In vitro scratch assay: a convenient and inexpensive me in vitro

Nature Protocols 2, 329-333

DOI: 10.1038/nprot.2007.30

Citation Report

#	Article	IF	CITATIONS
2	SHIP2 phosphoinositol phosphatase positively regulates EGFR-Akt pathway, CXCR4 expression, and cell migration in MDA-MB-231 breast cancer cells. International Journal of Oncology, 1992, 34, 97.	1.4	19
3	Collective cell migration patterns: Follow the leader. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15970-15971.	3.3	59
4	Antiâ€heparanase monoclonal antibody enhances heparanase enzymatic activity and facilitates wound healing. FASEB Journal, 2007, 21, 3986-3993.	0.2	19
5	Increases in c-Yes Expression Level and Activity Promote Motility But Not Proliferation of Human Colorectal Carcinoma Cells. Neoplasia, 2007, 9, 745-IN32.	2.3	35
6	Evaluation of new migrastatin and dorrigocin congeners unveils cell migration inhibitors with dramatically improved potency. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5951-5954.	1.0	28
7	Identification of genes that regulate epithelial cell migration using an siRNA screening approach. Nature Cell Biology, 2008, 10, 1027-1038.	4.6	364
8	Emodin upregulates urokinase plasminogen activator, plasminogen activator inhibitor-1 and promotes wound healing in human fibroblasts. Vascular Pharmacology, 2008, 48, 184-190.	1.0	18
9	A novel circular invasion assay mimics in vivo invasive behavior of cancer cell lines and distinguishes single-cell motility in vitro. BMC Cancer, 2008, 8, 198.	1.1	80
10	Regulation of Cell Adhesion and Collective Cell Migration by Hindsight and Its Human Homolog RREB1. Current Biology, 2008, 18, 532-537.	1.8	91
11	uPA dependent and independent mechanisms of wound healing by Câ€phycocyanin. Journal of Cellular and Molecular Medicine, 2008, 12, 2691-2703.	1.6	43
12	An automatic and quantitative on-chip cell migration assay using self-assembled monolayers combined with real-time cellular impedance sensing. Lab on A Chip, 2008, 8, 872.	3.1	75
13	EGFR and ErbB2 are functionally coupled to CD44 and regulate shedding, internalization and motogenic effect of CD44. Cancer Letters, 2008, 263, 231-242.	3.2	35
14	Angiogenesis: An Improved <i>In Vitro</i> Biological System and Automated Image-Based Workflow to Aid Identification and Characterization of Angiogenesis and Angiogenic Modulators. Assay and Drug Development Technologies, 2008, 6, 693-710.	0.6	20
15	Benzofuran-Derived Cyclic \hat{l}^2 -Amino Acid Scaffold for Building a Diverse Set of Flavonoid-Like Probes and the Discovery of a Cell Motility Inhibitor. Organic Letters, 2008, 10, 1143-1146.	2.4	21
16	MicroRNA 21 Promotes Glioma Invasion by Targeting Matrix Metalloproteinase Regulators. Molecular and Cellular Biology, 2008, 28, 5369-5380.	1.1	828
17	PIASy Represses CCAAT/Enhancer-binding Protein δ (C/EBPδ) Transcriptional Activity by Sequestering C/EBPδ to the Nuclear Periphery. Journal of Biological Chemistry, 2008, 283, 20137-20148.	1.6	32
18	PIK3IP1, a Negative Regulator of PI3K, Suppresses the Development of Hepatocellular Carcinoma. Cancer Research, 2008, 68, 5591-5598.	0.4	98
19	Control of endothelial cell proliferation and migration by VEGF signaling to histone deacetylase 7. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7738-7743.	3.3	208

#	ARTICLE	IF	CITATIONS
20	Antimetastatic Effect of a Small-Molecule Vacuolar H ⁺ -ATPase Inhibitor in in Vitro and in Vivo Preclinical Studies. Journal of Pharmacology and Experimental Therapeutics, 2008, 324, 15-22.	1.3	30
21	Engineered Cardiac Organoid Chambers: Toward a Functional Biological Model Ventricle. Tissue Engineering - Part A, 2008, 14, 215-225.	1.6	76
22	In Vitro and In Vivo Assays to Analyze the Contribution of Rho Kinase in Angiogenesis. Methods in Enzymology, 2008, 439, 395-412.	0.4	6
23	TScratch: a novel and simple software tool for automated analysis of monolayer wound healing assays. BioTechniques, 2009, 46, 265-274.	0.8	532
24	Expression of Adrenomedullin 2 (ADM2)/Intermedin (IMD) in Human Placenta: Role in Trophoblast Invasion and Migration 1. Biology of Reproduction, 2009, 81, 777-783.	1.2	36
25	Role of Focal Adhesion Kinase Ser-732 Phosphorylation in Centrosome Function during Mitosis. Journal of Biological Chemistry, 2009, 284, 9418-9425.	1.6	45
26	ADAMTS-7 Mediates Vascular Smooth Muscle Cell Migration and Neointima Formation in Balloon-Injured Rat Arteries. Circulation Research, 2009, 104, 688-698.	2.0	189
27	Skeletal dysplasias due to filamin A mutations result from a gain-of-function mechanism distinct from allelic neurological disordersâ€. Human Molecular Genetics, 2009, 18, 4791-4800.	1.4	63
28	Inhibition of Rho-Associated Kinase Signaling Prevents Breast Cancer Metastasis to Human Bone. Cancer Research, 2009, 69, 8742-8751.	0.4	235
29	Bradykinin Protects Against Oxidative Stress–Induced Endothelial Cell Senescence. Hypertension, 2009, 53, 417-422.	1.3	80
30	Curcumin Facilitates Fibrinolysis and Cellular Migration during Wound Healing by Modulating Urokinase Plasminogen Activator Expression. Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research, 2009, 37, 59-66.	0.5	33
31	Osteopontin Induces Airway Remodeling and Lung Fibroblast Activation in a Murine Model of Asthma. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 290-296.	1.4	71
32	Uric acid attenuates trophoblast invasion and integration into endothelial cell monolayers. American Journal of Physiology - Cell Physiology, 2009, 297, C440-C450.	2.1	60
33	Phosphorus removal in laboratory-scale unvegetated vertical subsurface flow constructed wetland systems using alum sludge as main substrate. Water Science and Technology, 2009, 60, 483-489.	1.2	12
34	Metastatic behaviour of primary human tumours in a zebrafish xenotransplantation model. BMC Cancer, 2009, 9, 128.	1.1	209
35	A designed angiopoietin-2 variant, pentameric COMP-Ang2, strongly activates Tie2 receptor and stimulates angiogenesis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 772-780.	1.9	24
36	Gene expression profiling reveals new protective roles for vitamin C in human skin cells. Free Radical Biology and Medicine, 2009, 46, 78-87.	1.3	101
37	Glycogen synthase kinase-3 regulates microglial migration, inflammation, and inflammation-induced neurotoxicity. Cellular Signalling, 2009, 21, 264-273.	1.7	197

#	ARTICLE	IF	CITATIONS
38	The glycoprotein fibulinâ€3 regulates morphology and motility of olfactory ensheathing cells <i>ii vitro</i> ii Clia, 2009, 57, 424-443.	2.5	44
39	Fluorescenceâ€based quantitative scratch wound healing assay demonstrating the role of MAPKAPKâ€2/3 in fibroblast migration. Cytoskeleton, 2009, 66, 1041-1047.	4.4	55
40	Hypoxiaâ€induced expression of bradykinin typeâ€2 receptors in endothelial cells triggers NO production, cell migration, and angiogenesis. Journal of Cellular Physiology, 2009, 221, 359-366.	2.0	19
41	\hat{l}^2 -catenin and transforming growth factor \hat{l}^2 have distinct roles regulating fibroblast cell motility and the induction of collagen lattice contraction. BMC Cell Biology, 2009, 10, 38.	3.0	41
42	Involvement of Na ⁺ /Ca ²⁺ exchanger in migration and contraction of rat cultured tendon fibroblasts. Journal of Physiology, 2009, 587, 5345-5359.	1.3	27
43	Effects of nearâ€infrared laser exposure in a cellular model of wound healing. Photodermatology Photoimmunology and Photomedicine, 2009, 25, 75-80.	0.7	53
44	Mechanosensitivity of fibroblast cell shape and movement to anisotropic substratum topography gradients. Biomaterials, 2009, 30, 5433-5444.	5.7	323
45	Role of endothelial nitric oxide synthetase in arteriogenesis after stroke in mice. Neuroscience, 2009, 159, 744-750.	1.1	70
46	Determination of the wound healing effect of Calendula extracts using the scratch assay with 3T3 fibroblasts. Journal of Ethnopharmacology, 2009, 126, 463-467.	2.0	259
47	Transchromosomic cell model of Down syndrome shows aberrant migration, adhesion and proteome response to extracellular matrix. Proteome Science, 2009, 7, 31.	0.7	16
48	Enhanced Antitumorigenic Effects in Glioblastoma on Double Targeting of Pleiotrophin and Its Receptor ALK. Neoplasia, 2009, 11, 145-156.	2.3	55
49	Oxidative Stress Alters Syndecan-1 Distribution in Lungs with Pulmonary Fibrosis. Journal of Biological Chemistry, 2009, 284, 3537-3545.	1.6	117
50	LIMK1 and LIMK2 Are Important for Metastatic Behavior and Tumor Cell-Induced Angiogenesis of Pancreatic Cancer Cells. Zebrafish, 2009, 6, 433-439.	0.5	85
51	Endothelial Cell Culture of Intramuscular Venous Malformation and Its Invasive Behavior Related to Matrix Metalloproteinase-9. Plastic and Reconstructive Surgery, 2009, 123, 1419-1430.	0.7	15
52	Involvement of Interleukin-6 and Androgen Receptor Signaling in Pancreatic Cancer. Genes and Cancer, 2010, 1, 859-867.	0.6	50
53	Analysis of Matrix-Dependent Cell Migration with a Barrier Migration Assay. Science Signaling, 2010, 3, pl1.	1.6	21
54	Cellular mechanisms by which proinsulin C-peptide prevents insulin-induced neointima formation in human saphenous vein. Diabetologia, 2010, 53, 1761-1771.	2.9	59
55	Temporal alterations in cardiac fibroblast function following induction of pressure overload. Cell and Tissue Research, 2010, 340, 117-126.	1.5	42

#	ARTICLE	IF	Citations
56	A sensitive polymerase chain reaction-based method for detection and quantification of metastasis in human xenograft mouse models. Clinical and Experimental Metastasis, 2010, 27, 261-271.	1.7	25
57	Downregulation of urokinase-type plasminogen activator and plasminogen activator inhibitor-1 by grape seed proanthocyanidin extract. Phytomedicine, 2010, 17, 42-46.	2.3	11
58	Galectin-3: A novel substrate for c-Abl kinase. Biochimica Et Biophysica Acta - Molecular Cell Research, 2010, 1803, 1198-1205.	1.9	27
59	Knockdown of TSP50 inhibits cell proliferation and induces apoptosis in P19 cells. IUBMB Life, 2010, 62, 825-832.	1.5	33
60	The characterization and optimization of injectable silicone resin particles in conjunction with dermal fibroblasts and growth factors: An <i>in vitro</i> study. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2010, 93B, 227-235.	1.6	2
61	RECKâ€mediated inhibition of glioma migration and invasion. Journal of Cellular Biochemistry, 2010, 110, 52-61.	1.2	33
63	Characterization of a Ruthenium(III)/NAMIâ€A Adduct with Bovine Serum Albumin that Exhibits a High Antiâ€Metastatic Activity. Angewandte Chemie - International Edition, 2010, 49, 1661-1664.	7.2	111
64	Matrixâ€independent stimulation of human tubular epithelial cell migration by Rho kinase inhibitors. Journal of Cellular Physiology, 2010, 223, 703-712.	2.0	17
65	The effects of decorin and HGF-primed vocal fold fibroblasts in vitro and ex vivo in a porcine model of vocal fold scarring. Laryngoscope, 2010, 120, 2247-2257.	1.1	14
66	Differentiation of pre-osteoblast cells on poly(ethylene terephthalate) grafted with RGD and/or BMPs mimetic peptides. Biomaterials, 2010, 31, 8245-8253.	5.7	111
67	CCAAT/Enhancer Binding Protein-delta (C/EBP-delta) regulates cell growth, migration and differentiation. Cancer Cell International, 2010, 10, 48.	1.8	20
68	Identification and characterization of Dlc1 isoforms in the mouse and study of the biological function of a single gene trapped isoform. BMC Biology, 2010, 8, 17.	1.7	26
69	The disintegrin contortrostatin in combination with docetaxel is a potent inhibitor of prostate cancer in vitro and in vivo. Prostate, 2010, 70, 1359-1370.	1.2	21
70	Tollâ€like receptor 9 expression in breast and ovarian cancer is associated with poorly differentiated tumors. Cancer Science, 2010, 101, 1059-1066.	1.7	72
71	Huaier aqueous extract inhibits proliferation of breast cancer cells by inducing apoptosis. Cancer Science, 2010, 101, 2375-2383.	1.7	114
72	TrkB induces EMT and has a key role in invasion of head and neck squamous cell carcinoma. Oncogene, 2010, 29, 2047-2059.	2.6	173
73	The G-protein-coupled formylpeptide receptor FPR confers a more invasive phenotype on human glioblastoma cells. British Journal of Cancer, 2010, 102, 1052-1060.	2.9	60
74	Premature expression of KCC2 in embryonic mice perturbs neural development by an ion transportâ€independent mechanism. European Journal of Neuroscience, 2010, 31, 2142-2155.	1.2	64

#	Article	IF	CITATIONS
75	Stimulation of the Extracellular Matrix Production in Dermal Fibroblasts by Velvet Antler Extract. Annals of Dermatology, 2010, 22, 173.	0.3	17
76	Modulation of Factors Affecting Optic Nerve Head Astrocyte Migration. , 2010, 51, 4096.		26
77	Stimulation of Platelet-derived Growth Factor Receptor \hat{l}^2 (PDGFR \hat{l}^2) Activates ADAM17 and Promotes Metalloproteinase-dependent Cross-talk between the PDGFR \hat{l}^2 and Epidermal Growth Factor Receptor (EGFR) Signaling Pathways. Journal of Biological Chemistry, 2010, 285, 25024-25032.	1.6	45
78	S100A4 expression is increased in stricture fibroblasts from patients with fibrostenosing Crohn's disease and promotes intestinal fibroblast migration. American Journal of Physiology - Renal Physiology, 2010, 299, G457-G466.	1.6	36
79	Regulation of Integrin \hat{l}^21 Recycling to Lipid Rafts by Rab1a to Promote Cell Migration. Journal of Biological Chemistry, 2010, 285, 29398-29405.	1.6	90
80	Simulation of lung alveolar epithelial wound healing in vitro. Journal of the Royal Society Interface, 2010, 7, 1157-1170.	1.5	8
81	ENMD-1198, a New Analogue of 2-Methoxyestradiol, Displays Both Antiangiogenic and Vascular-Disrupting Properties. Molecular Cancer Therapeutics, 2010, 9, 1408-1418.	1.9	45
82	Experimental Models to Study Cell Wounding and Repair. Cellular Physiology and Biochemistry, 2010, 25, 071-080.	1.1	21
83	Inflammatory Effects of Ex Vivo Human Th17 Cells Are Suppressed by Regulatory T Cells. Journal of Immunology, 2010, 185, 3199-3208.	0.4	74
84	Anti-Tumor Necrosis Factor-Alpha–Loaded Microspheres as a Prospective Novel Treatment for Crohn's Disease Fistulae. Tissue Engineering - Part C: Methods, 2010, 16, 855-864.	1.1	20
85	A microfluidic wound-healing assay for quantifying endothelial cell migration. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H719-H725.	1.5	118
86	The Endothelin Axis Stimulates the Expression of Pro-Inflammatory Cytokines and Pro-Migratory Molecules in Breast Cancer. Cancer Investigation, 2010, 28, 932-943.	0.6	16
87	Progenitor cells and vascular function are impaired in patients with chronic kidney disease. Nephrology Dialysis Transplantation, 2010, 25, 1875-1882.	0.4	74
88	CXCL12/CXCR4 promotes motility and proliferation of glioma cells. Cancer Biology and Therapy, 2010, 9, 56-65.	1.5	64
89	Deciphering Mechanisms Controlling Placental Artery Endothelial Cell Migration Stimulated by Vascular Endothelial Growth Factor. Endocrinology, 2010, 151, 3432-3444.	1.4	27
90	A Novel Class of Compounds with Cutaneous Wound Healing Properties. Journal of Biomedical Nanotechnology, 2010, 6, 605-611.	0.5	46
91	Derivation of Endothelial Cells From Human Embryonic Stem Cells by Directed Differentiation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1389-1397.	1.1	147
92	Galectin-3 Increases Gastric Cancer Cell Motility by Up-regulating Fascin-1 Expression. Gastroenterology, 2010, 138, 1035-1045.e2.	0.6	122

