reports, 2022, 12, 8003.	1.6	24
828	A novel hypoxia-driven gene signature that can predict the prognosis of hepatocellular carcinoma. Bioengineered, 2022, 13, 12193-12210.	1.4	6
829	The risk of increasing tumor malignancy after PET diagnosis. Current Issues in Pharmacy and Medical Sciences, 2022, .	0.1	0
830	FSCN1 acts as a promising therapeutic target in the blockade of tumor cell motility: a review of its function, mechanism, and clinical significance. Journal of Cancer, 2022, 13, 2528-2539.	1.2	10
831	An NIR- Φ Photothermally Triggered "Oxygen Bomb" for Hypoxic Tumor Programmed Cascade Therapy. Advanced Materials, 2022, 34, .	11.1	48
832	A mitochondria-localized oxygen self-sufficient two-photon nano-photosensitizer for ferroptosis-boosted photodynamic therapy under hypoxia. Nano Today, 2022, 44, 101509.	6.2	33
833	Photoactivated metal complexes for drug delivery. , 2022, , .		0
834	Exploration of Different Hypoxia Patterns and Construction of a Hypoxia-Related Gene Prognostic Index in Colorectal Cancer. Frontiers in Immunology, 2022, 13, .	2.2	2
835	HIF-1/2 β -Activated RNF146 Enhances the Proliferation and Glycolysis of Hepatocellular Carcinoma Cells via the PTEN/AKT/mTOR Pathway. Frontiers in Cell and Developmental Biology, 2022, 10, .	1.8	5
836	Evaluation of miRNA Expression in Glioblastoma Stem-Like Cells: A Comparison between Normoxia and Hypoxia Microenvironment. Onco, 2022, 2, 113-128.	0.2	2

#	ARTICLE	IF	CITATIONS
838	PLOD2 Is a Prognostic Marker in Glioblastoma That Modulates the Immune Microenvironment and Tumor Progression. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6037.	1.8	6
839	COL8A1 facilitates the growth of triple-negative breast cancer via FAK/Src activation. <i>Breast Cancer Research and Treatment</i> , 2022, 194, 243-256.	1.1	8
840	How Placenta Promotes the Successful Reproduction in High-Altitude Populations: A Transcriptome Comparison between Adaptation and Acclimatization. <i>Molecular Biology and Evolution</i> , 2022, 39, .	3.5	8
841	Hypoxia-inducible factors: cancer progression and clinical translation. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	148
843	Cytofluorometric assessment of acute cell death responses driven by radiation therapy. <i>Methods in Cell Biology</i> , 2022, , .	0.5	0
845	Bioengineered nanogels for cancer immunotherapy. <i>Chemical Society Reviews</i> , 2022, 51, 5136-5174.	18.7	81
846	3D Culture Modeling of Metastatic Breast Cancer Cells in Additive Manufactured Scaffolds. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 28389-28402.	4.0	8
847	Clinical relevance of receptor conversion in metastatic breast cancer. <i>Medicine (United States)</i> , 2022, 101, e29136.	0.4	3
848	Development and Validation of a Hypoxia - Related Prognostic Model for Ovarian Cancer. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2022, 17, .	0.8	0
849	VEGF Overexpression Significantly Increases Nanoparticle-Mediated siRNA Delivery and Target-Gene Downregulation. <i>Pharmaceutics</i> , 2022, 14, 1260.	2.0	3
850	AGE/RAGE axis regulates reversible transition to quiescent states of ALK-rearranged NSCLC and pancreatic cancer cells in monolayer cultures. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
851	The overall process of metastasis: From initiation to a new tumor. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2022, 1877, 188750.	3.3	8
852	Triboelectric current stimulation alleviates in vitro cell migration and in vivo tumor metastasis. <i>Nano Energy</i> , 2022, 100, 107471.	8.2	10
853	Tumor microenvironment-activated single-atom platinum nanozyme with H ₂ O ₂ self-supplement and O ₂ -evolving for tumor-specific cascade catalysis chemodynamic and chemoradiotherapy. <i>Theranostics</i> , 2022, 12, 5155-5171.	4.6	33
854	Fluid Shear Stress Facilitates Prostate Cancer Metastasis Through Piezo1-Src-YAP Axis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
855	Breast Cancer Subtypes Based on Hypoxia-Related Gene Sets Identify Potential Therapeutic Agents. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	1
856	The Extracellular Matrix Stiffening: A Trigger of Prostate Cancer Progression and Castration Resistance?. <i>Cancers</i> , 2022, 14, 2887.	1.7	13
857	Mir-326 potentiates radiosensitivity of cervical squamous cell carcinoma through downregulating SMO expression in the Hedgehog signaling pathway. <i>Genes and Genomics</i> , 2022, 44, 981-991.	0.5	0

#	ARTICLE	IF	CITATIONS
858	Crosstalk among m6A RNA methylation, hypoxia and metabolic reprogramming in TME: from immunosuppressive microenvironment to clinical application. <i>Journal of Hematology and Oncology</i> , 2022, 15, .	6.9	31
859	High Prolyl 4-Hydroxylase Subunit Alpha 3 Expression as an Independent Prognostic Biomarker and Correlated With Immune Infiltration in Gastric Cancer. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	0
860	Histone deacetylase 3 promotes alveolar epithelialâ€mesenchymal transition and fibroblast migration under hypoxic conditions. <i>Experimental and Molecular Medicine</i> , 2022, 54, 922-931.	3.2	9
861	A Porous Bimetallic Au@Pt Coreâ€Shell Oxygen Generator to Enhance Hypoxia-Dampened Tumor Chemotherapy Synergized with NIR-II Photothermal Therapy. <i>ACS Nano</i> , 2022, 16, 10711-10728.	7.3	31
862	Extracellular Vesicles-ceRNAs as Ovarian Cancer Biomarkers: Looking into circRNA-miRNA-mRNA Code. <i>Cancers</i> , 2022, 14, 3404.	1.7	12
863	The Relationship Between the Tumor Cell Expression of Hypoxic Markers and Survival in Patients With ER-positive Invasive Ductal Breast Cancer. <i>Journal of Histochemistry and Cytochemistry</i> , 2022, 70, 479-494.	1.3	4
864	Recent Advances on the Role of ATGL in Cancer. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	7
865	Hyaluronic microparticle-based biomimetic artificial neighbors of cells for three-dimensional cell culture. <i>Carbohydrate Polymers</i> , 2022, 294, 119770.	5.1	1
866	Cancer Biology and Implications for the Perioperative Period. , 2023, , 24-45.		1
867	Hypoxia-mediated stabilization of HIF1A in prostatic intraepithelial neoplasia promotes cell plasticity and malignant progression. <i>Science Advances</i> , 2022, 8, .	4.7	18
868	Ameloblastoma modifies tumor microenvironment for enhancing invasiveness by altering collagen alignment. <i>Histochemistry and Cell Biology</i> , 2022, 158, 595-602.	0.8	1
869	High-Resolution Secretome Analysis of Chemical Hypoxia Treated Cells Identifies Putative Biomarkers of Chondrosarcoma. <i>Proteomes</i> , 2022, 10, 25.	1.7	4
870	Emerging roles of extracellular vesicle-associated non-coding RNAs in hypoxia: Insights from cancer, myocardial infarction and ischemic stroke. <i>Theranostics</i> , 2022, 12, 5776-5802.	4.6	22
871	Hypoxia-regulated microRNAs: the molecular drivers of tumor progression. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2022, 57, 351-376.	2.3	5
872	Hierarchical Composite Nanoarchitectonics with a Graphitic Core, Dendrimer and Fluorocarbon Domains, and a Poly(ethylene glycol) Shell as O ₂ Reservoirs for Reactive Oxygen Species Production. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 35027-35039.	4.0	5
874	Hypoxia: molecular pathophysiological mechanisms in human diseases. <i>Journal of Physiology and Biochemistry</i> , 2022, 78, 739-752.	1.3	15
875	Roles of mitochondrial genetics in cancer metastasis. <i>Trends in Cancer</i> , 2022, 8, 1002-1018.	3.8	2
876	Tumor-polarized GPX3 ⁺ AT2 lung epithelial cells promote premetastatic niche formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	7