#	ARTICLE	IF	CITATIONS
93	Herbal Compound Farnesiferol C Exerts Antiangiogenic and Antitumor Activity and Targets Multiple Aspects of VEGFR1 (Flt1) or VEGFR2 (Flk1) Signaling Cascades. Molecular Cancer Therapeutics, 2010, 9, 389-399.	1.9	57
94	Isolation, Structure, and Functional Elucidation of a Modified Pentapeptide, Cysteine Protease Inhibitor (CPI-2081) from <i>Streptomyces Species</i> 2081 that Exhibit Inhibitory Effect on Cancer Cell Migration. Journal of Medicinal Chemistry, 2010, 53, 5121-5128.	2.9	11
95	Evidence that tumor necrosis factor-related apoptosis inducing ligand (TRAIL) inhibits angiogenesis by inducing vascular endothelial cell apoptosis. Biochemical and Biophysical Research Communications, 2010, 391, 936-941.	1.0	29
96	Histidine-Rich Glycoprotein Modulates the Anti-Angiogenic Effects of Vasculostatin. American Journal of Pathology, 2010, 176, 2039-2050.	1.9	45
97	Resveratrol Regulates Pathologic Angiogenesis by a Eukaryotic Elongation Factor-2 Kinase-Regulated Pathway. American Journal of Pathology, 2010, 177, 481-492.	1.9	50
98	Loss of 15-Hydroxyprostaglandin Dehydrogenase Expression Contributes to Bladder Cancer Progression. American Journal of Pathology, 2010, 176, 1462-1468.	1.9	45
99	RECK Is Up-Regulated and Involved in Chondrocyte Cloning in Human Osteoarthritic Cartilage. American Journal of Pathology, 2010, 176, 2858-2867.	1.9	15
100	Acceleration of wound healing by growth hormone-releasing hormone and its agonists. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18611-18615.	3.3	67
101	MYEOV (myeloma overexpressed gene) drives colon cancer cell migration and is regulated by PGE2. Journal of Experimental and Clinical Cancer Research, 2010, 29, 81.	3.5	22
102	Bifunctional Conjugates Comprising β-Cyclodextrin, Polyethylenimine, and 5-Fluoro-2′- Deoxyuridine for Drug Delivery and Gene Transfer. Bioconjugate Chemistry, 2010, 21, 1855-1863.	1.8	38
103	Metastatic Phenotype Is Regulated by Estrogen in Thyroid Cells. Thyroid, 2010, 20, 33-41.	2.4	138
104	The extra domain AÂof fibronectin is essential for allergen-induced airway fibrosis and hyperresponsiveness in mice. Journal of Allergy and Clinical Immunology, 2011, 127, 439-446.e5.	1.5	27
105	Effects of E2F1–cyclin E1–E2 circuit down regulation in hepatocellular carcinoma cells. Digestive and Liver Disease, 2011, 43, 1006-1014.	0.4	42
106	A Method for Quick, Low-Cost Automated Confluency Measurements. Microscopy and Microanalysis, 2011, 17, 915-922.	0.2	32
107	Automatic cell tracking applied to analysis of cell migration in wound healing assay., 2011, 2011, 6174-9.		25
108	Studies on the inhibition of feline EGFR in squamous cell carcinoma: Enhancement of radiosensitivity and rescue of resistance to small molecule inhibitors. Cancer Biology and Therapy, 2011, 11, 927-937.	1.5	32
109	Using the Drosophila melanogaster D17-c3 cell culture system to study cell motility. Nature Protocols, 2011, 6, 1632-1641.	5.5	19
110	A Syngeneic Orthotopic Murine Model of Pancreatic Adenocarcinoma in the C57/BL6 Mouse Using the PancO2 and 6606PDA Cell Lines. European Surgical Research, 2011, 47, 98-107.	0.6	54

#	Article	IF	CITATIONS
111	Synthesis and Biological Evaluation of a Polyglutamic Acid–Dopamine Conjugate: A New Antiangiogenic Agent. Journal of Medicinal Chemistry, 2011, 54, 5255-5259.	2.9	12
112	Postpartum mammary gland involution drives progression of ductal carcinoma in situ through collagen and COX-2. Nature Medicine, 2011, 17, 1109-1115.	15.2	318
113	Apoptosis-Like Cell Death Induction and Aberrant Fibroblast Properties in Human Incisional Hernia Fascia. American Journal of Pathology, 2011, 178, 2641-2653.	1.9	15
114	Effects of interleukin-18 on cardiac fibroblast function and gene expression. Cytokine, 2011, 53, 19-28.	1.4	80
115	TLR4 signal transduction pathways neutralize the effect of Fas signals on glioblastoma cell proliferation and migration. Cancer Letters, 2011, 311, 195-202.	3.2	23
116	Polyphyllin D, a steroidal saponin from Paris polyphylla, inhibits endothelial cell functions in vitro and angiogenesis in zebrafish embryos in vivo. Journal of Ethnopharmacology, 2011, 137, 64-69.	2.0	62
117	Plantaricin A synthesized by Lactobacillus plantarum induces in vitro proliferation and migration of human keratinocytes and increases the expression of TGF- $\hat{1}^2$ 1, FGF7, VEGF-A and IL-8 genes. Peptides, 2011, 32, 1815-1824.	1.2	36
118	Wnt3a Induces Myofibroblast Differentiation by Upregulating TGF- \hat{l}^2 Signaling Through SMAD2 in a \hat{l}^2 -Catenin-Dependent Manner. PLoS ONE, 2011, 6, e19809.	1.1	133
119	Vimentin is sufficient and required for wound repair and remodeling in alveolar epithelial cells. FASEB Journal, 2011, 25, 3873-3883.	0.2	109
120	Platelet Lysate Induces <i>In Vitro</i> Wound Healing of Human Keratinocytes Associated with a Strong Proinflammatory Response. Tissue Engineering - Part A, 2011, 17, 1787-1800.	1.6	64
121	Cell Migration and Invasion Assays. Methods in Molecular Biology, 2011, 731, 333-343.	0.4	43
122	Endothelial enriched microRNAs regulate angiotensin II-induced endothelial inflammation and migration. Atherosclerosis, 2011, 215, 286-293.	0.4	280
123	The Role of DJ-1 in the Pathogenesis of Endometriosis. PLoS ONE, 2011, 6, e18074.	1.1	25
124	A Novel Role of Peripheral Corticotropin-Releasing Hormone (CRH) on Dermal Fibroblasts. PLoS ONE, 2011, 6, e21654.	1.1	14
125	3,3'-Diindolylmethane inhibits migration and invasion of human cancer cells through combined suppression of ERK and AKT pathways. Oncology Reports, 2011, 25, 491-7.	1.2	20
126	A Method for Quantitative Analysis of the Kinematics of Fibroblast Migration in a Monolayer Wound Model. , 2011 , , .		3
127	Protein kinase \hat{Cl} in tumorigenesis of human malignant fibrous histiocytoma. Oncology Reports, 2011, 26, 1221-6.	1.2	7
128	Aktâ€mediated mechanotransduction in murine fibroblasts during hypertrophic scar formation. Wound Repair and Regeneration, 2011, 19, 49-58.	1.5	48

#	Article	IF	CITATIONS
129	Gene-expression profiles of epithelial cells treated with EMD in vitro: analysis using complementary DNA arrays. Journal of Periodontal Research, 2011, 46, 118-125.	1.4	8
130	KiSS1 mediates platinum sensitivity and metastasis suppression in head and neck squamous cell carcinoma. Oncogene, 2011, 30, 3163-3173.	2.6	31
131	IncRNAs transactivate STAU1-mediated mRNA decay by duplexing with 3′ UTRs via Alu elements. Nature, 2011, 470, 284-288.	13.7	1,122
132	Targeting GLI1 expression in human inflammatory breast cancer cells enhances apoptosis and attenuates migration. British Journal of Cancer, 2011, 104, 1575-1586.	2.9	48
133	An imaging system for real-time monitoring of adherently grown cells. Sensors and Actuators A: Physical, 2011, 172, 175-180.	2.0	8
135	Comparative analysis of the role of small G proteins in cell migration and cell death: Cytoprotective and promigratory effects of RalA. Experimental Cell Research, 2011, 317, 2007-2018.	1.2	14
136	Thrombospondin-2 Gene Silencing in Human Aortic Smooth Muscle Cells Improves Cell Attachment. Journal of the American College of Surgeons, 2011, 213, 668-676.	0.2	10
137	Mechanism of hydrogen peroxide-induced keratinocyte migration in a scratch-wound model. Free Radical Biology and Medicine, 2011, 51, 884-892.	1.3	60
138	Effects of fibrin pad hemostat on the wound healing process inÂvivo and inÂvitro. Biomaterials, 2011, 32, 9594-9601.	5.7	18
139	Role of ßarrestins in bradykinin B2 receptor-mediated signalling. Cellular Signalling, 2011, 23, 648-659.	1.7	35
140	GDC-0941 Inhibits Metastatic Characteristics of Thyroid Carcinomas by Targeting both the Phosphoinositide-3 Kinase (PI3K) and Hypoxia-Inducible Factor- $1\hat{l}_{\pm}$ (HIF- $1\hat{l}_{\pm}$) Pathways. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E1934-E1943.	1.8	52
141	Spheroid confrontation assay: A simple method to monitor the three-dimensional migration of different cell types in vitro. Annals of Anatomy, 2011, 193, 181-184.	1.0	28
142	Blocking IKKα Expression Inhibits Prostate Cancer Invasiveness. Pharmaceutical Research, 2011, 28, 1357-1369.	1.7	28
143	Calmodulin-kinases regulate basal and estrogen stimulated medulloblastoma migration via Rac1. Journal of Neuro-Oncology, 2011, 104, 65-82.	1.4	19
144	Myosin II activity is required for functional leading-edge cells and closure of epidermal sheets in fish skin ex vivo. Cell and Tissue Research, 2011, 345, 379-390.	1.5	10
145	On-chip cell migration assay for quantifying the effect of ethanol on MCF-7 human breast cancer cells. Microfluidics and Nanofluidics, 2011, 10, 1333-1341.	1.0	29
146	Curcumin induces stress response and hormetically modulates wound healing ability of human skin fibroblasts undergoing ageing in vitro. Biogerontology, 2011, 12, 437-444.	2.0	84
147	Synthesis, characterization, antiproliferative and anti-metastatic properties of two ruthenium–DMSO complexes containing 2,2′-biimidazole. European Journal of Medicinal Chemistry, 2011, 46, 1555-1563.	2.6	49

#	Article	IF	CITATIONS
148	p21/waf1 and smooth-muscle actin \hat{l}_{\pm} expression in stromal fibroblasts of oral cancers. Cellular Oncology (Dordrecht), 2011, 34, 483-488.	2.1	7
149	Blockade of proliferation and migration of gastric cancer via targeting CDH17 with an artificial microRNA. Medical Oncology, 2011, 28, 494-501.	1.2	17
150	Antiangiogenic properties of Koetjapic acid, a natural triterpene isolated from Sandoricum koetjaoe Merr. Cancer Cell International, 2011, 11, 12.	1.8	25
151	Disruption of the AKT pathway inhibits metastasis in an orthotopic model of head and neck squamous cell carcinoma. Laryngoscope, 2011, 121, 2359-2365.	1.1	45
152	Crossing barriers: The new dimension of 2D cell migration assays. Journal of Cellular Physiology, 2011, 226, 288-290.	2.0	36
153	ZD6474 enhances paclitaxel antiproliferative and apoptotic effects in breast carcinoma cells. Journal of Cellular Physiology, 2011, 226, 375-384.	2.0	28
154	Rehydration of Polymeric, Aqueous, Biphasic System Facilitates High Throughput Cell Exclusion Patterning for Cell Migration Studies. Advanced Functional Materials, 2011, 21, 2920-2926.	7.8	41
155	Nuclear expression of S100A4 calcium-binding protein increases cholangiocarcinoma invasiveness and metastasization. Hepatology, 2011, 54, 890-899.	3.6	82
156	Matrilysin-1 (MMP7) cleaves galectin-3 and inhibits wound healing in intestinal epithelial cells. Inflammatory Bowel Diseases, 2011, 17, 260-267.	0.9	62
157	Antitumor activity of gold(III)â€dithiocarbamato derivatives on prostate cancer cells and xenografts. International Journal of Cancer, 2011, 128, 206-215.	2.3	120
158	Semaphorin 3A is expressed in human osteoarthritic cartilage and antagonizes vascular endothelial growth factor 165-promoted chondrocyte migration: An implication for chondrocyte cloning. Arthritis and Rheumatism, 2011, 63, 3000-3009.	6.7	27
159	Anti-Angiogenic Effects of Resveratrol on Cerebral Angiogenesis. Current Neurovascular Research, 2011, 8, 14-24.	0.4	14
160	The Angiostatic Protein 16K Human Prolactin Significantly Prevents Tumor-Induced Lymphangiogenesis by Affecting Lymphatic Endothelial Cells. Endocrinology, 2011, 152, 4062-4071.	1.4	10
161	Efficient nanoparticle mediated sustained RNA interference in human primary endothelial cells. Nanotechnology, 2011, 22, 445101.	1.3	14
162	Cell-type-specific regulation of raft-associated Akt signaling. Cell Death and Disease, 2011, 2, e145-e145.	2.7	16
164	Hypoxia Inducible Factor–Dependent Regulation of Angiogenesis by Nitro–Fatty Acids. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1360-1367.	1.1	21
165	Glioblastoma Angiogenesis and Tumor Cell Invasiveness Are Differentially Regulated by \hat{l}^2 8 Integrin. Cancer Research, 2011, 71, 6371-6381.	0.4	86
166	î"Np63α Protein Triggers Epithelial-Mesenchymal Transition and Confers Stem Cell Properties in Normal Human Keratinocytes. Journal of Biological Chemistry, 2011, 286, 38757-38767.	1.6	55

#	Article	IF	Citations
167	Adrenomedullin 2/Intermedin Regulates HLA-G in Human Trophoblasts1. Biology of Reproduction, 2011, 85, 1232-1239.	1.2	18
168	Inhibition of aldose reductase prevents colon cancer metastasis. Carcinogenesis, 2011, 32, 1259-1267.	1.3	53
169	Role of Tumor Associated Fibroblasts in Human Liver Regeneration, Cirrhosis, and Cancer. International Journal of Hepatology, 2011, 2011, 1-15.	0.4	23
170	MicroRNA-100 Regulates Neovascularization by Suppression of Mammalian Target of Rapamycin in Endothelial and Vascular Smooth Muscle Cells. Circulation, 2011, 123, 999-1009.	1.6	178
171	Identification and gene expression profiling of tumor-initiating cells isolated from human osteosarcoma cell lines in an orthotopic mouse model. Cancer Biology and Therapy, 2011, 12, 278-287.	1.5	35
172	Nestin is a novel target for suppressing pancreatic cancer cell migration, invasion and metastasis. Cancer Biology and Therapy, 2011, 11, 512-523.	1.5	86
173	Host Response to Short-term, Single-Agent Chemotherapy Induces Matrix Metalloproteinase-9 Expression and Accelerates Metastasis in Mice. Cancer Research, 2011, 71, 6986-6996.	0.4	102
174	Proteomics Profiling of Madin-Darby Canine Kidney Plasma Membranes Reveals Wnt-5a Involvement during Oncogenic H-Ras/TGF- \hat{l}^2 -mediated Epithelial-Mesenchymal Transition. Molecular and Cellular Proteomics, 2011, 10, S1-S15.	2.5	47
175	Lipocalin-2 Is a Chemokine Inducer in the Central Nervous System. Journal of Biological Chemistry, 2011, 286, 43855-43870.	1.6	149
176	A Critical Role of $G\hat{l}^2\hat{l}^3$ in Tumorigenesis and Metastasis of Breast Cancer. Journal of Biological Chemistry, 2011, 286, 13244-13254.	1.6	43
177	The MARCKS Protein Plays a Critical Role in Phosphatidylinositol 4,5-Bisphosphate Metabolism and Directed Cell Movement in Vascular Endothelial Cells. Journal of Biological Chemistry, 2011, 286, 2320-2330.	1.6	50
178	Activation of Endothelial Toll-Like Receptor 3 Impairs Endothelial Function. Circulation Research, 2011, 108, 1358-1366.	2.0	107
179	Host-derived MMP-13 exhibits a protective role in lung metastasis of melanoma cells by local endostatin production. British Journal of Cancer, 2011, 105, 1615-1624.	2.9	32
180	Epha2 is a critical oncogene in melanoma. Oncogene, 2011, 30, 4921-4929.	2.6	71
181	Extracellular Matrix Powder Protects Against Bleomycin-Induced Pulmonary Fibrosis. Tissue Engineering - Part A, 2011, 17, 2795-2804.	1.6	39
182	Targeted Disruption of the Prostaglandin E ₂ E-Prostanoid 2 Receptor Exacerbates Vascular Neointimal Formation in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1739-1747.	1.1	25
183	\hat{l}^2 -Arrestin mediates oxytocin receptor signaling, which regulates uterine contractility and cellular migration. American Journal of Physiology - Endocrinology and Metabolism, 2011, 300, E468-E477.	1.8	37
184	Epigenetic Regulation of Cell Adhesion and Communication by Enhancer of Zeste Homolog 2 in Human Endothelial Cells. Hypertension, 2012, 60, 1176-1183.	1.3	45