#	ARTICLE	IF	CITATIONS
877	Construction of a hypoxia-derived gene model to predict the prognosis and therapeutic response of head and neck squamous cell carcinoma. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
878	Correlation of Matrisome-Associated Gene Expressions with LOX Family Members in Astrocytomas Stratified by IDH Mutation Status. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9507.	1.8	1
879	Hypoxia-induced lncRNA STEAP3-AS1 activates Wnt/ β -catenin signaling to promote colorectal cancer progression by preventing m6A-mediated degradation of STEAP3 mRNA. <i>Molecular Cancer</i> , 2022, 21, .	7.9	41
880	An analysis of the significance of the Tre2/Bub2/CDC 16 (TBC) domain protein family 8 in colorectal cancer. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
881	Transcriptomic Profiling Analysis of Castration-Resistant Prostate Cancer Cell Lines Treated with Chronic Intermittent Hypoxia. <i>Cancers</i> , 2022, 14, 3959.	1.7	0
882	Validation of photoacoustic/ultrasound dual imaging in evaluating blood oxygen saturation. <i>Biomedical Optics Express</i> , 2022, 13, 5551.	1.5	4
883	Conditional Deletion of HIF-2 α in Mouse Nucleus Pulposus Reduces Fibrosis and Provides Mild and Transient Protection From Age-Dependent Structural Changes in Intervertebral Disc. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 2512-2530.	3.1	8
884	Genome of <i>Laudakia sacra</i> Provides New Insights into High-Altitude Adaptation of Ectotherms. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10081.	1.8	4
885	Construction and verification of a hypoxia-related nine-gene prognostic model in uveal melanoma based on integrated single-cell and bulk RNA sequencing analyses. <i>Experimental Eye Research</i> , 2022, 223, 109214.	1.2	5
886	Research progress on tumor hypoxia-associative nanomedicine. <i>Journal of Controlled Release</i> , 2022, 350, 829-840.	4.8	28
887	Peroxide mediated oxygen delivery in cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 219, 112832.	2.5	6
888	Fluid shear stress facilitates prostate cancer metastasis through Piezo1-Src-YAP axis. <i>Life Sciences</i> , 2022, 308, 120936.	2.0	17
889	Mechanobiology of solid tumors. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166555.	1.8	11
890	The Immunohistochemical Landscape of the Hypoxia-Related Proteins in Oral Squamous Cell Carcinoma. , 2022, , .		0
891	Radiation therapy: An old dog learning new tricks. <i>Methods in Cell Biology</i> , 2022, , xiii-xxiii.	0.5	0
892	Targeting tumor microenvironment for breast cancer treatment. , 2022, , 249-277.		2
893	Enhanced Intracellular Transcytosis of Nanoparticles by Degrading Extracellular Matrix for Deep Tissue Radiotherapy of Pancreatic Adenocarcinoma. <i>Nano Letters</i> , 2022, 22, 6877-6887.	4.5	15
894	Mitochondrial Protein Cox7b Is a Metabolic Sensor Driving Brain-Specific Metastasis of Human Breast Cancer Cells. <i>Cancers</i> , 2022, 14, 4371.	1.7	5

#	ARTICLE	IF	CITATIONS
895	On the Relevance of Soft Tissue Sarcomas Metabolic Landscape Mapping. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11430.	1.8	1
896	Prognostic Modeling of Lung Adenocarcinoma Based on Hypoxia and Ferroptosis-Related Genes. <i>Journal of Oncology</i> , 2022, 2022, 1-25.	0.6	3
897	Hemin-incorporating DNA nanozyme enabling catalytic oxygenation and GSH depletion for enhanced photodynamic therapy and synergistic tumor ferroptosis. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	4.2	15
898	Role of extracellular matrix architecture and signaling in melanoma therapeutic resistance. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	5
900	Tumor extracellular matrix-targeted nanoscavengers reverse suppressive microenvironment for cocktail therapy. <i>Materials Today</i> , 2022, 61, 78-90.	8.3	6
901	Multi-compartment tumor organoids. <i>Materials Today</i> , 2022, 61, 104-116.	8.3	5
902	Functionalized Ultrasmall Iron Oxide Nanoparticles for T1-Weighted Magnetic Resonance Imaging of Tumor Hypoxia. <i>Molecules</i> , 2022, 27, 6929.	1.7	5
903	Boosting Doxorubicin-Induced Mitochondria Apoptosis for the Monodrug-Mediated Combination of Chemotherapy and Chemodynamic Therapy. <i>Advanced Healthcare Materials</i> , 2023, 12, .	3.9	17
904	Hypoxic regulation of ADAMTS-2 and -3 (a disintegrin and matrix metalloproteinase with) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 427 Td (Cellular Biochemistry, 0, , .	1.4	0
905	Nanoscale CaO ₂ materials for synergistic transarterial chemoembolization in a VX2 orthotopic rabbit liver cancer model. <i>Acta Biomaterialia</i> , 2022, 154, 536-548.	4.1	12
906	Tantalum-carbon-integrated nanozymes as a nano-radiosensitizer for radiotherapy enhancement. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	1
907	Portal vein tumor thrombosis in hepatocellular carcinoma: molecular mechanism and therapy. <i>Clinical and Experimental Metastasis</i> , 2023, 40, 5-32.	1.7	5
908	Wound Healing versus Metastasis: Role of Oxidative Stress. <i>Biomedicines</i> , 2022, 10, 2784.	1.4	4
909	Redox regulation and its emerging roles in cancer treatment. <i>Coordination Chemistry Reviews</i> , 2023, 475, 214897.	9.5	19
910	Aqua-(2-formylbenzoato)triphenyltin(IV) induces cell cycle arrest and apoptosis in hypoxic triple negative breast cancer cells. <i>Toxicology in Vitro</i> , 2023, 86, 105484.	1.1	2
911	Role of the Extracellular Matrix in Tumor Stroma: Barrier or Support?. , 2022, , 63-89.		0
912	Redox balance and autophagy regulation in cancer progression and their therapeutic perspective. , 2023, 40, .		12
913	Pancreatic tumor microenvironmental acidosis and hypoxia transform gold nanorods into cell-penetrant particles for potent radiosensitization. <i>Science Advances</i> , 2022, 8, .	4.7	6

#	ARTICLE	IF	CITATIONS
914	Chapter 2. Introduction to the Tumor Microenvironment. Biomaterials Science Series, 2022, , 11-29.	0.1	0
915	The Study of the Extracellular Matrix in Chronic Inflammation: A Way to Prevent Cancer Initiation?. Cancers, 2022, 14, 5903.	1.7	3
916	Prognostic value of epithelialâ€mesenchymal transition circulating tumor cells in female breast cancer: A meta-analysis. Frontiers in Oncology, 0, 12, .	1.3	1
917	Identification of glycolysis genes signature for predicting prognosis in malignant pleural mesothelioma by bioinformatics and machine learning. Frontiers in Endocrinology, 0, 13, .	1.5	3
918	Semiconducting Polymer Nanoparticles in the Second Nearâ€Infrared Region for Biomedical Imaging and Therapy. Advanced Optical Materials, 2023, 11, .	3.6	8
919	Recent Advances of Organ-on-a-Chip in Cancer Modeling Research. Biosensors, 2022, 12, 1045.	2.3	14
921	Construction of a Combined Hypoxia-related Genes Model for Hepatocellular Carcinoma Prognosis. Current Computer-Aided Drug Design, 2023, 19, 150-161.	0.8	2
922	Hypoxia: A Potent Regulator of Angiogenesis Through Extracellular Matrix Remodelling. Biology of Extracellular Matrix, 2023, , 205-227.	0.3	0
923	Biomimetic Active Materials Guided Immunogenic Cell Death for Enhanced Cancer Immunotherapy. Small Methods, 2023, 7, .	4.6	9
924	Immunomodulatory role of metalloproteases in cancers: Current progress and future trends. Frontiers in Immunology, 0, 13, .	2.2	8
925	Design of Nanoparticles in Cancer Therapy Based on Tumor Microenvironment Properties. Pharmaceutics, 2022, 14, 2708.	2.0	1
926	Comprehensive analysis of hypoxia-related genes for prognosis, immune features, and drugs treatment strategy in gastric cancer using bulk and single-cell RNA-sequencing. Scientific Reports, 2022, 12, .	1.6	0