#	Article	IF	CITATIONS
185	Shikonin Directly Targets Mitochondria and Causes Mitochondrial Dysfunction in Cancer Cells. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-15.	0.5	76
186	Inhibition of Notch1 Signaling Reduces Abdominal Aortic Aneurysm in Mice by Attenuating Macrophage-Mediated Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 3012-3023.	1.1	58
187	The Silencing of Pokemon Attenuates the Proliferation of Hepatocellular Carcinoma Cells In Vitro and In Vivo by Inhibiting the PI3K/Akt Pathway. PLoS ONE, 2012, 7, e51916.	1.1	35
188	GLI1 Inhibition Promotes Epithelial-to-Mesenchymal Transition in Pancreatic Cancer Cells. Cancer Research, 2012, 72, 88-99.	0.4	60
189	Stimulation of Skin and Wound Fibroblast Migration by Mesenchymal Stem Cells Derived from Normal Donors and Chronic Wound Patients. Stem Cells Translational Medicine, 2012, 1, 221-229.	1.6	80
190	Homocysteinylation of neuronal proteins contributes to folate deficiencyâ€associated alterations of differentiation, vesicular transport, and plasticity in hippocampal neuronal cells. FASEB Journal, 2012, 26, 3980-3992.	0.2	66
191	Clotrimazole Preferentially Inhibits Human Breast Cancer Cell Proliferation, Viability and Glycolysis. PLoS ONE, 2012, 7, e30462.	1.1	81
192	PROLIFERATION AND COLLECTIVE MIGRATION OF SMALL CELL GROUPS RELEASED FROM CIRCULAR PATCHES. Biophysical Reviews and Letters, 2012, 07, 15-28.	0.9	6
193	Periostin modulates myofibroblast differentiation during full-thickness cutaneous wound repair. Journal of Cell Science, 2012, 125, 121-132.	1.2	123
194	The non-canonical NOTCH ligand DLK1 exhibits a novel vascular role as a strong inhibitor of angiogenesis. Cardiovascular Research, 2012, 93, 232-241.	1.8	65
195	lonizing Radiation Enhances Esophageal Epithelial Cell Migration and Invasion Through a Paracrine Mechanism Involving Stromal-Derived Hepatocyte Growth Factor. Radiation Research, 2012, 177, 200-208.	0.7	20
196	Enhanced Cerebral but Not Peripheral Angiogenesis in the Goto-Kakizaki Model of Type 2 Diabetes Involves VEGF and Peroxynitrite Signaling. Diabetes, 2012, 61, 1533-1542.	0.3	91
197	Anthracycline Inhibits Recruitment of Hypoxia-inducible Transcription Factors and Suppresses Tumor Cell Migration and Cardiac Angiogenic Response in the Host. Journal of Biological Chemistry, 2012, 287, 34866-34882.	1.6	40
198	Vascular Endothelial Cell-specific MicroRNA-15a Inhibits Angiogenesis in Hindlimb Ischemia. Journal of Biological Chemistry, 2012, 287, 27055-27064.	1.6	122
199	Profilin1 Regulates Sternum Development and Endochondral Bone Formation. Journal of Biological Chemistry, 2012, 287, 33545-33553.	1.6	17
200	The Effect of Cigarette Smoke Extract on Trophoblast Cell Viability and Migration: The Role of Adrenomedullin. Reproductive Sciences, 2012, 19, 526-533.	1.1	14
201	Engineered Zinc-Finger Proteins Can Compensate Genetic Haploinsufficiency by Transcriptional Activation of the Wild-Type Allele: Application to Willams-Beuren Syndrome and Supravalvular Aortic Stenosis. Human Gene Therapy, 2012, 23, 1186-1199.	1.4	9
202	Targeting Extracellular Domains D4 and D7 of Vascular Endothelial Growth Factor Receptor 2 Reveals Allosteric Receptor Regulatory Sites. Molecular and Cellular Biology, 2012, 32, 3802-3813.	1.1	38

#	Article	IF	CITATIONS
203	Heparanase and Syndecan-1 Interplay Orchestrates Fibroblast Growth Factor-2-induced Epithelial-Mesenchymal Transition in Renal Tubular Cells. Journal of Biological Chemistry, 2012, 287, 1478-1488.	1.6	88
204	The Enzymatic Activity of Apoptosis-inducing Factor Supports Energy Metabolism Benefiting the Growth and Invasiveness of Advanced Prostate Cancer Cells. Journal of Biological Chemistry, 2012, 287, 43862-43875.	1.6	19
205	IÂBNS regulates interleukin-6 production and inhibits neointimal formation after vascular injury in mice. Cardiovascular Research, 2012, 93, 371-379.	1.8	17
206	ROS constitute a convergence nexus in the development of IGF1 resistance and impaired wound healing in a rat model of type 2 diabetes. DMM Disease Models and Mechanisms, 2012, 5, 375-88.	1.2	28
207	Inhibition of nuclear factor-l ^o B by dehydroxymethylepoxyquinomicin induces schedule-dependent chemosensitivity to anticancer drugs and enhances chemoinduced apoptosis in osteosarcoma cells. Anti-Cancer Drugs, 2012, 23, 638-650.	0.7	18
208	Multiple antitumor effects of picropodophyllin in colon carcinoma cell lines: Clinical implications. International Journal of Oncology, 2012, 40, 1251-1258.	1.4	18
209	PKD1 negatively regulates cell invasion, migration and proliferation ability of human osteosarcoma. International Journal of Oncology, 2012, 40, 1839-48.	1.4	17
210	microRNA-146a targets the L1 cell adhesion molecule and suppresses the metastatic potential of gastric cancer. Molecular Medicine Reports, 2012, 6, 501-506.	1.1	48
211	Anti-angiogenic and antitumor activities of Huaier aqueous extract. Oncology Reports, 2012, 28, 1167-1175.	1.2	68
212	<i>In Vitro</i> Antimetastatic Activity of Koetjapic Acid against Breast Cancer Cells. Biological and Pharmaceutical Bulletin, 2012, 35, 503-508.	0.6	8
213	Endothelial cell-fatty acid binding protein 4 promotes angiogenesis: role of stem cell factor/c-kit pathway. Angiogenesis, 2012, 15, 457-468.	3.7	129
215	A Supramolecular System for the Electrochemically Controlled Release of Cells. Angewandte Chemie - International Edition, 2012, 51, 12233-12237.	7.2	119
216	Human antigen R contributes to hepatic stellate cell activation and liver fibrosis. Hepatology, 2012, 56, 1870-1882.	3.6	79
217	The effects of energy beverages on cultured cells. Food and Chemical Toxicology, 2012, 50, 3759-3768.	1.8	13
218	Distribution and molecular characterization of Porphyromonas gulae carrying a new fimA genotype. Veterinary Microbiology, 2012, 161, 196-205.	0.8	13
219	Effect of growth factors on the migration of equine oral and limb fibroblasts using an in vitro scratch assay. Veterinary Journal, 2012, 193, 539-544.	0.6	10
220	A Comparative Study of Adhesion of Melanoma and Breast Cancer Cells to Blood and Lymphatic Endothelium. Lymphatic Research and Biology, 2012, 10, 173-181.	0.5	14
221	The RNA-Binding Protein Human Antigen R Controls Global Changes in Gene Expression during Schwann Cell Development. Journal of Neuroscience, 2012, 32, 4944-4958.	1.7	12

#	Article	IF	CITATIONS
222	Impact of Pseudomonas aeruginosa quorum sensing on cellular wound healing responses in vitro. Scandinavian Journal of Infectious Diseases, 2012, 44, 615-619.	1.5	13
223	Live cell imaging analysis of the epigenetic regulation of the human endothelial cell migration at single-cell resolution. Lab on A Chip, 2012, 12, 3063.	3.1	16
224	Cell Image Velocimetry (CIV): boosting the automated quantification of cell migration in wound healing assays. Integrative Biology (United Kingdom), 2012, 4, 1437-1447.	0.6	38
225	Electric Cell-Substrate Impedance Sensing and Cancer Metastasis. Cancer Metastasis - Biology and Treatment, 2012, , .	0.1	11
226	A Role for miR-145 in Pulmonary Arterial Hypertension. Circulation Research, 2012, 111, 290-300.	2.0	263
227	Characterization of cancer stem-like cells in chordoma. Journal of Neurosurgery, 2012, 116, 810-820.	0.9	60
228	Automated velocity mapping of migrating cell populations (AVeMap). Nature Methods, 2012, 9, 1081-1083.	9.0	57
229	Cat's Whiskers Tea (Orthosiphon Stamineus) Extract Inhibits Growth of Colon Tumor in Nude Mice and Angiogenesis in Endothelial Cells via Suppressing VEGFR Phosphorylation. Nutrition and Cancer, 2012, 64, 89-99.	0.9	50
230	Gene expression profiles induced by E6 from non-European HPV18 variants reveals a differential activation on cellular processes driving to carcinogenesis. Virology, 2012, 432, 81-90.	1.1	23
231	A Quantitative Metric for Pattern Fidelity of Bioprinted Cocultures. Artificial Organs, 2012, 36, E151-62.	1.0	8
232	Integrase-Deficient Lentiviral Vectors Mediate Efficient Gene Transfer to Human Vascular Smooth Muscle Cells with Minimal Genotoxic Risk. Human Gene Therapy, 2012, 23, 1247-1257.	1.4	16
233	A mini-microscope for in situ monitoring of cells. Lab on A Chip, 2012, 12, 3976.	3.1	60
234	Reciprocal Induction of Simple Organogenesis by Mouse Kidney Progenitor Cells in Three-Dimensional Co-Culture. American Journal of Pathology, 2012, 180, 819-830.	1.9	9
235	Aqueous extract of Centella asiatica promotes corneal epithelium wound healing in vitro. Journal of Ethnopharmacology, 2012, 140, 333-338.	2.0	55
236	Effects of Plantago major L. leaf extracts on oral epithelial cells in a scratch assay. Journal of Ethnopharmacology, 2012, 141, 825-830.	2.0	63
237	Evaluation of the wound healing potential of Wedelia trilobata (L.) leaves. Journal of Ethnopharmacology, 2012, 141, 817-824.	2.0	105
238	Mechanical characterization of adult stem cells from bone marrow and perivascular niches. Journal of Biomechanics, 2012, 45, 1280-1287.	0.9	16
239	Low-intensity Low-frequency Ultrasound Promotes Proliferation and Differentiation of Odontoblast-like Cells. Journal of Endodontics, 2012, 38, 608-613.	1.4	31

#	Article	IF	CITATIONS
240	The expression and function of vascular endothelial growth factor in retinal pigment epithelial (RPE) cells is regulated by 4-hydroxynonenal (HNE) and glutathione S-transferaseA4-4. Biochemical and Biophysical Research Communications, 2012, 417, 346-351.	1.0	29
241	Effects of hydrogen peroxide in a keratinocyte-fibroblast co-culture model of wound healing. Biochemical and Biophysical Research Communications, 2012, 423, 253-258.	1.0	60
242	Hedgehog pathway regulators influence cervical cancer cell proliferation, survival and migration. Biochemical and Biophysical Research Communications, 2012, 425, 64-69.	1.0	48
243	Versican and CD44 in in vitro valvular interstitial cell injury and repair. Cardiovascular Pathology, 2012, 21, 74-82.	0.7	10
244	Effects of interleukin-33 on cardiac fibroblast gene expression and activity. Cytokine, 2012, 58, 368-379.	1.4	43
245	Discovery and Optimization of a Series of 2-Aryl-4-Amino-5-(3′,4′,5′-trimethoxybenzoyl)Thiazoles as Novel Anticancer Agents. Journal of Medicinal Chemistry, 2012, 55, 5433-5445.	2.9	57
246	Notch Inhibition during Corneal Epithelial Wound Healing Promotes Migration., 2012, 53, 7476.		37
248	Antiangiogenesis and antioxidant activity of ethanol extracts of Pithecellobium jiringa. BMC Complementary and Alternative Medicine, 2012, 12, 210.	3.7	20
249	Plasminogen activator inhibitor type 1 regulates microglial motility and phagocytic activity. Journal of Neuroinflammation, 2012, 9, 149.	3.1	82
250	Time-dependent effects of hypothermia on microglial activation and migration. Journal of Neuroinflammation, 2012, 9, 164.	3.1	43
251	Fusarisetin A: scalable total synthesis and related studies. Chemical Science, 2012, 3, 3378.	3.7	47
252	Vinpocetine Suppresses Pathological Vascular Remodeling by Inhibiting Vascular Smooth Muscle Cell Proliferation and Migration. Journal of Pharmacology and Experimental Therapeutics, 2012, 343, 479-488.	1.3	46
253	Integration of <scp>TGF</scp> â€ β ―and <scp>EGFR</scp> â€based signaling pathways using an agentâ€based model of epithelial restitution. Wound Repair and Regeneration, 2012, 20, 862-863.	1.5	25
254	S100A4, frequently overexpressed in various human cancers, accelerates cell motility in pancreatic cancer cells. Biochemical and Biophysical Research Communications, 2012, 429, 214-219.	1.0	30
255	Magnetically attachable stencils and the non-destructive analysis of the contribution made by the underlying matrix to cell migration. Biomaterials, 2012, 33, 8189-8203.	5.7	19
256	Effect of homotypic and heterotypic interaction in 3D on the E-selectin mediated adhesive properties of breast cancer cell lines. Biomaterials, 2012, 33, 9037-9048.	5.7	35
257	\hat{l}^2 -Catenin signaling initiates the activation of astrocytes and its dysregulation contributes to the pathogenesis of astrocytomas. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6963-6968.	3.3	64
258	Acceleration of Wound Healing by Multiple Growth Factors and Cytokines Secreted from Multipotential Stromal Cells/Mesenchymal Stem Cells. Advances in Wound Care, 2012, 1, 177-182.	2.6	69

#	Article	IF	CITATIONS
259	Inhibition of miR-92a increases endothelial proliferation and migration in vitro as well as reduces neointimal proliferation in vivo after vascular injury. Basic Research in Cardiology, 2012, 107, 296.	2.5	100
260	Elevated mRNA expression of CHAC1 splicing variants is associated with poor outcome for breast and ovarian cancer patients. British Journal of Cancer, 2012, 106, 189-198.	2.9	57
261	VEGF-Functionalized Dextran Has Longer Intracellular Bioactivity than VEGF in Endothelial Cells. Biomacromolecules, 2012, 13, 2906-2916.	2.6	7
262	Microfabricated mimics of in vivo structural cues for the study of guided tumor cell migration. Lab on A Chip, 2012, 12, 4424.	3.1	49
263	The biomedical potential of genetically modified flax seeds overexpressing the glucosyltransferase gene. BMC Complementary and Alternative Medicine, 2012, 12, 251.	3.7	25
264	A homeopathic remedy from arnica, marigold, St. John's wort and comfrey accelerates in vitro wound scratch closure of NIH 3T3 fibroblasts. BMC Complementary and Alternative Medicine, 2012, 12, 100.	3.7	31
265	Established and novel methods of interrogating two-dimensional cell migration. Integrative Biology (United Kingdom), 2012, 4, 1338.	0.6	59
266	A new mechanism of action of sulodexide in diabetic nephropathy: inhibits heparanase-1 and prevents FGF-2-induced renal epithelial-mesenchymal transition. Journal of Translational Medicine, 2012, 10, 213.	1.8	60
267	Cardiac myofibroblasts: cells out of balance. A new thematic series. Fibrogenesis and Tissue Repair, 2012, 5, 14.	3.4	4
268	MicroRNA-211 Expression Promotes Colorectal Cancer Cell Growth In Vitro and In Vivo by Targeting Tumor Suppressor CHD5. PLoS ONE, 2012, 7, e29750.	1.1	97
269	Emergence of HGF/SF-Induced Coordinated Cellular Motility. PLoS ONE, 2012, 7, e44671.	1.1	29
270	Loss of Expression and Function of SOCS3 Is an Early Event in HNSCC: Altered Subcellular Localization as a Possible Mechanism Involved in Proliferation, Migration and Invasion. PLoS ONE, 2012, 7, e45197.	1.1	26
271	Inhibition of Glioma Cell Lysosome Exocytosis Inhibits Glioma Invasion. PLoS ONE, 2012, 7, e45910.	1.1	61
272	Silencing of Glutathione Peroxidase 3 through DNA Hypermethylation Is Associated with Lymph Node Metastasis in Gastric Carcinomas. PLoS ONE, 2012, 7, e46214.	1.1	57
273	Synthetic miRNA-Mowers Targeting miR-183-96-182 Cluster or miR-210 Inhibit Growth and Migration and Induce Apoptosis in Bladder Cancer Cells. PLoS ONE, 2012, 7, e52280.	1.1	93
274	In Vitro Wound Healing Improvement by Low-Level Laser Therapy Application in Cultured Gingival Fibroblasts. International Journal of Dentistry, 2012, 2012, 1-6.	0.5	108
275	Pharmacologic Inhibition of Cardiac Stem Cell Senescence. , 0, , .		1
276	Biochemical relapse following radical prostatectomy and miRâ€200a levels in prostate cancer. Prostate, 2012, 72, 1193-1199.	1.2	45