927	Epithelialâ€Mesenchymal Transition Induced in Cancer Cells by Adhesion to Type I Collagen. International Journal of Molecular Sciences, 2023, 24, 198.	1.8	2
928	The rise of viperin: the emerging role of viperin in cancer progression. Journal of Clinical Investigation, 2022, 132, .	3.9	3
929	Computed tomographic findings may be useful for differentiating small intestinal adenocarcinomas, lymphomas, and spindle cell sarcomas in dogs. Veterinary Radiology and Ultrasound, 2023, 64, 233-242.	0.4	1
930	Dynamic Magneto-Softening of 3D Hydrogel Reverses Malignant Transformation of Cancer Cells and Enhances Drug Efficacy. ACS Nano, 2023, 17, 2851-2867.	7.3	16
931	Immune evasion in esophageal squamous cell cancer: From the perspective of tumor microenvironment. Frontiers in Oncology, 0, 12, .	1.3	6
932	MIF promotes cell invasion by the LRP1-uPAR interaction in pancreatic cancer cells. Frontiers in Oncology, 0, 12, .	1.3	1

#	ARTICLE	IF	CITATIONS
933	The Tumor Microenvironment in Tumorigenesis and Therapy Resistance Revisited. <i>Cancers</i> , 2023, 15, 376.	1.7	46
934	Introduction to Tumor Microenvironment. , 2023, , 1-13.		0
935	Identification of ubiquitination-related gene classification and a novel ubiquitination-related gene signature for patients with triple-negative breast cancer. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	1
938	Tumor hypoxia: From basic knowledge to therapeutic implications. <i>Seminars in Cancer Biology</i> , 2023, 88, 172-186.	4.3	21
939	Renal clear cell carcinoma-derived CXCL5 drives tumor-associated fibroblast formation and facilitates cancer progression. <i>Pathology Research and Practice</i> , 2023, 244, 154319.	1.0	2
940	Poison cassette exon splicing of <i>SRSF6</i> regulates nuclear speckle dispersal and the response to hypoxia. <i>Nucleic Acids Research</i> , 2023, 51, 870-890.	6.5	14
941	A pan-cancer analysis of the oncogenic role of procollagen C-endopeptidase enhancer (PCOLCE) in human. <i>Medicine (United States)</i> , 2022, 101, e32444.	0.4	3
942	Newly developed gas-assisted sonodynamic therapy in cancer treatment. <i>Acta Pharmaceutica Sinica B</i> , 2023, 13, 2926-2954.	5.7	6
943	Relationship between Tumor Infiltrating Immune Cells and Tumor Metastasis and Its Prognostic Value in Cancer. <i>Cells</i> , 2023, 12, 64.	1.8	7
944	Mitochondria-Targeting and Multiresponsive Nanoplatfrom Based on AIEgens for Synergistic Chemo-Photodynamic Therapy and Enhanced Immunotherapy. <i>Biomacromolecules</i> , 2023, 24, 977-990.	2.6	3
945	Ochratoxin A induces endoplasmic reticulum stress and fibrosis in the kidney via the HIF-1 α /miR-155-5p link. <i>Toxicology Reports</i> , 2023, 10, 133-145.	1.6	5
946	Correlation between the Warburg effect and progression of triple-negative breast cancer. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	5
947	Tumor-associated macrophages in prostate cancer: role in progression and therapy. , 2023, , 153-180.		0
948	â€˜Two-facesâ€™ of hyaluronan, a dynamic barometer of disease progression in tumor microenvironment. <i>Discover Oncology</i> , 2023, 14, .	0.8	5
949	Application of a Dual-Probe Coloading Nanodetection System in the Process Monitoring and Efficacy Assessment of Photodynamic Therapy: An <i>In Vitro</i> Study. <i>ACS Biomaterials Science and Engineering</i> , 2023, 9, 1089-1103.	2.6	1
950	High expression of TMEM200A is associated with a poor prognosis and immune infiltration in gastric cancer. <i>Pathology and Oncology Research</i> , 0, 29, .	0.9	3
951	Radiation therapy: An old dog learning new tricks. <i>Methods in Cell Biology</i> , 2023, , xv-xxv.	0.5	0
952	COL11A1-driven positive feedback loop modulates fibroblast transformation and activates pancreatic cancer progression. <i>Cell Biology International</i> , 2023, 47, 1081-1091.	1.4	1