#	Article	IF	CITATIONS
277	Tyrosine-phosphorylated Galectin-3 Protein Is Resistant to Prostate-specific Antigen (PSA) Cleavage. Journal of Biological Chemistry, 2012, 287, 5192-5198.	1.6	38
278	Heparin/Heparan Sulfate/CD44-v3 Enhances Cell Migration in Term Placenta-Derived Immortalized Human Trophoblast Cells1. Biology of Reproduction, 2012, 86, 134, 1-8.	1.2	6
279	Low intensity ultrasound stimulates osteoblast migration at different frequencies. Journal of Bone and Mineral Metabolism, 2012, 30, 602-607.	1.3	27
280	Downregulation of tropomyosinâ€1 in squamous cell carcinoma of esophagus, the role of Ras signaling and methylation. Molecular Carcinogenesis, 2012, 51, 796-806.	1.3	19
281	Generation of human vascular smooth muscle subtypes provides insight into embryological origin–dependent disease susceptibility. Nature Biotechnology, 2012, 30, 165-173.	9.4	321
282	Woundâ€Healing with Mechanically Robust and Biodegradable Hydrogel Fibers Loaded with Silver Nanoparticles. Advanced Healthcare Materials, 2012, 1, 621-630.	3.9	74
283	Isolation, culture and chondrogenic differentiation of canine adipose tissue- and bone marrow-derived mesenchymal stem cells–a comparative study. Veterinary Research Communications, 2012, 36, 139-148.	0.6	78
284	Nogoâ€66 inhibits adhesion and migration of microglia via GTPase Rho pathway <i>in vitro</i> . Journal of Neurochemistry, 2012, 120, 721-731.	2.1	72
285	Dual RESTâ€dependence of L1CAM: from gene expression to alternative splicing governed by Nova2 in neural cells. Journal of Neurochemistry, 2012, 120, 699-709.	2.1	15
286	Regulation of growth factorsâ€associated cell migration by Câ€phycocyanin scaffold in dermal wound healing. Clinical and Experimental Pharmacology and Physiology, 2012, 39, 13-19.	0.9	23
287	Migration induced by epidermal and hepatocyte growth factors in oral squamous carcinoma cells in vitro: role of MEK/ERK, p38 and Pl-3 kinase/Akt. Journal of Oral Pathology and Medicine, 2012, 41, no-no.	1.4	22
288	Regulation of prostate cancer cell invasion by modulation of extra- and intracellular redox balance. Free Radical Biology and Medicine, 2012, 52, 452-461.	1.3	30
289	In vitro and in vivo evaluation of N,N,N-trimethylphytosphingosine-iodide (TMP) in liposomes for the treatment of angiogenesis and metastasis. International Journal of Pharmaceutics, 2012, 434, 191-198.	2.6	13
290	A novel caryophyllene type sesquiterpene lactone from Asparagus falcatus (Linn.); Structure elucidation and anti-angiogenic activity on HUVECs. European Journal of Medicinal Chemistry, 2012, 47, 601-607.	2.6	19
291	Ginsenoside Rg3 attenuates cell migration via inhibition of aquaporin 1 expression in PC-3M prostate cancer cells. European Journal of Pharmacology, 2012, 683, 27-34.	1.7	80
292	Kinetic stabilization of microtubule dynamics by indanocine perturbs EB1 localization, induces defects in cell polarity and inhibits migration of MDA-MB-231 cells. Biochemical Pharmacology, 2012, 83, 1495-1506.	2.0	39
293	The influence of substrate stiffness on the behavior and functions of Schwann cells in culture. Biomaterials, 2012, 33, 6672-6681.	5.7	130
294	Stylissamide X, a new proline-rich cyclic octapeptide as an inhibitor of cell migration, from an Indonesian marine sponge of Stylissa sp Bioorganic and Medicinal Chemistry Letters, 2012, 22, 1818-1821.	1.0	31

#	Article	IF	CITATIONS
295	Low concentration aminoâ€bisphosphonates stimulate human keratinocyte proliferation and in vitro wound healing. International Wound Journal, 2012, 9, 442-450.	1.3	5
296	Bevacizumab modulates epithelialâ€toâ€mesenchymal transition in the retinal pigment epithelial cells via connective tissue growth factor upâ€regulation. Acta Ophthalmologica, 2012, 90, e389-98.	0.6	22
297	Quercetin accumulates in nuclear structures and triggers specific gene expression in epithelial cells. Journal of Nutritional Biochemistry, 2012, 23, 656-666.	1.9	45
298	Synergistic anti-tumor effects of RAD001 with MEK inhibitors in neuroendocrine tumors: A potential mechanism of therapeutic limitation of mTOR inhibitor. Molecular and Cellular Endocrinology, 2012, 350, 99-106.	1.6	19
299	A standardized objective method for continuously measuring the kinematics of cultures covering a mechanically damaged site. Medical Engineering and Physics, 2012, 34, 225-232.	0.8	48
300	Cell migration analysis: Segmenting scratch assay images with level sets and support vector machines. Pattern Recognition, 2012, 45, 3154-3165.	5.1	27
301	Picolinate ruthenium(II) \hat{a} erene complex with in vitro antiproliferative and antimetastatic properties: Comparison to a series of ruthenium(II) \hat{a} erene complexes with similar structure. Journal of Inorganic Biochemistry, 2012, 108, 53-61.	1.5	45
302	Rudhira/BCAS3 is a cytoskeletal protein that controls Cdc42 activation and directional cell migration during angiogenesis. Experimental Cell Research, 2012, 318, 753-767.	1.2	26
303	Regulatory macrophages induced by infliximab are involved in healing in vivo and in vitro. Inflammatory Bowel Diseases, 2012, 18, 401-408.	0.9	150
304	Cellular modeling of cancer invasion: Integration of in silico and in vitro approaches. Journal of Cellular Physiology, 2012, 227, 431-438.	2.0	68
305	Possible role of RKIP in cytotrophoblast migration: immunohistochemical and in vitro studies. Journal of Cellular Physiology, 2012, 227, 1821-1828.	2.0	17
306	A potential strategy for high-grade gliomas: combination treatment with lithium chloride and BmK CT. Biotechnology Letters, 2012, 34, 9-17.	1.1	12
307	Oxidative inhibition of Hsp90 disrupts the superâ€chaperone complex and attenuates pancreatic adenocarcinoma ⟨i⟩in vitro⟨ i⟩ and ⟨i⟩in vivo⟨ i⟩. International Journal of Cancer, 2013, 132, 695-706.	2.3	60
308	5-Aza-2′-deoxycytidine inhibited PDGF-induced rat airway smooth muscle cell phenotypic switching. Archives of Toxicology, 2013, 87, 871-881.	1.9	31
309	Condurango-glycoside-A fraction of Gonolobus condurango induces DNA damage associated senescence and apoptosis via ROS-dependent p53 signalling pathway in HeLa cells. Molecular and Cellular Biochemistry, 2013, 382, 173-183.	1.4	21
310	Antagonistic effect of C19 on migration of vascular smooth muscle cells and intimal hyperplasia induced by chemokine-like factor 1. Molecular Biology Reports, 2013, 40, 2939-2946.	1.0	7
311	Podoplanin-mediated cell adhesion through extracellular matrix in oral squamous cell carcinoma. Laboratory Investigation, 2013, 93, 921-932.	1.7	42
312	Regeneration-on-a-chip? The perspectives on use of microfluidics in regenerative medicine. Lab on A Chip, 2013, 13, 3512.	3.1	96

#	Article	IF	Citations
313	The enhancement of neuronal cells wound healing with non-contact electric field stimulation by graphene electrodes. Proceedings of SPIE, 2013 , , .	0.8	1
314	Screening and evaluation of traditional Chinese medicine by microarray expression analysis. Journal of Ethnopharmacology, 2013, 147, 564-569.	2.0	10
315	N-glycosylation of ICAM-2 is required for ICAM-2-mediated complete suppression of metastatic potential of SK-N-AS neuroblastoma cells. BMC Cancer, 2013, 13, 261.	1,1	15
316	Syzygium campanulatum korth methanolic extract inhibits angiogenesis and tumor growth in nude mice. BMC Complementary and Alternative Medicine, 2013, 13, 168.	3.7	25
317	Flavokawain B, a kava chalcone, inhibits growth of human osteosarcoma cells through G2/M cell cycle arrest and apoptosis. Molecular Cancer, 2013, 12, 55.	7.9	69
318	The impact of Cysteine-Rich Intestinal Protein 1 (CRIP1) in human breast cancer. Molecular Cancer, 2013, 12, 28.	7.9	41
319	S6K1 Alternative Splicing Modulates Its Oncogenic Activity and Regulates mTORC1. Cell Reports, 2013, 3, 103-115.	2.9	93
320	Epithelial–Mesenchymal Transition Enhances Nanoscale Actin Filament Dynamics of Ovarian Cancer Cells. Journal of Physical Chemistry B, 2013, 117, 9233-9240.	1.2	16
321	ADAMTS7 Cleavage and Vascular Smooth Muscle Cell Migration Is Affected by a Coronary-Artery-Disease-Associated Variant. American Journal of Human Genetics, 2013, 92, 366-374.	2.6	95
322	Low Zoledronate Concentrations Stimulate Human Keratinocyte Proliferation. Pharmacology, 2013, 91, 201-206.	0.9	2
323	The ACL Handbook. , 2013, , .		12
324	Silk sericin ameliorates wound healing and its clinical efficacy in burn wounds. Archives of Dermatological Research, 2013, 305, 585-594.	1.1	107
325	Quantifying spatial structure in experimental observations and agent-based simulations using pair-correlation functions. Physical Review E, 2013, 88, 022705.	0.8	46
326	TR-644 a novel potent tubulin binding agent induces impairment of endothelial cells function and inhibits angiogenesis. Angiogenesis, 2013, 16, 647-662.	3.7	33
327	Preclinical evaluation of a new liposomal formulation of cisplatin, lipoplatin, to treat cisplatin-resistant cervical cancer. Gynecologic Oncology, 2013, 131, 744-752.	0.6	42
328	Schwann cell migration and neurite outgrowth are influenced by media conditioned by epineurial fibroblasts. Neuroscience, 2013, 252, 144-153.	1.1	28
329	Overexpression of human Argonaute2 inhibits cell and tumor growth. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 2553-2561.	1.1	28
330	Proapoptotic and Antimetastatic Properties of Supercritical CO ₂ Extract of <i>Nigella sativa</i> Linn. Against Breast Cancer Cells. Journal of Medicinal Food, 2013, 16, 1121-1130.	0.8	32

#	Article	IF	CITATIONS
331	Lin28 Enhances Tissue Repair by Reprogramming Cellular Metabolism. Cell, 2013, 155, 778-792.	13.5	322
332	D538G Mutation in Estrogen Receptor-α: A Novel Mechanism for Acquired Endocrine Resistance in Breast Cancer. Cancer Research, 2013, 73, 6856-6864.	0.4	340
333	Maintenance of stem cell self-renewal in head and neck cancers requires actions of $GSK3\hat{I}^2$ influenced by CD44 and RHAMM. Stem Cells, 2013, 31, 2073-2083.	1.4	60
334	Na+/K+-ATPase Â2-subunit (AMOG) expression abrogates invasion of glioblastoma-derived brain tumor-initiating cells. Neuro-Oncology, 2013, 15, 1518-1531.	0.6	30
335	Effect of aluminium on migratory and invasive properties of MCF-7 human breast cancer cells in culture. Journal of Inorganic Biochemistry, 2013, 128, 245-249.	1.5	52
336	Dehydrated aqueous two-phase system micro-domains retain their shape upon rehydration to allow patterned reagent delivery to cells. Journal of Materials Chemistry B, 2013, 1, 6020.	2.9	8
337	Reprint of: In-vitro model systems for the study of human embryo–endometrium interactions. Reproductive BioMedicine Online, 2013, 27, 673-688.	1.1	22
338	Mutant KRAS is a druggable target for pancreatic cancer. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20723-20728.	3.3	252
339	Zinc inhibits magnesium-dependent migration of human breast cancer MDA-MB-231 cells on fibronectin. Journal of Nutritional Biochemistry, 2013, 24, 1034-1040.	1.9	16
340	Cinaciguat prevents neointima formation after arterial injury by decreasing vascular smooth muscle cell migration and proliferation. International Journal of Cardiology, 2013, 167, 470-477.	0.8	14
341	Tumor cell response to bevacizumab single agent therapy in vitro. Cancer Cell International, 2013, 13, 94.	1.8	38
342	Panx1 regulates neural stem and progenitor cell behaviours associated with cytoskeletal dynamics and interacts with multiple cytoskeletal elements. Cell Communication and Signaling, 2013, 11, 62.	2.7	57
343	The antiangiogenic activities of ethanolic crude extracts of four Salvia species. BMC Complementary and Alternative Medicine, 2013, 13, 358.	3.7	24
344	Schwann cell-free adult canine olfactory ensheathing cell preparations from olfactory bulb and mucosa display differential migratory and neurite growth-promoting properties in vitro. BMC Neuroscience, 2013, 14, 141.	0.8	27
345	Assessment of a novel, capsid-modified adenovirus with an improved vascular gene transfer profile. Journal of Cardiothoracic Surgery, 2013, 8, 183.	0.4	12
346	Cytotoxic 3,4,5-trimethoxychalcones as mitotic arresters and cell migration inhibitors. European Journal of Medicinal Chemistry, 2013, 63, 501-510.	2.6	58
347	In-vitro model systems for the study of human embryo–endometrium interactions. Reproductive BioMedicine Online, 2013, 27, 461-476.	1.1	87
348	Cathelicidin antimicrobial peptide inhibits fibroblast migration via P2X7 receptor signaling. Biochemical and Biophysical Research Communications, 2013, 437, 609-614.	1.0	12

#	Article	IF	CITATIONS
349	Knock down of caveolinâ€1 affects morphological and functional hallmarks of human endothelial cells. Journal of Cellular Biochemistry, 2013, 114, 1843-1851.	1.2	20
350	Comparative proteomics analysis of sodium selenite-induced apoptosis in human prostate cancer cells. Metallomics, 2013, 5, 541.	1.0	20
351	Crosstalk between VEGF and novel angiogenic protein regulates tumor angiogenesis and contributes to aggressiveness of breast carcinoma. Cellular Signalling, 2013, 25, 277-294.	1.7	12
352	Galangin inhibits tumor growth and metastasis of B16F10 melanoma. Journal of Cellular Biochemistry, 2013, 114, 152-161.	1.2	56
353	2-Hydroxycinnamaldehyde inhibits the epithelial-mesenchymal transition in breast cancer cells. Breast Cancer Research and Treatment, 2013, 137, 697-708.	1.1	32
354	Quantitative Proteomic Analysis Revealed <i>N</i> ′-Nitrosonornicotine-induced Down-regulation of Nonmuscle Myosin II and Reduced Cell Migration in Cultured Human Skin Fibroblast Cells. Journal of Proteome Research, 2013, 12, 1282-1288.	1.8	11
355	The chemopreventive effect of \hat{l}^2 -cryptoxanthin from mandarin on human stomach cells (BGC-823). Food Chemistry, 2013, 136, 1122-1129.	4.2	30
356	Endothelial Nitric-oxide Synthase Activation Generates an Inducible Nitric-oxide Synthase-like Output of Nitric Oxide in Inflamed Endothelium. Journal of Biological Chemistry, 2013, 288, 4174-4193.	1.6	44
357	Adrenomedullin-RAMP2 System Is Crucially Involved in Retinal Angiogenesis. American Journal of Pathology, 2013, 182, 2380-2390.	1.9	17
358	The cell injury device: A high-throughput platform for traumatic brain injury research. Journal of Neuroscience Methods, 2013, 218, 1-8.	1.3	10
359	Long Noncoding RNA MALAT-1 is a New Potential Therapeutic Target for Castration Resistant Prostate Cancer. Journal of Urology, 2013, 190, 2278-2287.	0.2	292
360	Analysis and regulation of amoeboid-like cell motility using synthetic Ca2+-sensitive proteins. Cell Calcium, 2013, 53, 231-240.	1.1	8
361	A fluorescent spectroscopy and modelling analysis of anti-heparanase aptamers–serum protein interactions. Journal of Photochemistry and Photobiology B: Biology, 2013, 127, 68-77.	1.7	21
362	Oxidative stress plays a role in high glucose-induced activation of pancreatic stellate cells. Biochemical and Biophysical Research Communications, 2013, 439, 258-263.	1.0	32
363	The combination of the antiestrogen endoxifen with all-trans-retinoic acid has anti-proliferative and anti-migration effects on melanoma cells without inducing significant toxicity in non-neoplasic cells. European Journal of Pharmacology, 2013, 715, 354-362.	1.7	17
364	Histone deacetylase inhibition improved cardiac functions with direct antifibrotic activity in heart failure. International Journal of Cardiology, 2013, 168, 4178-4183.	0.8	82
365	Aging-Dependent Reduction in Glyoxalase 1 Delays Wound Healing. Gerontology, 2013, 59, 427-437.	1.4	53
366	Aptamer conjugated theragnostic multifunctional magnetic nanoparticles as a nanoplatform for pancreatic cancer therapy. RSC Advances, 2013, 3, 20579.	1.7	32

#	Article	IF	CITATIONS
367	Proinflammatory cytokines induce crosstalk between colonic epithelial cells and subepithelial myofibroblasts: Implication in intestinal fibrosis. Journal of Crohn's and Colitis, 2013, 7, 286-300.	0.6	68
368	Functional blockage of EMMPRIN ameliorates atherosclerosis in apolipoprotein E-deficient mice. International Journal of Cardiology, 2013, 168, 3248-3253.	0.8	13
369	Profiling pathwayâ€specific novel therapeutics in preclinical assessment for central nervous system atypical teratoid rhabdoid tumors (CNS ATRT): Favorable activity of targeting EGFR―ErbB2 signaling with lapatinib. Molecular Oncology, 2013, 7, 497-512.	2.1	35
370	The Involvement of Collagen Triple Helix Repeat Containing 1 in Muscular Dystrophies. American Journal of Pathology, 2013, 182, 905-916.	1.9	8
371	Novel MicroRNAs regulating proliferation and apoptosis in uterine papillary serous carcinomas. Cancer Letters, 2013, 335, 314-322.	3.2	8
372	Anti-angiogenic quassinoid-rich fraction from Eurycoma longifolia modulates endothelial cell function. Microvascular Research, 2013, 90, 30-39.	1.1	37
373	Study of the cellular mechanism of Sunitinib mediated inactivation of activated hepatic stellate cells and its implications in angiogenesis. European Journal of Pharmacology, 2013, 705, 86-95.	1.7	38
374	Overexpression of isocitrate dehydrogenase mutant proteins renders glioma cells more sensitive to radiation. Neuro-Oncology, 2013, 15, 57-68.	0.6	128
375	Type II diabetes promotes a myofibroblast phenotype in cardiac fibroblasts. Life Sciences, 2013, 92, 669-676.	2.0	68
376	Endogenous BTG2 expression stimulates migration of bladder cancer cells and correlates with poor clinical prognosis for bladder cancer patients. British Journal of Cancer, 2013, 108, 973-982.	2.9	31
377	S100A1 Deficiency Impairs Postischemic Angiogenesis Via Compromised Proangiogenic Endothelial Cell Function and Nitric Oxide Synthase Regulation. Circulation Research, 2013, 112, 66-78.	2.0	30
378	A novel regulator of angiogenesis in endothelial cells: 5-hydroxytriptamine 4 receptor. Angiogenesis, 2013, 16, 15-28.	3.7	18
379	FHL1 on chromosome X is a single-hit gastrointestinal tumor-suppressor gene and contributes to the formation of an epigenetic field defect. Oncogene, 2013, 32, 2140-2149.	2.6	39
380	Wnt3a mediated activation of Wnt/ \hat{l}^2 -catenin signaling promotes tumor progression in glioblastoma. Molecular and Cellular Neurosciences, 2013, 54, 44-57.	1.0	114
381	Rapamycin Prevents Seizures After Depletion of STRADA in a Rare Neurodevelopmental Disorder. Science Translational Medicine, 2013, 5, 182ra53.	5.8	99
382	In vitro cell migration and invasion assays. Mutation Research - Reviews in Mutation Research, 2013, 752, 10-24.	2.4	605
383	Fast astrocyte isolation by sedimentation field flow fractionation. Journal of Chromatography A, 2013, 1289, 88-93.	1.8	11
384	IL-6 Expression Regulates Tumorigenicity and Correlates with Prognosis in Bladder Cancer. PLoS ONE, 2013, 8, e61901.	1.1	94

#	Article	IF	CITATIONS
385	A Random Motility Assay Based on Image Correlation Spectroscopy. Biophysical Journal, 2013, 104, 2362-2372.	0.2	2
386	Knockdown of aberrantly upregulated aryl hydrocarbon receptor reduces tumor growth and metastasis of MDAâ€MBâ€231 human breast cancer cell line. International Journal of Cancer, 2013, 133, 2769-2780.	2.3	58
387	Quercetin induces cytochromeâ€c release and <scp>ROS</scp> accumulation to promote apoptosis and arrest the cell cycle in G2/M, in cervical carcinoma: signal cascade and drugâ€DNA interaction. Cell Proliferation, 2013, 46, 153-163.	2.4	139
388	Activated α ₂ â€macroglobulin induces Müller glial cell migration by regulating MT1â€MMP activity through LRP1. FASEB Journal, 2013, 27, 3181-3197.	0.2	33
389	Cross talk between cancer and immune cells: exploring complex dynamics in a microfluidic environment. Lab on A Chip, 2013, 13, 229-239.	3.1	126
390	Photoâ€Activatable Surfaces for Cell Migration Assays. Advanced Functional Materials, 2013, 23, 5974-5980.	7.8	55
391	Probing the mechanical properties of brain cancer cells using a microfluidic cell squeezer device. Biomicrofluidics, 2013, 7, 11806.	1.2	53
392	Piperine, a dietary phytochemical, inhibits angiogenesis. Journal of Nutritional Biochemistry, 2013, 24, 231-239.	1.9	89
393	Benchmark for multi-cellular segmentation of bright field microscopy images. BMC Bioinformatics, 2013, 14, 319.	1.2	11
394	In vitro myoblast motility models: investigating migration dynamics for the study of skeletal muscle repair. Journal of Muscle Research and Cell Motility, 2013, 34, 333-347.	0.9	32
395	Crucial Role of ROCK2 in Vascular Smooth Muscle Cells for Hypoxia-Induced Pulmonary Hypertension in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2780-2791.	1.1	102
396	Mesenchymal stem cell-conditioned medium accelerates regeneration of human renal proximal tubule epithelial cells after gentamicin toxicity. Experimental and Toxicologic Pathology, 2013, 65, 595-600.	2.1	46
397	Suppression of growth and migration by blocking the hedgehog signaling pathway in gastric cancer cells. Cellular Oncology (Dordrecht), 2013, 36, 421-435.	2.1	57
398	Multiple Functional Effects of RET Kinase Domain Sequence Variants in Hirschsprung Disease. Human Mutation, 2013, 34, 132-142.	1.1	20
399	Hydrogen sulfide prevents H2O2-induced senescence in human umbilical vein endothelial cells through SIRT1 activation. Molecular Medicine Reports, 2013, 7, 1865-1870.	1.1	78
400	Vascular tumors have increased p70 S6-kinase activation and are inhibited by topical rapamycin. Laboratory Investigation, 2013, 93, 1115-1127.	1.7	39
401	Chip-scale fluorescence microscope based on a silo-filter complementary metal-oxide semiconductor image sensor. Optics Letters, 2013, 38, 1817.	1.7	20
402	ALKBH4-dependent demethylation of actin regulates actomyosin dynamics. Nature Communications, 2013, 4, 1832.	5.8	76

#	Article	IF	CITATIONS
403	Nrf2 signalling promotes ex vivo tubular epithelial cell survival and regeneration via murine double minute (MDM)-2. Nephrology Dialysis Transplantation, 2013, 28, 2028-2037.	0.4	24
404	Beyond the Limits of Oxygen: Effects of Hypoxia in a Hormone-Independent Prostate Cancer Cell Line. ISRN Oncology, 2013, 2013, 1-8.	2.1	10
405	Real-Time PCR and Immunocytochemical Study of Chondroitin Sulfate Proteoglycans after Scratch Wounding in Cultured Astrocytes / PCR I IMUNOCITOHEMIJSKA STUDIJA EKSPRESIJE HONDROITIN-SULFATNIH PROTEOGLIKANA NAKON POVREDE ASTROCITA U KULTURI. Journal of Medical Biochemistry, 2013, 32, 398-405.	0.7	1
406	Down-regulation of MTA1 protein leads to the inhibition of migration, invasion, and angiogenesis of non-small-cell lung cancer cell line. Acta Biochimica Et Biophysica Sinica, 2013, 45, 115-122.	0.9	15
407	\hat{l}^21 Integrin Targeting Potentiates Antiangiogenic Therapy and Inhibits the Growth of Bevacizumab-Resistant Glioblastoma. Cancer Research, 2013, 73, 3145-3154.	0.4	140
408	Pro-apoptotic and migration-suppressing potential of EGCG, and the involvement of AMPK in the p53-mediated modulation of VEGF and MMP-9 expression. Oncology Letters, 2013, 6, 1346-1350.	0.8	15
409	Inhibition of NF-κB by Dehydroxymethylepoxyquinomicin Suppresses Invasion and Synergistically Potentiates Temozolomide and γ-Radiation Cytotoxicity in Glioblastoma Cells. Chemotherapy Research and Practice, 2013, 2013, 1-16.	1.6	24
410	Revealing the Mechanism of <i>In Vitro </i> Wound Healing Properties of <i>Citrus tamurana </i> Extract. BioMed Research International, 2013, 2013, 1-8.	0.9	32
411	PDGF-mediated autophagy regulates vascular smooth muscle cell phenotype and resistance to oxidative stress. Biochemical Journal, 2013, 451, 375-388.	1.7	175
412	Aneuploidy, oncogene amplification and epithelial to mesenchymal transition define spontaneous transformation of murine epithelial cells. Carcinogenesis, 2013, 34, 1929-1939.	1.3	11
413	CellMissy: a tool for management, storage and analysis of cell migration data produced in wound healing-like assays. Bioinformatics, 2013, 29, 2661-2663.	1.8	12
414	A simple method for using silicone elastomer masks for quantitative analysis of cell migration without cellular damage or substrate disruption. Cell Adhesion and Migration, 2013, 7, 479-485.	1.1	8
415	Recovery of Senescent Endothelial Cells From Injury. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2013, 68, 250-257.	1.7	25
416	Wound healing assay in a low-cost microfluidic platform. Journal of Physics: Conference Series, 2013, 477, 012035.	0.3	4
417	Complex Systems and Computational Biology Approaches to Acute Inflammation. , 2013, , .		10
418	FOXO1 promotes wound healing through the up-regulation of TGF- \hat{l}^21 and prevention of oxidative stress. Journal of Cell Biology, 2013, 203, 327-343.	2.3	142
419	Effects of Simultaneous Knockdown of HER2 and PTK6 on Malignancy and Tumor Progression in Human Breast Cancer Cells. Molecular Cancer Research, 2013, 11, 381-392.	1.5	22
420	ADAM17 Transactivates EGFR Signaling during Embryonic Eyelid Closure. , 2013, 54, 132.		12

#	Article	IF	CITATIONS
421	Selective Recapitulation of Conserved and Nonconserved Regions of Putative NOXA1 Protein Activation Domain Confers Isoform-specific Inhibition of Nox1 Oxidase and Attenuation of Endothelial Cell Migration. Journal of Biological Chemistry, 2013, 288, 36437-36450.	1.6	68
422	Activation of Cardiac Fibroblasts by Ethanol Is Blocked by <scp>TGF</scp> â€Î² Inhibition. Alcoholism: Clinical and Experimental Research, 2013, 37, 1286-1294.	1.4	23
423	<i>In Vitro</i> Wound Healing Potential and Identification of Bioactive Compounds from <i>Moringa oleifera</i> Lam. BioMed Research International, 2013, 2013, 1-10.	0.9	83
424	Hepatocyte Growth Factor-Loaded Biomaterials for Mesenchymal Stem Cell Recruitment. Stem Cells International, 2013, 2013, 1-9.	1.2	27
425	Visualizing and Manipulating Focal Adhesion Kinase Regulation in Live Cells. Journal of Biological Chemistry, 2013, 288, 8875-8886.	1.6	34
426	Tumor suppressor miR-375 regulates MYC expression via repression of CIP2A coding sequence through multiple miRNA–mRNA interactions. Molecular Biology of the Cell, 2013, 24, 1638-1648.	0.9	87
427	Antitumor effects of Endostar on non-Hodgkin's lymphoma by regulating endothelial progenitor cells through protein kinase B-dependent pathway. Acta Biochimica Et Biophysica Sinica, 2013, 45, 742-748.	0.9	3
428	A simple microfluidic strategy for cell migration assay in an in vitro woundâ€healing model. Wound Repair and Regeneration, 2013, 21, 897-903.	1.5	27
429	Diesel Exhaust Particles Induce Aberrant Alveolar Epithelial Directed Cell Movement by Disruption of Polarity Mechanisms. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2013, 76, 71-85.	1.1	13
430	Chlamydia trachomatisinfection prevents front-rear polarity of migrating HeLa cells. Cellular Microbiology, 2013, 15, 1059-1069.	1.1	9
431	Effects of low concentrations of Regorafenib and Sorafenib on human HCC cell AFP, migration, invasion, and growth in vitro. Journal of Cellular Physiology, 2013, 228, 1344-1350.	2.0	51
432	Aqueous Twoâ€Phase System Patterning of Microbubbles: Localized Induction of Apoptosis in Sonoporated Cells. Advanced Functional Materials, 2013, 23, 3420-3431.	7.8	13
433	Delayed Intranasal Delivery of Hypoxic-Preconditioned Bone Marrow Mesenchymal Stem Cells Enhanced Cell Homing and Therapeutic Benefits after Ischemic Stroke in Mice. Cell Transplantation, 2013, 22, 977-991.	1.2	163
434	Wound healing revised: A novel reepithelialization mechanism revealed by in vitro and in silico models. Journal of Cell Biology, 2013, 203, 691-709.	2.3	137
435	Angiogenic Effects of Danshen and Gegen Decoction on Human Endothelial Cells and Zebrafish Embryos. The American Journal of Chinese Medicine, 2013, 41, 887-900.	1.5	4
436	Activator Protein-1 Inhibition by 3-[(Dodecylthiocarbonyl)Methyl]-Glutamaride Impairs Invasion and Radiosensitizes Osteosarcoma Cells In Vitro. Cancer Biotherapy and Radiopharmaceuticals, 2013, 28, 351-358.	0.7	1
437	Reestablishment of the Endothelial Lining by Endothelial Cell Therapy Stabilizes Experimental Abdominal Aortic Aneurysms. Circulation, 2013, 127, 1877-1887.	1.6	52
438	Calcium-dependent N-cadherin up-regulation mediates reactive astrogliosis and neuroprotection after brain injury. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11612-11617.	3.3	141

#	Article	IF	CITATIONS
439	Oncogenic but non-essential role of N-myc downstream regulated gene 1 in the progression of esophageal squamous cell carcinoma. Cancer Biology and Therapy, 2013, 14, 164-174.	1.5	14
440	Lentivirus-mediated shRNA targeting of cyclin D1 enhances the chemosensitivity of human gastric cancer to 5-fluorouracil. International Journal of Oncology, 2013, 43, 2007-2014.	1.4	21
441	â€~Decoy' and â€~non-decoy' functions of DcR3 promote malignant potential in human malignant fibrous histiocytoma cells. International Journal of Oncology, 2013, 43, 703-712.	1.4	14
442	Targeted therapy against EGFR and VEGFR using ZD6474 enhances the therapeutic potential of UV-B phototherapy in breast cancer cells. Molecular Cancer, 2013, 12, 122.	7.9	16
443	Lowâ€Rac1 activity downregulates MC3T3‣1 osteoblastic cell motility on a nanoscale topography prepared on polystyrene substrates <i>in vitro</i> . Journal of Biomedical Materials Research - Part A, 2013, 101A, 1629-1636.	2.1	9
444	Neurotrophin-3 Accelerates Wound Healing in Diabetic Mice by Promoting a Paracrine Response in Mesenchymal Stem Cells. Cell Transplantation, 2013, 22, 1011-1021.	1.2	66
445	Sonic hedgehog inhibition reduces in vitro tumorigenesis and alters expression of Gli1-target genes in a desmoplastic medulloblastoma cell line. Journal of Cancer Research & Therapy, 2013, 1, 11-23.	0.1	3
446	Cancer upregulated gene 2, a novel oncogene, enhances migration and drug resistance of colon cancer cells via STAT1 activation. International Journal of Oncology, 2013, 43, 1111-1116.	1.4	35
447	In vitro study on the feasibility of magnetic stent hyperthermia for the treatment of cardiovascular restenosis. Experimental and Therapeutic Medicine, 2013, 6, 347-354.	0.8	17
448	In Vitro Biomechanical Strain Regulation of Fibroblast Wound Healing. Journal of Osteopathic Medicine, 2013, 113, 806-818.	0.4	13
449	MiR-221 and miR-130a Regulate Lung Airway and Vascular Development. PLoS ONE, 2013, 8, e55911.	1.1	46
450	Promyelocytic Leukemia (PML) Protein Plays Important Roles in Regulating Cell Adhesion, Morphology, Proliferation and Migration. PLoS ONE, 2013, 8, e59477.	1.1	16
451	CARP-1 Functional Mimetics: A Novel Class of Small Molecule Inhibitors of Medulloblastoma Cell Growth. PLoS ONE, 2013, 8, e66733.	1.1	19
452	Pharmacological Inhibition of polysialyltransferase ST8Siall Modulates Tumour Cell Migration. PLoS ONE, 2013, 8, e73366.	1.1	47
453	Downregulation of CD9 in Keratinocyte Contributes to Cell Migration via Upregulation of Matrix Metalloproteinase-9. PLoS ONE, 2013, 8, e77806.	1.1	24
454	FABP4 Induces Vascular Smooth Muscle Cell Proliferation and Migration through a MAPK-Dependent Pathway. PLoS ONE, 2013, 8, e81914.	1.1	51
455	The NF-κB RelB Protein Is an Oncogenic Driver of Mesenchymal Glioma. PLoS ONE, 2013, 8, e57489.	1.1	52
456	Cyr61 is a target for heparin in reducing MV3 melanoma cell adhesion and migration via the integrin VLA-4. Thrombosis and Haemostasis, 2013, 110, 1046-1054.	1.8	17