#	ARTICLE	IF	CITATIONS
953	Construction and validation of a hypoxia-related risk signature identified EXO1 as a prognostic biomarker based on 12 genes in lung adenocarcinoma. <i>Aging</i> , 2023, 15, 2293-2307.	1.4	0
954	HIF-1 α -activated TMEM237 promotes hepatocellular carcinoma progression via the NPHP1/Pyk2/ERK pathway. <i>Cellular and Molecular Life Sciences</i> , 2023, 80, .	2.4	3
955	Tumor microenvironment-triggered intratumoral in-situ biosynthesis of inorganic nanomaterials for precise tumor diagnostics. <i>Coordination Chemistry Reviews</i> , 2023, 484, 215115.	9.5	13
956	Impact of hydrogel biophysical properties on tumor spheroid growth and drug response. , 2023, 149, 213421.		2
957	Role of NAT10-mediated ac4C-modified HSP90AA1 RNA acetylation in ER stress-mediated metastasis and lenvatinib resistance in hepatocellular carcinoma. <i>Cell Death Discovery</i> , 2023, 9, .	2.0	14
958	The role of hypoxia on prostate cancer progression and metastasis. <i>Molecular Biology Reports</i> , 2023, 50, 3873-3884.	1.0	7
959	A Peptide- α -Conjugated Probe with Cleavage-Induced Morphological Change for Treatment on Tumor Cell Membrane. <i>Advanced Science</i> , 2023, 10, .	5.6	9
960	Hypoxic microenvironment in cancer: molecular mechanisms and therapeutic interventions. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	81
961	New insights into fibrotic signaling in renal cell carcinoma. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	1
963	Interplay Between Extracellular Matrix Remodeling and Angiogenesis in Tumor Ecosystem. <i>Molecular Cancer Therapeutics</i> , 2023, 22, 291-305.	1.9	4
964	Cartilage Lacuna-Inspired Microcarriers Drive Hyaline Neocartilage Regeneration. <i>Advanced Materials</i> , 2023, 35, .	11.1	8
965	Microdissecting the Hypoxia Landscape in Colon Cancer Reveals Three Distinct Subtypes and Their Potential Mechanism to Facilitate the Development of Cancer. <i>Journal of Oncology</i> , 2023, 2023, 1-21.	0.6	0
966	Extracellular vesicles as a new horizon in the diagnosis and treatment of inflammatory eye diseases: A narrative review of the literature. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	0
967	Stress-Inducible SCAND Factors Suppress the Stress Response and Are Biomarkers for Enhanced Prognosis in Cancers. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5168.	1.8	3
968	Nanotechnological strategies to increase the oxygen content of the tumor. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	3
969	Hypoxia Potentiates the Inflammatory Fibroblast Phenotype Promoted by Pancreatic Cancer Cell-Derived Cytokines. <i>Cancer Research</i> , 2023, 83, 1596-1610.	0.4	16
970	cRGD-modified nanoparticles of multi-bioactive agent conjugate with pH-sensitive linkers and PD-L1 antagonist for integrative collaborative treatment of breast cancer. <i>Nanoscale Horizons</i> , 2023, 8, 870-886.	4.1	3
971	Development and validation of a combined hypoxia and ferroptosis prognostic signature for breast cancer. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	1

#	ARTICLE	IF	CITATIONS
972	HMGA1 induces FGF19 to drive pancreatic carcinogenesis and stroma formation. <i>Journal of Clinical Investigation</i> , 2023, 133, .	3.9	9
973	A key driver to promote HCC: Cellular crosstalk in tumor microenvironment. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	4
974	Nanotechnology-integrated ovarian cancer metastasis therapy: Insights from the metastatic mechanisms into administration routes and therapy strategies. <i>International Journal of Pharmaceutics</i> , 2023, 636, 122827.	2.6	3
975	Biologicals and small molecules as target-specific cancer chemotherapeutic agents. , 2023, , 615-646.		0
976	A Metalâ€Polyphenolâ€Based Oxygen Economizer and Fenton Reaction Amplifier for Selfâ€Enhanced Synergistic Photothermal/Chemodynamic/Chemotherapy. <i>Advanced Healthcare Materials</i> , 2023, 12, .	3.9	9
977	HIF-1 signaling: Essential roles in tumorigenesis and implications in targeted therapies. <i>Genes and Diseases</i> , 2024, 11, 234-251.	1.5	8
978	Silencing of long noncoding RNA MIAT inhibits the viability and proliferation of breast cancer cells by promoting miR-378a-5p expression. <i>Open Medicine (Poland)</i> , 2023, 18, .	0.6	0
979	Novel hypoxia-related gene signature for predicting prognoses that correlate with the tumor immune microenvironment in NSCLC. <i>Frontiers in Genetics</i> , 0, 14, .	1.1	0
980	A Comprehensive Pan-Cancer Analysis of the Regulation and Prognostic Effect of Coat Complex Subunit Zeta 1. <i>Genes</i> , 2023, 14, 889.	1.0	1
981	Microfluidics and Cancer Treatment: Emerging Concept of Biomedical Engineering. <i>Biological and Medical Physics Series</i> , 2023, , 523-562.	0.3	0
982	SHMT2 Promotes Gastric Cancer Development through Regulation of HIF1/VEGF/STAT3 Signaling. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7150.	1.8	3
983	Activatable Photodynamic Photosensitizers for Cancer Treatment. , 2023, , 345-377.		0
984	Tumor-associated fibrosis impairs the response to immunotherapy. <i>Matrix Biology</i> , 2023, 119, 125-140.	1.5	4
985	CD8+T cell infiltration is associated with improved survival and negatively correlates with hypoxia in clear cell ovarian cancer. <i>Scientific Reports</i> , 2023, 13, .	1.6	1
986	Heterogeneity and function of cancer-associated fibroblasts in renal cell carcinoma. <i>Journal of the National Cancer Center</i> , 2023, 3, 100-105.	3.0	1
988	Advanced Nitric Oxide Generating Nanomedicine for Therapeutic Applications. <i>ACS Nano</i> , 2023, 17, 8935-8965.	7.3	33
993	The Role of Intra-Tumor Hypoxia in Cancer Cells Immune Escape Mechanism. , 2022, , 1-50.		0
996	Epigenetic changes and the dynamic heterogeneity of the metastatic phenotype â€ challenges ahead. <i>Cancer and Metastasis Reviews</i> , 0, , .	2.7	0

#	ARTICLE	IF	CITATIONS
1000	New Developments in Nano-theranostics Combined with Intelligent Bio-responsive Systems. , 2023, , 347-365.		0
1011	A review on reactive oxygen species (ROS)-inducing nanoparticles activated by uni- or multi-modal dynamic treatment for oncotherapy. Nanoscale, 2023, 15, 11813-11833.	2.8	6
1013	Travelling under pressure - hypoxia and shear stress in the metastatic journey. Clinical and Experimental Metastasis, 2023, 40, 375-394.	1.7	3
1020	Modelling HIF-PHD Dynamics and Related Downstream Pathways. SEMA SIMAI Springer Series, 2023, , 95-130.	0.4	0
1024	Critical functions of extracellular matrix in brain metastasis seeding. Cellular and Molecular Life Sciences, 2023, 80, .	2.4	0
1030	Redox signaling-mediated tumor extracellular matrix remodeling: pleiotropic regulatory mechanisms. Cellular Oncology (Dordrecht), 0, , .	2.1	1
1045	Hypoxia-improving strategy based on human-derived hemoglobin-based oxygen carriers for breast cancer monitored in vivo by functional photoacoustic mesoscopy. , 2023, , .		0
1048	Radiation therapy: An old dog learning new tricks. Methods in Cell Biology, 2023, , xv-xxv.	0.5	0
1049	Alleviating hypoxia to improve cancer immunotherapy. Oncogene, 2023, 42, 3591-3604.	2.6	4
1060	Intricate Relationship Between Radiation-Induced Trismus and Inflammation. , 2023, , .		0
1067	Behavior of breast cancer cells under oxygen concentration gradients in a microfluidic device. , 2023, , .		0
1081	Adhesion, metastasis, and inhibition of cancer cells: a comprehensive review. Molecular Biology Reports, 2024, 51, .	1.0	0
1082	The Impact of Oxygen Concentration on Interactions between Breast Cancer Cells and the Vascular Network. , 2023, , .		0