#	Article	IF	CITATIONS
457	Cyclodextrin Formulation of the Marine Natural Product Pseudopterosin A Uncovers Optimal Pharmacodynamics in Proliferation Studies of Human Umbilical Vein Endothelial Cells. Marine Drugs, 2013, 11, 3258-3271.	2.2	12
458	3-Bromo-1-Hydroxy-9,10-Anthraquinone (BHAQ) Inhibits Growth and Migration of the Human Breast Cancer Cell Lines MCF-7 and MDA-MB231. Molecules, 2013, 18, 10367-10377.	1.7	32
459	Astragaloside IV Stimulates Angiogenesis and Increases Nitric Oxide Accumulation via JAK2/STAT3 and ERK1/2 Pathway. Molecules, 2013, 18, 12809-12819.	1.7	60
460	Tetracycline and Glutathione Inhibit Matrix Metalloproteinase Activity: An In Vitro Study Using Culture Supernatants of L929 and Dalton Lymphoma Cell Lines. Journal of Cancer Research, 2013, 2013, 1-5.	0.7	5
461	Cancer-Suppressive Potential of Extracts of Endemic Plant Helichrysum Zivojinii: Effects on Cell Migration, Invasion and Angiogenesis. Natural Product Communications, 2013, 8, 1934578X1300800.	0.2	4
462	Luminescent Dual Sensors Reveal Extracellular pH-Gradients and Hypoxia on Chronic Wounds That Disrupt Epidermal Repair. Theranostics, 2014, 4, 721-735.	4.6	117
463	miR-141 and miR-200c as Markers of Overall Survival in Early Stage Non-Small Cell Lung Cancer Adenocarcinoma. PLoS ONE, 2014, 9, e101899.	1.1	124
464	Gas6 Stimulates Angiogenesis of Human Retinal Endothelial Cells and of Zebrafish Embryos via ERK1/2 Signaling. PLoS ONE, 2014, 9, e83901.	1.1	30
465	CARP-1 Functional Mimetics Are a Novel Class of Small Molecule Inhibitors of Malignant Pleural Mesothelioma Cells. PLoS ONE, 2014, 9, e89146.	1.1	17
466	Preclinical Therapeutic Potential of a Nitrosylating Agent in the Treatment of Ovarian Cancer. PLoS ONE, 2014, 9, e97897.	1.1	20
467	Flavokawain A Induces Apoptosis in MCF-7 and MDA-MB231 and Inhibits the Metastatic Process In Vitro. PLoS ONE, 2014, 9, e105244.	1.1	61
468	Fibronectin Affects Transient MMP2 Gene Expression through DNA Demethylation Changes in Non-Invasive Breast Cancer Cell Lines. PLoS ONE, 2014, 9, e105806.	1.1	23
469	Pan-Bcl-2 Inhibitor Obatoclax Delays Cell Cycle Progression and Blocks Migration of Colorectal Cancer Cells. PLoS ONE, 2014, 9, e106571.	1.1	26
470	Quantitative Stain-Free and Continuous Multimodal Monitoring of Wound Healing In Vitro with Digital Holographic Microscopy. PLoS ONE, 2014, 9, e107317.	1.1	78
471	SMAD4 Regulates Cell Motility through Transcription of N-Cadherin in Human Pancreatic Ductal Epithelium. PLoS ONE, 2014, 9, e107948.	1.1	31
472	Pharmacologic Inhibition of MLK3 Kinase Activity Blocks the In Vitro Migratory Capacity of Breast Cancer Cells but Has No Effect on Breast Cancer Brain Metastasis in a Mouse Xenograft Model. PLoS ONE, 2014, 9, e108487.	1.1	9
473	Mannose Phosphate Isomerase Regulates Fibroblast Growth Factor Receptor Family Signaling and Glioma Radiosensitivity. PLoS ONE, 2014, 9, e110345.	1.1	14
474	Piperlongumine Inhibits Migration of Glioblastoma Cells via Activation of ROS-Dependent p38 and JNK Signaling Pathways. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-12.	1.9	53

#	Article	IF	CITATIONS
475	Mechanisms of Neuroblastoma Cell Growth Inhibition by CARP-1 Functional Mimetics. PLoS ONE, 2014, 9, e102567.	1.1	12
476	Brazilian Red Propolis Induces Apoptosis-Like Cell Death and Decreases Migration Potential in Bladder Cancer Cells. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-13.	0.5	52
477	Astaxanthin Inhibits JAK/STAT-3 Signaling to Abrogate Cell Proliferation, Invasion and Angiogenesis in a Hamster Model of Oral Cancer. PLoS ONE, 2014, 9, e109114.	1.1	120
478	Anti-proliferative and angio-suppressive effect of <i>Stoechospermum marginatum </i> (C. Agardh) Kutzing extract using various experimental models. Nutrition Research and Practice, 2014, 8, 377.	0.7	5
479	Lidocaine Potentiates the Deleterious Effects of Triamcinolone Acetonide on Tenocytes. Medical Science Monitor, 2014, 20, 2478-2483.	0.5	10
480	Insights from Ayurveda for translational stem cell research. Journal of Ayurveda and Integrative Medicine, 2014, 5, 4.	0.9	15
482	Wound healing properties and mucilage content of Pereskia aculeata from different substrates. Revista Brasileira De Farmacognosia, 2014, 24, 677-682.	0.6	25
483	Procaspase-3 regulates fibronectin secretion and influences adhesion, migration and survival independent of catalytic function. Journal of Cell Science, 2014, 127, 2217-26.	1.2	27
484	Arterial territory-specific phosphorylated retinoblastoma protein species and CDK2 promote differences in the vascular smooth muscle cell response to mitogens. Cell Cycle, 2014, 13, 315-323.	1.3	12
485	Myeloid-Derived Suppressor Cells Are Involved in Lysosomal Acid Lipase Deficiency–Induced Endothelial Cell Dysfunctions. Journal of Immunology, 2014, 193, 1942-1953.	0.4	21
486	Transcriptome sequencing reveals differences between anagen and telogen secondary hair follicle-derived dermal papilla cells of the Cashmere goat (<i>Capra hircus</i>). Physiological Genomics, 2014, 46, 104-111.	1.0	13
487	A novel hypoxia-associated subset of FN1highMITFlow melanoma cells: identification, characterization, and prognostic value. Modern Pathology, 2014, 27, 1088-1100.	2.9	20
488	Knockdown of astrocyte elevated gene-1 (AEG-1) in cervical cancer cells decreases their invasiveness, epithelial to mesenchymal transition, and chemoresistance. Cell Cycle, 2014, 13, 1702-1707.	1.3	52
489	The splicing activator DAZAP1 integrates splicing control into MEK/Erk-regulated cell proliferation and migration. Nature Communications, 2014, 5, 3078.	5.8	55
490	Chondroitin/dermatan 2-O sulfotransferase potentiates Fgf2 induced cell migration. Journal of Cell Science, 2014, 128, 460-71.	1.2	7
491	Propagating Waves of Directionality and Coordination Orchestrate Collective Cell Migration. PLoS Computational Biology, 2014, 10, e1003747.	1.5	43
492	The diabetic proximal tubule: part of the problem, and part of the solution?. American Journal of Physiology - Renal Physiology, 2014, 307, F147-F148.	1.3	1
493	Nephronophthisis-Associated CEP164 Regulates Cell Cycle Progression, Apoptosis and Epithelial-to-Mesenchymal Transition. PLoS Genetics, 2014, 10, e1004594.	1.5	73

#	Article	IF	CITATIONS
494	TFIIB-Related Factor 2 Is Associated with Poor Prognosis of Nonsmall Cell Lung Cancer Patients through Promoting Tumor Epithelial-Mesenchymal Transition. BioMed Research International, 2014, 2014, 1-13.	0.9	21
495	Radioprotective effect of epicatechin in cultured human fibroblasts and zebrafish. Journal of Radiation Research, 2014, 55, 32-40.	0.8	23
496	NFAT5-mediated expression of S100A4 contributes to proliferation and migration of renal carcinoma cells. Frontiers in Physiology, 2014, 5, 293.	1.3	56
497	Suberoylanilide hydroxamic acid suppresses inflammation-induced neovascularization. Canadian Journal of Physiology and Pharmacology, 2014, 92, 879-885.	0.7	19
498	Evaluation of Wound Closure Activity of <i>Nigella sativa </i> , <i>Melastoma malabathricum </i> , <i>Pluchea indica </i> , and <i>Piper sarmentosum </i> Extracts on Scratched Monolayer of Human Gingival Fibroblasts. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-9.	0.5	35
499	Dihydroartemisinin inhibits vascular endothelial growth factor-induced endothelial cell migration by a p38 mitogen-activated protein kinase-independent pathway. Experimental and Therapeutic Medicine, 2014, 8, 1707-1712.	0.8	31
500	The Wilms' tumour suppressor Wt1 is a major regulator of tumour angiogenesis and progression. Nature Communications, 2014, 5, 5852.	5.8	82
501	Gold nanoparticle loaded phytosomal systems: synthesis, characterization and in vitro investigations. RSC Advances, 2014, 4, 34687-34695.	1.7	33
502	Sensory Neurons Accelerate Skin Reepithelialization via Substance P in an Innervated Tissue-Engineered Wound Healing Model. Tissue Engineering - Part A, 2014, 20, 2180-2188.	1.6	46
503	Epithelial Wound Healing on Keratin Film, Amniotic Membrane and Polystyrene <i>In Vitro</i> Eye Research, 2014, 39, 561-570.	0.7	32
504	Antiâ€CD73 therapy impairs tumor angiogenesis. International Journal of Cancer, 2014, 134, 1466-1473.	2.3	135
505	lbuprofen inhibits migration and proliferation of human coronary artery smooth muscle cells by inducing a differentiated phenotype: role of peroxisome proliferator-activated receptor \hat{l}^3 . Journal of Pharmacy and Pharmacology, 2014, 66, 779-792.	1.2	5
506	Icm/Dot-dependent inhibition of phagocyte migration byLegionellais antagonized by a translocated Ran GTPase activator. Cellular Microbiology, 2014, 16, n/a-n/a.	1.1	52
507	The saponin DT-13 inhibits gastric cancer cell migration through down-regulation of CCR5-CCL5 axis. Chinese Journal of Natural Medicines, 2014, 12, 833-840.	0.7	24
508	Comprehensive proteomic analysis of a Chinese 2â€herb formula (Astragali Radix and Rehmanniae Radix) on mature endothelial cells. Proteomics, 2014, 14, 2089-2103.	1.3	7
509	Maternal embryonic leucine zipper kinase regulates pancreatic ductal, but not \hat{l}^2 -cell, regeneration. Physiological Reports, 2014, 2, e12131.	0.7	7
510	A Novel Controllable Hydrogen Sulfide-Releasing Molecule Protects Human Skin Keratinocytes Against Methylglyoxal-Induced Injury and Dysfunction. Cellular Physiology and Biochemistry, 2014, 34, 1304-1317.	1.1	45
511	A reconstructed metastasis model to recapitulate the metastatic spread in vitro. Biotechnology Journal, 2014, 9, 1129-1139.	1.8	8

#	Article	IF	Citations
512	Plasma Stimulation of Migration of Macrophages. Plasma Processes and Polymers, 2014, 11, 1193-1197.	1.6	65
513	Activation of Erk and p53 regulates copper oxide nanoparticle-induced cytotoxicity in keratinocytes and fibroblasts. International Journal of Nanomedicine, 2014, 9, 4763.	3.3	46
514	SPOP suppresses tumorigenesis by regulating Hedgehog/Gli2 signaling pathway in gastric cancer. Journal of Experimental and Clinical Cancer Research, 2014, 33, 75.	3.5	55
515	Corneal Wound Healing Promoted by 3 Blood Derivatives. Cornea, 2014, 33, 614-620.	0.9	48
516	5-epi-Torrubiellutin C shows antiproliferative activity on DU145 prostate cancer cells through inactivation of the AKT/mTOR pathway. Anti-Cancer Drugs, 2014, 25, 385-392.	0.7	4
517	RhoA/Phosphatidylinositol 3-Kinase/Protein Kinase B/Mitogen-Activated Protein Kinase Signaling after Growth Arrestâe Specific Protein 6/Mer Receptor Tyrosine Kinase Engagement Promotes Epithelial Cell Growth and Wound Repair via Upregulation of Hepatocyte Growth Factor in Macrophages. Journal of Pharmacology and Experimental Therapeutics. 2014, 350, 563-577.	1.3	12
518	Statins Enhance Rotator Cuff Healing by Stimulating the COX2/PGE2/EP4 Pathway. American Journal of Sports Medicine, 2014, 42, 2869-2876.	1.9	50
519	ILâ \in 1 $\hat{1}^2$ microenvironment promotes proliferation, migration, and invasion of human glioma cells. Cell Biology International, 2014, 38, 1415-1422.	1.4	59
520	Histone methyltransferase SETDB1 is required for prostate cancer cell proliferation, migration and invasion. Asian Journal of Andrology, 2014, 16, 319.	0.8	49
521	Lacritin-mediated regeneration of the corneal epithelia by protein polymer nanoparticles. Journal of Materials Chemistry B, 2014, 2, 8131-8141.	2.9	43
522	Protective effects of Korean red ginseng against radiation-induced apoptosis in human HaCaT keratinocytes. Journal of Radiation Research, 2014, 55, 245-256.	0.8	26
523	NRF2 immunolocalization in human breast cancer patients as a prognostic factor. Endocrine-Related Cancer, 2014, 21, 241-252.	1.6	55
524	PKN1 modulates TGFß and EGF signaling in HEC-1-A endometrial cancer cell line. OncoTargets and Therapy, 2014, 7, 1397.	1.0	3
525	Long noncoding RNA HOTTIP/HOXA13 expression is associated with disease progression and predicts outcome in hepatocellular carcinoma patients. Hepatology, 2014, 59, 911-923.	3.6	382
526	Tirofiban induces VEGF production and stimulates migration and proliferation of endothelial cells. Vascular Pharmacology, 2014, 61, 63-71.	1.0	29
527	9-Hydroxypheophorbide $\hat{l}\pm$ -mediated photodynamic therapy induces matrix metalloproteinase-2 (MMP-2) and MMP-9 down-regulation in Hep-2 cells via ROS-mediated suppression of the ERK pathway. Photodiagnosis and Photodynamic Therapy, 2014, 11, 55-62.	1.3	14
528	Requirement of phosphorylatable endothelial nitric oxide synthase at Ser-1177 for vasoinhibin-mediated inhibition of endothelial cell migration and proliferation in vitro. Endocrine, 2014, 45, 263-270.	1.1	8
529	Skin extracellular matrix components accelerate the regenerative potential of Linâ^ cells. Open Life Sciences, 2014, 9, 367-373.	0.6	1

#	Article	IF	CITATIONS
530	Sodium taurocholate cotransporting polypeptide mediates dual actions of deoxycholic acid in human hepatocellular carcinoma cells: enhanced apoptosis versus growth stimulation. Journal of Cancer Research and Clinical Oncology, 2014, 140, 133-144.	1.2	12
531	Altered miRNA expression profiles are involved in the protective effects of troxerutin against ultraviolet B radiation in normal human dermal fibroblasts. International Journal of Molecular Medicine, 2014, 33, 957-963.	1.8	11
532	Cytokines secreted by macrophages isolated from tumor microenvironment of inflammatory breast cancer patients possess chemotactic properties. International Journal of Biochemistry and Cell Biology, 2014, 46, 138-147.	1.2	76
533	Wound healing potential of a dimeric InlB variant analyzed by in vitro experiments on re-epithelialization of human skin models. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 86, 277-283.	2.0	16
534	The regulatory peptide pidotimod facilitates M2 macrophage polarization and its function. Amino Acids, 2014, 46, 1177-1185.	1.2	13
535	Inhibitory Activities of Trichostatin A in U87 Glioblastoma Cells and Tumorsphere-Derived Cells. Journal of Molecular Neuroscience, 2014, 54, 27-40.	1.1	14
536	XIAP inhibitor and antiestrogen embelin abrogates metastasis and augments apoptosis in estrogen receptor positive human breast adenocarcinoma cell line MCF-7. Molecular Biology Reports, 2014, 41, 935-946.	1.0	12
537	Characterization of CD44 variant expression in head and neck squamous cell carcinomas. Tumor Biology, 2014, 35, 2053-2062.	0.8	28
538	Mechanism-based inhibition of cancer metastasis with (â^')-epigallocatechin gallate. Biochemical and Biophysical Research Communications, 2014, 443, 1-6.	1.0	58
539	Panax notoginseng saponins (PNS) inhibits breast cancer metastasis. Journal of Ethnopharmacology, 2014, 154, 663-671.	2.0	66
540	Copper(II) complexes of piperazine based ligand: Synthesis, crystal structure, protein binding and evaluation of anti-cancerous therapeutic potential. Inorganica Chimica Acta, 2014, 418, 30-41.	1.2	19
541	Nanofiberâ€expanded human umbilical cord blood–derived <scp>CD</scp> 34 ⁺ cell therapy accelerates cutaneous wound closure in <scp>NOD</scp> / <scp>SCID</scp> mice. Journal of Cellular and Molecular Medicine, 2014, 18, 685-697.	1.6	18
542	Techniques and Methodological Approaches in Breast Cancer Research. , 2014, , .		12
543	Intracellular Delivery II. Fundamental Biomedical Technologies, 2014, , .	0.2	7
544	Periostin increases migration and proliferation of human periodontal ligament fibroblasts challenged by tumor necrosis factor ‱ and ⟨i⟩Porphyromonas ⟨ i⟩⟨i⟩⟨sipgivalis ⟨ i⟩⟨scp⟩ lipopolysaccharides⟨ scp⟩ . Journal of Periodontal Research, 2014, 49, 405-414.	1.4	51
545	Role of Retinal Pigment Epithelial Cell \hat{l}^2 -Catenin Signaling in Experimental Proliferative Vitreoretinopathy. American Journal of Pathology, 2014, 184, 1419-1428.	1.9	30
546	Simplified Pretubulysin Derivatives and Their Biological Effects on Cancer Cells. Journal of Natural Products, 2014, 77, 536-542.	1.5	21
547	Specific cell targeting with APRPG conjugated PEG–PLGA nanoparticles for treating ovarian cancer. Biomaterials, 2014, 35, 983-992.	5.7	49

#	Article	IF	CITATIONS
548	Targeting hepatocyte growth factor receptor (Met) positive tumor cells using internalizing nanobody-decorated albumin nanoparticles. Biomaterials, 2014, 35, 601-610.	5.7	72
549	The effect of a thieno [2,3-b] pyridine PLC- \hat{l}^3 inhibitor on the proliferation, morphology, migration and cell cycle of breast cancer cells. MedChemComm, 2014, 5, 99-106.	3.5	36
550	CHIP/Stub1 functions as a tumor suppressor and represses NF-ÂB-mediated signaling in colorectal cancer. Carcinogenesis, 2014, 35, 983-991.	1.3	78
551	miR-145 functions as tumor suppressor and targets two oncogenes, ANGPT2 and NEDD9, in renal cell carcinoma. Journal of Cancer Research and Clinical Oncology, 2014, 140, 387-397.	1.2	71
552	The miR-106bâ^1⁄425 cluster promotes bypass of doxorubicin-induced senescence and increase in motility and invasion by targeting the E-cadherin transcriptional activator EP300. Cell Death and Differentiation, 2014, 21, 462-474.	5.0	75
553	Analysis of microglial migration by a micropipette assay. Nature Protocols, 2014, 9, 491-500.	5.5	22
554	Niacin receptor activation improves human microvascular endothelial cell angiogenic function during lipotoxicity. Atherosclerosis, 2014, 237, 696-704.	0.4	27
555	RhoA/Rho kinase mediates TGF- \hat{l}^2 (sub>1-induced kidney myofibroblast activation through Poldip2/Nox4-derived reactive oxygen species. American Journal of Physiology - Renal Physiology, 2014, 307, F159-F171.	1.3	112
556	Anti-angiogenic effects of trabectedin (Yondelis; ET-743) on human breast cancer cells. European Cytokine Network, 2014, 25, 1-7.	1.1	26
557	Natural product inhibitors of ocular angiogenesis. Experimental Eye Research, 2014, 129, 161-171.	1.2	71
558	Preclinical activity of multiple-target gold(III)-dithiocarbamato peptidomimetics in prostate cancer cells and xenografts. Future Medicinal Chemistry, 2014, 6, 1249-1263.	1.1	15
559	Fusarisetins: structure–function studies on a novel class of cell migration inhibitors. Organic Chemistry Frontiers, 2014, 1, 135.	2.3	14
560	Proliferation and migration of human vascular endothelial cells mediated by ZNF580 gene complexed with mPEG-b-P(MMD-co-GA)-g-PEI microparticles. Journal of Materials Chemistry B, 2014, 2, 1825.	2.9	43
561	Largazole, an inhibitor of class I histone deacetylases, attenuates inflammatory corneal neovascularization. European Journal of Pharmacology, 2014, 740, 619-626.	1.7	21
562	Prostate cancer cell malignancy via modulation of HIF- $1\hat{l}\pm$ pathway with isoflurane and propofol alone and in combination. British Journal of Cancer, 2014, 111, 1338-1349.	2.9	203
563	Layered silicate clay functionalized with amino acids: wound healing application. RSC Advances, 2014, 4, 35332-35343.	1.7	42
564	HepG2 cells recovered from apoptosis show altered drug responses and invasiveness. Hepatobiliary and Pancreatic Diseases International, 2014, 13, 293-300.	0.6	8
565	Nanovesicles engineered from ES cells for enhanced cell proliferation. Biomaterials, 2014, 35, 9302-9310.	5.7	68

#	Article	IF	CITATIONS
567	Effects of the combination of TRC105 and bevacizumab on endothelial cell biology. Investigational New Drugs, 2014, 32, 851-859.	1.2	40
568	Functional differentiation of RAMP2 and RAMP3 in their regulation of the vascular system. Journal of Molecular and Cellular Cardiology, 2014, 77, 73-85.	0.9	32
569	Endothelial Cell-Secreted EGF Induces Epithelial to Mesenchymal Transition and Endows Head and Neck Cancer Cells with Stem-like Phenotype. Cancer Research, 2014, 74, 2869-2881.	0.4	115
570	Characterization of phytochemicals and evaluation of anti-cancer potential of Blumea eriantha DC Physiology and Molecular Biology of Plants, 2014, 20, 475-486.	1.4	16
571	Back Pocket Flexibility Provides Group II p21-Activated Kinase (PAK) Selectivity for Type I 1/2 Kinase Inhibitors. Journal of Medicinal Chemistry, 2014, 57, 1033-1045.	2.9	50
572	IL-6 as a corneal wound healing mediator in an inÂvitro scratch assay. Experimental Eye Research, 2014, 125, 183-192.	1.2	79
573	Synthesis, Antimitotic and Antivascular Activity of 1-(3′,4′,5′-Trimethoxybenzoyl)-3-arylamino-5-amino-1,2,4-triazoles. Journal of Medicinal Chemistry, 2014, 6795-6808.	<i>527</i> 9	52
574	Synergistic Simvastatin and Metformin Combination Chemotherapy for Osseous Metastatic Castration-Resistant Prostate Cancer. Molecular Cancer Therapeutics, 2014, 13, 2288-2302.	1.9	60
575	Mechano growth factor E peptide regulates migration and differentiation of bone marrow mesenchymal stem cells. Journal of Molecular Endocrinology, 2014, 52, 111-120.	1.1	33
576	Reciprocal activation between ATPase inhibitory factor 1 and NF-κB drives hepatocellular carcinoma angiogenesis and metastasis. Hepatology, 2014, 60, 1659-1673.	3.6	123
577	Threeâ€Dimensional Paperâ€Based Model for Cardiac Ischemia. Advanced Healthcare Materials, 2014, 3, 1036-1043.	3.9	114
578	CXCR4 and CXCR7 transduce through mTOR in human renal cancer cells. Cell Death and Disease, 2014, 5, e1310-e1310.	2.7	70
579	The bacterial protein toxin, cytotoxic necrotizing factor 1 (CNF1) provides long-term survival in a murine glioma model. BMC Cancer, 2014, 14, 449.	1.1	19
580	$\hat{l}^{"}$ Np63 \hat{l}^{\pm} enhances the oncogenic phenotype of osteosarcoma cells by inducing the expression of GLI2. BMC Cancer, 2014, 14, 559.	1.1	21
581	Genetic drivers of metastatic dissemination in sonic hedgehog medulloblastoma. Acta Neuropathologica Communications, 2014, 2, 85.	2.4	27
582	Dental pulp stem cells' secretome enhances pulp repair processes and compensates TEGDMA-induced cytotoxicity. Dental Materials, 2014, 30, e405-e418.	1.6	41
583	Water-soluble platinum phthalocyanines as potential antitumor agents. BioMetals, 2014, 27, 575-589.	1.8	12
584	Gold Nanoparticles for High Resolution Imaging in Modern Immunocytochemistry. Fundamental Biomedical Technologies, 2014, , 189-206.	0.2	O

#	Article	IF	CITATIONS
585	Differential role of TIMP2 and TIMP3 in cardiac hypertrophy, fibrosis, and diastolic dysfunction. Cardiovascular Research, 2014, 103, 268-280.	1.8	98
586	Exposure to parabens at the concentration of maximal proliferative response increases migratory and invasive activity of human breast cancer cells <i>invitro</i>). Journal of Applied Toxicology, 2014, 34, 1051-1059.	1.4	68
587	Extracellular glutathione promotes migration of hydrogen peroxide-stressed cultured chick embryonic skin cells. In Vitro Cellular and Developmental Biology - Animal, 2014, 50, 350-357.	0.7	1
588	Effect of Young Extrinsic Environment Stimulated by Hypoxia on the Function of Aged Tendon Stem Cell. Cell Biochemistry and Biophysics, 2014, 70, 967-973.	0.9	18
589	Isolation and in Vitro Characterization of Bovine Amniotic Fluid Derived Stem Cells at Different Trimesters of Pregnancy. Stem Cell Reviews and Reports, 2014, 10, 712-724.	5.6	54
590	Multifunctional Properties of Chicken Embryonic Prenatal Mesenchymal Stem Cells- Pluripotency, Plasticity, and Tumor Suppression. Stem Cell Reviews and Reports, 2014, 10, 856-870.	5.6	12
591	Overexpression of HCC1/CAPERα may play a role in lung cancer carcinogenesis. Tumor Biology, 2014, 35, 6311-6317.	0.8	21
592	Therapeutic effects of lentivirus-mediated shRNA targeting of cyclin D1 in human gastric cancer. BMC Cancer, 2014, 14, 175.	1.1	22
593	Ring cell migration assay identifies distinct effects of extracellular matrix proteins on cancer cell migration. BMC Research Notes, 2014, 7, 183.	0.6	14
594	Heat shock protein 27 attenuates neointima formation and accelerates reendothelialization after arterial injury and stent implantation: importance of vascular endothelial growth factor upâ€regulation. FASEB Journal, 2014, 28, 594-602.	0.2	24
595	Role of SNTA1 in Rac1 activation, modulation of ROS generation, and migratory potential of human breast cancer cells. British Journal of Cancer, 2014, 110, 706-714.	2.9	42
596	Claudin-1 is a novel target of miR-375 in non-small-cell lung cancer. Lung Cancer, 2014, 85, 366-372.	0.9	41
597	The combination of Cl-IB-MECA with paclitaxel: a new anti-metastatic therapeutic strategy for melanoma. Cancer Chemotherapy and Pharmacology, 2014, 74, 847-860.	1.1	10
598	VEGF-PKD1-HDAC7 signaling promotes endothelial progenitor cell migration and tube formation. Microvascular Research, 2014, 91, 66-72.	1.1	28
599	Comparing methods for modelling spreading cell fronts. Journal of Theoretical Biology, 2014, 353, 95-103.	0.8	9
600	Increasing Dietary Selenium Elevates Reducing Capacity and ERK Activation Associated with Accelerated Progression of Select Mesothelioma Tumors. American Journal of Pathology, 2014, 184, 1041-1049.	1.9	16
601	Use of a fibrin-based system for enhancing angiogenesis and modulating inflammation in the treatment of hyperglycemic wounds. Biomaterials, 2014, 35, 2001-2010.	5.7	45
602	A Tissue-Specific Role for Nlrp3 in Tubular Epithelial Repair after Renal Ischemia/Reperfusion. American Journal of Pathology, 2014, 184, 2013-2022.	1.9	67

#	Article	IF	CITATIONS
603	Isolation of endothelial cells and pericytes from swine corpus luteum. Domestic Animal Endocrinology, 2014, 48, 100-109.	0.8	13
604	Investigation into the cyto-protective and wound healing properties of cryptic peptides from bovine Achilles tendon collagen. Chemico-Biological Interactions, 2014, 211, 1-10.	1.7	22
605	Thyrotropin-releasing hormone and its analogs accelerate wound healing. Journal of Surgical Research, 2014, 189, 359-365.	0.8	4
606	Nitric oxide/cyclic GMP signaling regulates motility of a microglial cell line and primary microglia in vitro. Brain Research, 2014, 1564, 9-21.	1.1	23
607	Orail and STIM1 are critical for cell migration and proliferation of clear cell renal cell carcinoma. Biochemical and Biophysical Research Communications, 2014, 448, 76-82.	1.0	82
608	Bladder Cancer Exosomes Contain EDIL-3/Del1 and Facilitate Cancer Progression. Journal of Urology, 2014, 192, 583-592.	0.2	162
609	Tcf3 promotes cell migration and wound repair through regulation of lipocalin 2. Nature Communications, 2014, 5, 4088.	5.8	63
610	A conformational change of C-reactive protein in burn wounds unmasks its proinflammatory properties. International Immunology, 2014, 26, 467-478.	1.8	37
611	Techniques and assays for the study of angiogenesis. Experimental Biology and Medicine, 2014, 239, 1476-1488.	1.1	61
612	Heat shock protein $90\hat{1}^2$ stabilizes focal adhesion kinase and enhances cell migration and invasion in breast cancer cells. Experimental Cell Research, 2014, 326, 78-89.	1.2	26
613	FAM3A promotes vascular smooth muscle cell proliferation and migration and exacerbates neointima formation in rat artery after balloon injury. Journal of Molecular and Cellular Cardiology, 2014, 74, 173-182.	0.9	37
614	Overexpression of Smad2 inhibits proliferation of gingival epithelial cells. Journal of Periodontal Research, 2014, 49, 290-298.	1.4	14
615	Induction of epithelial–mesenchymal transition (EMT) in breast cancer cells is calcium signal dependent. Oncogene, 2014, 33, 2307-2316.	2.6	290
616	Effects of long-term serial cell passaging on cell spreading, migration, and cell-surface ultrastructures of cultured vascular endothelial cells. Cytotechnology, 2014, 66, 229-238.	0.7	31
617	Analysis of Cell Migration within a Three-dimensional Collagen Matrix. Journal of Visualized Experiments, 2014, , e51963.	0.2	17
618	An indirect electric field-induced control in directional migration of rat mesenchymal stem cells. Applied Physics Letters, 2014, 105, .	1.5	3
619	Interpreting scratch assays using pair density dynamics and approximate Bayesian computation. Open Biology, 2014, 4, 140097.	1.5	47
620	Electric Cell-substrate Impedance Sensing for the Quantification of Endothelial Proliferation, Barrier Function, and Motility. Journal of Visualized Experiments, 2014, , .	0.2	156

#	Article	IF	Citations
621	Differential effects of erufosine on proliferation, wound healing and apoptosis in colorectal cancer cell lines. Oncology Reports, 2014, 31, 1407-1416.	1.2	17
622	Vigilin is overexpressed in hepatocellular carcinoma and is required for HCC cell proliferation and tumor growth. Oncology Reports, 2014, 31, 2328-2334.	1.2	25
623	Integrated Analysis of Dysregulated miRNA-Gene Expression in <i>HMGA2</i> -Silenced Retinoblastoma Cells. Bioinformatics and Biology Insights, 2014, 8, BBI.S16958.	1.0	10
624	<scp>PAK1</scp> mediates pancreatic cancer cell migration and resistance to <scp>MET</scp> inhibition. Journal of Pathology, 2014, 234, 502-513.	2.1	44
625	Uveal Melanoma Metastasis Models. Ocular Oncology and Pathology, 2015, 1, 151-160.	0.5	13
626	EGF as a New Therapeutic Target for Medulloblastoma Metastasis. Cellular and Molecular Bioengineering, 2015, 8, 553-565.	1.0	14
627	Doxycycline reduces the migration of tuberous sclerosis complexâ€2 null cells ―effects on RhoA―GTP ase and focal adhesion kinase. Journal of Cellular and Molecular Medicine, 2015, 19, 2633-2646.	1.6	8
628	The Association of Endothelinâ€1 Signaling with Bone Alkaline Phosphatase Expression and Protumorigenic Activities in Canine Osteosarcoma. Journal of Veterinary Internal Medicine, 2015, 29, 1584-1594.	0.6	5
629	N-cadherin, a novel prognostic biomarker, drives malignant progression of colorectal cancer. Molecular Medicine Reports, 2015, 12, 2999-3006.	1.1	75
630	TUBA1A mutation can cause a hydranencephaly-like severe form of cortical dysgenesis. Scientific Reports, 2015, 5, 15165.	1.6	23
631	MicroRNA-138 Regulates Metastatic Potential of Bladder Cancer Through ZEB2. Cellular Physiology and Biochemistry, 2015, 37, 2366-2374.	1.1	61
632	Statins activate the canonical hedgehog-signaling and aggravate non-cirrhotic portal hypertension, but inhibit the non-canonical hedgehog signaling and cirrhotic portal hypertension. Scientific Reports, 2015, 5, 14573.	1.6	45
633	Nano-mechanical Reinforcement in Drug-Resistant Ovarian Cancer Cells. Biological and Pharmaceutical Bulletin, 2015, 38, 389-395.	0.6	29
634	Bone Morphogenetic Protein-7 Inhibits EMT-Associated Genes in Breast Cancer. Cellular Physiology and Biochemistry, 2015, 37, 1271-1278.	1.1	29
635	Concentric Gel System to Study the Biophysical Role of Matrix Microenvironment on 3D Cell Migration. Journal of Visualized Experiments, 2015, , e52735.	0.2	2
636	Non-contact method for directing electrotaxis. Scientific Reports, 2015, 5, 11005.	1.6	11
637	MicroRNA-34a inhibits human trophoblast cell invasion by targeting MYC. BMC Cell Biology, 2015, 16, 21.	3.0	34
638	Iroquois homeobox 2 suppresses cellular motility and chemokine expression in breast cancer cells. BMC Cancer, 2015, 15, 896.	1.1	18

#	Article	IF	CITATIONS
639	Collective cell migration of smooth muscle and endothelial cells: impact of injury versus non-injury stimuli. Journal of Biological Engineering, 2015, 9, 19.	2.0	16
640	The kinase inhibitor D11 induces caspase-mediated cell death in cancer cells resistant to chemotherapeutic treatment. Journal of Experimental and Clinical Cancer Research, 2015, 34, 125.	3 . 5	18
641	Activation and regulation of the granulation tissue derived cells with stemness-related properties. Stem Cell Research and Therapy, 2015, 6, 85.	2.4	12
642	Inhibition of Rho-associated kinases disturbs the collective cell migration of stratified TE-10 cells. Biological Research, 2015, 48, 48.	1.5	14
643	Crosstalk between VEGF and MTA1 signaling pathways contribute to aggressiveness of breast carcinoma. Molecular Carcinogenesis, 2015, 54, 333-350.	1.3	24
644	The Human Umbilical Cord Tissue-Derived MSC Population UCX [®] Promotes Early Motogenic Effects on Keratinocytes and Fibroblasts and G-CSF-Mediated Mobilization of BM-MSCs when Transplanted In Vivo. Cell Transplantation, 2015, 24, 865-877.	1.2	36
645	Corosolic Acid Exhibits Anti-angiogenic and Anti-lymphangiogenic Effects on <i>In Vitro </i> Endothelial Cells and on an <i> In Vivo </i> CT-26 Colon Carcinoma Animal Model. Phytotherapy Research, 2015, 29, 714-723.	2.8	32
646	Immunomodulatory Effect of Tonsil-Derived Mesenchymal Stem Cells in a Mouse Model of Allergic Rhinitis. American Journal of Rhinology and Allergy, 2015, 29, 262-267.	1.0	31
647	CDC42 Gtpase Activation Affects Hela Cell DNA Repair and Proliferation Following UV Radiationâ€Induced Genotoxic Stress. Journal of Cellular Biochemistry, 2015, 116, 2086-2097.	1.2	13
648	Targeted delivery of adipose-derived stem cells via acellular dermal matrix enhances wound repair in diabetic rats. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, 224-235.	1.3	51
649	Evaluation of the Wound Healing Properties of <i>Hancornia speciosa </i> Leaves. Phytotherapy Research, 2015, 29, 1887-1893.	2.8	34
650	Deferoxamine preconditioning to restore impaired <scp>HIF</scp> â€1αâ€mediated angiogenic mechanisms in adiposeâ€derived stem cells from <scp>STZ</scp> â€induced type 1 diabetic rats. Cell Proliferation, 2015, 48, 532-549.	2.4	57
651	Topical Delivery of Ultrahigh Concentrations of Gentamicin Is Highly Effective in Reducing Bacterial Levels in Infected Porcine Full-Thickness Wounds. Plastic and Reconstructive Surgery, 2015, 135, 151-159.	0.7	24
652	The overexpression of SOX2 affects the migration of human teratocarcinoma cell line NT2/D1. Anais Da Academia Brasileira De Ciencias, 2015, 87, 389-404.	0.3	8
653	In vivo antitumor and antimetastatic effects of flavokawain B in 4T1 breast cancer cell-challenged mice. Drug Design, Development and Therapy, 2015, 9, 1401.	2.0	28
654	mTOR Directs Breast Morphogenesis through the PKC-alpha-Rac1 Signaling Axis. PLoS Genetics, 2015, 11, e1005291.	1.5	40
655	Human Umbilical Vein Endothelial Cells Migration in Matrigel by the Concentration Gradient of Vascular Endothelial Growth Factor. Journal of Biotechnology & Biomaterials, 2015, 05, .	0.3	7
656	Simultaneous isolation of enriched myoblasts and fibroblasts for migration analysis within a novel co-culture assay. BioTechniques, 2015, 58, 25-32.	0.8	35

#	ARTICLE	IF	Citations
657	Inhibition of TRPM7 by carvacrol suppresses glioblastoma cell proliferation, migration and invasion. Oncotarget, 2015, 6, 16321-16340.	0.8	107
658	Acquisition of Cancer Stem Cell Behaviour Plays a Role in Drug Resistance to Combination Chemotherapy and Prognosis in Head and Neck Cancer. Journal of Stem Cell Research & Therapy, 2015, 05, .	0.3	8
659	Evaporative edge lithography of a liposomal drug microarray for cell migration assays. Nanofabrication, 2015, 2, 34-42.	1.1	10
660	Xyloketal B Suppresses Glioblastoma Cell Proliferation and Migration in Vitro through Inhibiting TRPM7-Regulated PI3K/Akt and MEK/ERK Signaling Pathways. Marine Drugs, 2015, 13, 2505-2525.	2.2	51
661	Alloimperatorin and its epoxide derivative exhibit <i>in vitro</i> antitumor activity in HL-60 acute myeloid leukemia cancer cells via inducing apoptosis, cell cycle disruption and inhibition of cell migration. Bangladesh Journal of Pharmacology, 2015, 11, 194.	0.1	4
662	Sphingosine-1-Phosphate Is a Crucial Signal for Migration of Retina Mþller Glial Cells. , 2015, 56, 5808.		29
663	High Mobility Group Box 1 Induced Human Lung Myofibroblasts Differentiation and Enhanced Migration by Activation of MMP-9. PLoS ONE, 2015, 10, e0116393.	1.1	36
664	Nitric Oxide Enhances Keratinocyte Cell Migration by Regulating Rho GTPase via cGMP-PKG Signalling. PLoS ONE, 2015, 10, e0121551.	1.1	50
665	BMP9 Crosstalk with the Hippo Pathway Regulates Endothelial Cell Matricellular and Chemokine Responses. PLoS ONE, 2015, 10, e0122892.	1.1	40
666	Inflammatory and Repair Pathways Induced in Human Bronchoalveolar Lavage Cells with Ozone Inhalation. PLoS ONE, 2015, 10, e0127283.	1.1	25
667	Secreted Frizzled-Related Protein 4 Inhibits Glioma Stem-Like Cells by Reversing Epithelial to Mesenchymal Transition, Inducing Apoptosis and Decreasing Cancer Stem Cell Properties. PLoS ONE, 2015, 10, e0127517.	1.1	53
668	A Genetic Porcine Model of Cancer. PLoS ONE, 2015, 10, e0128864.	1.1	128
669	Versican V1 Overexpression Induces a Myofibroblast-Like Phenotype in Cultured Fibroblasts. PLoS ONE, 2015, 10, e0133056.	1.1	31
670	Macrophage Migration Inhibitory Factor in Acute Adipose Tissue Inflammation. PLoS ONE, 2015, 10, e0137366.	1.1	25
671	The Wound Healing and Antibacterial Activity of Five Ethnomedical Calophyllum inophyllum Oils: An Alternative Therapeutic Strategy to Treat Infected Wounds. PLoS ONE, 2015, 10, e0138602.	1.1	45
672	Genetic Variation in the Platelet Endothelial Aggregation Receptor 1 Gene Results in Endothelial Dysfunction. PLoS ONE, 2015, 10, e0138795.	1.1	24
673	TRIM59 Promotes the Proliferation and Migration of Non-Small Cell Lung Cancer Cells by Upregulating Cell Cycle Related Proteins. PLoS ONE, 2015, 10, e0142596.	1.1	105
674	Inter-kingdom Signaling by the Legionella Quorum Sensing Molecule LAI-1 Modulates Cell Migration through an IQGAP1-Cdc42-ARHGEF9-Dependent Pathway. PLoS Pathogens, 2015, 11, e1005307.	2.1	36

#	ARTICLE	IF	CITATIONS
675	Glycyrrhizic acid alleviates bleomycin-induced pulmonary fibrosis in rats. Frontiers in Pharmacology, 2015, 6, 215.	1.6	46
676	Effects of Inflammasome Activation on Secretion of Inflammatory Cytokines and Vascular Endothelial Growth Factor by Retinal Pigment Epithelial Cells., 2015, 56, 6404.		25
677	RNA-Based TWIST1 Inhibition via Dendrimer Complex to Reduce Breast Cancer Cell Metastasis. BioMed Research International, 2015, 2015, 1-12.	0.9	67
678	ERK1/2 and HIF1αAre Involved in Antiangiogenic Effect of Polyphenols-Enriched Fraction from Chilean Propolis. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-11.	0.5	12
679	Anti-Inflammatory and Anticancer Activities of Taiwanese Purple-Fleshed Sweet Potatoes (<i>Ipomoea) Tj ETQqC</i>) 0 Q.rgBT /	/Overlock 10
680	Endocrine Disruption and Cancer of Reproductive Tissues. , 2015, , 177-200.		1
681	Anticancer and apoptotic effects of theaflavin-3-gallate in non-small cell lung carcinoma. Bangladesh Journal of Pharmacology, 2015, 10, 790.	0.1	4
682	Wound healing and longevity: Lessons from long-lived αMUPA mice. Aging, 2015, 7, 167-176.	1.4	14
683	Nucleoside Transport Inhibition by Dipyridamole Prevents Angiogenesis Impairment by Homocysteine and Adenosine. Journal of Pharmacy and Pharmaceutical Sciences, 2015, 18, 871.	0.9	2
684	Xanthine Oxidoreductase Function Contributes to Normal Wound Healing. Molecular Medicine, 2015, 21, 313-322.	1.9	19
685	"Smart―Nanoparticles Enhance the Cytoplasmic Delivery of Anti-RhoC Silencing RNA and Inhibit the Migration and Invasion of Aggressive Breast Cancer Cells. Molecular Pharmaceutics, 2015, 12, 2406-2417.	2.3	17
686	Role of the Copper(<scp>II</scp>) Complex Cu[15]pyN ₅ in Intracellular <scp>ROS</scp> and Breast Cancer Cell Motility and Invasion. Chemical Biology and Drug Design, 2015, 86, 578-588.	1.5	24
687	Phenotypic Variation in Aicardi–GoutiÔres Syndrome Explained by Cell-Specific IFN-Stimulated Gene Response and Cytokine Release. Journal of Immunology, 2015, 194, 3623-3633.	0.4	37
688	Herbal infusions of black seed and wheat germ oil: Their chemical profiles, in vitro bio-investigations and effective formulations as Phyto-Nanoemulsions. Colloids and Surfaces B: Biointerfaces, 2015, 133, 73-80.	2.5	36
689	Deregulation of EGFR/PI3K and activation of PTEN by photodynamic therapy combined with carboplatin in human anaplastic thyroid cancer cells and xenograft tumors in nude mice. Journal of Photochemistry and Photobiology B: Biology, 2015, 148, 118-127.	1.7	15
691	Pyk2 aggravates hypoxia-induced pulmonary hypertension by activating HIF- $1\hat{l}_{\pm}$. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H951-H959.	1.5	20
692	AC-93253 triggers the downregulation of melanoma progression markers and the inhibition of melanoma cell proliferation. Chemico-Biological Interactions, 2015, 236, 9-18.	1.7	12
693	Modulation of Regorafenib effects on HCC cell lines by epidermal growth factor. Cancer Chemotherapy and Pharmacology, 2015, 75, 1237-1245.	1.1	16

#	ARTICLE	IF	CITATIONS
694	A comparative study of the effects of different low-level lasers on the proliferation, viability, and migration of human melanocytes in vitro. Lasers in Medical Science, 2015, 30, 1541-1551.	1.0	20
695	miRNA proxy approach reveals hidden functions of glycosylation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7327-7332.	3.3	44
696	A ring barrier–based migration assay to assess cell migration in vitro. Nature Protocols, 2015, 10, 904-915.	5.5	45
697	Anti-metastatic action of anacardic acid targets VEGF-induced signalling pathways in epithelial to mesenchymal transition. Drug Discoveries and Therapeutics, 2015, 9, 53-65.	0.6	18
698	Carica papaya induces in vitro thrombopoietic cytokines secretion by mesenchymal stem cells and haematopoietic cells. BMC Complementary and Alternative Medicine, 2015, 15, 215.	3.7	16
699	RANKL blockade prevents and treats aggressive osteosarcomas. Science Translational Medicine, 2015, 7, 317ra197.	5.8	67
700	Automatic detection of cell divisions (mitosis) in live-imaging microscopy images using Convolutional Neural Networks., 2015, 2015, 743-6.		25
701	Potential Wound Healing Activities of Galla Rhois in Human Fibroblasts and Keratinocytes. The American Journal of Chinese Medicine, 2015, 43, 1625-1636.	1.5	10
702	Role of whole bone marrow, whole bone marrow cultured cells, and mesenchymal stem cells in chronic wound healing. Stem Cell Research and Therapy, 2015, 6, 24.	2.4	82
703	Imperceptible sensorics for medical monitoring. , 2015, , .		1
703 704	Imperceptible sensorics for medical monitoring., 2015, , . Orally Administered Chitosan-Coated Polycaprolactone Nanoparticles Containing Curcumin Attenuate Metastatic Melanoma in the Lungs. Journal of Pharmaceutical Sciences, 2015, 104, 3524-3534.	1.6	36
	Orally Administered Chitosan-Coated Polycaprolactone Nanoparticles Containing Curcumin	1.6	
704	Orally Administered Chitosan-Coated Polycaprolactone Nanoparticles Containing Curcumin Attenuate Metastatic Melanoma in the Lungs. Journal of Pharmaceutical Sciences, 2015, 104, 3524-3534. Piperlongumine for Enhancing Oral Bioavailability and Cytotoxicity of Docetaxel in Triple-Negative		36
704 705	Orally Administered Chitosan-Coated Polycaprolactone Nanoparticles Containing Curcumin Attenuate Metastatic Melanoma in the Lungs. Journal of Pharmaceutical Sciences, 2015, 104, 3524-3534. Piperlongumine for Enhancing Oral Bioavailability and Cytotoxicity of Docetaxel in Triple-Negative Breast Cancer. Journal of Pharmaceutical Sciences, 2015, 104, 4417-4426. Metformin upregulates E-cadherin and inhibits B16F10 cell motility, invasion and migration. Oncology	1.6	36 53
704 705 706	Orally Administered Chitosan-Coated Polycaprolactone Nanoparticles Containing Curcumin Attenuate Metastatic Melanoma in the Lungs. Journal of Pharmaceutical Sciences, 2015, 104, 3524-3534. Piperlongumine for Enhancing Oral Bioavailability and Cytotoxicity of Docetaxel in Triple-Negative Breast Cancer. Journal of Pharmaceutical Sciences, 2015, 104, 4417-4426. Metformin upregulates E-cadherin and inhibits B16F10 cell motility, invasion and migration. Oncology Letters, 2015, 10, 1527-1532. Downregulation of CD9 promotes pancreatic cancer growth and metastasis through upregulation of	0.8	36 53 14
704 705 706	Orally Administered Chitosan-Coated Polycaprolactone Nanoparticles Containing Curcumin Attenuate Metastatic Melanoma in the Lungs. Journal of Pharmaceutical Sciences, 2015, 104, 3524-3534. Piperlongumine for Enhancing Oral Bioavailability and Cytotoxicity of Docetaxel in Triple-Negative Breast Cancer. Journal of Pharmaceutical Sciences, 2015, 104, 4417-4426. Metformin upregulates E-cadherin and inhibits B16F10 cell motility, invasion and migration. Oncology Letters, 2015, 10, 1527-1532. Downregulation of CD9 promotes pancreatic cancer growth and metastasis through upregulation of epidermal growth factor on the cell surface. Oncology Reports, 2015, 34, 350-358. Soluble epoxide hydrolase is involved in the development of atherosclerosis and arterial neointima formation by regulating smooth muscle cell migration. American Journal of Physiology - Heart and	1.6 0.8 1.2	36 53 14
704 705 706 707 708	Orally Administered Chitosan-Coated Polycaprolactone Nanoparticles Containing Curcumin Attenuate Metastatic Melanoma in the Lungs. Journal of Pharmaceutical Sciences, 2015, 104, 3524-3534. Piperlongumine for Enhancing Oral Bioavailability and Cytotoxicity of Docetaxel in Triple-Negative Breast Cancer. Journal of Pharmaceutical Sciences, 2015, 104, 4417-4426. Metformin upregulates E-cadherin and inhibits B16F10 cell motility, invasion and migration. Oncology Letters, 2015, 10, 1527-1532. Downregulation of CD9 promotes pancreatic cancer growth and metastasis through upregulation of epidermal growth factor on the cell surface. Oncology Reports, 2015, 34, 350-358. Soluble epoxide hydrolase is involved in the development of atherosclerosis and arterial neointima formation by regulating smooth muscle cell migration. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H1894-H1903. Inhibition of integrin β1 decreases the malignancy of ovarian cancer cells and potentiates anticancer	1.6 0.8 1.2 1.5	36 53 14 22 26

#	Article	IF	CITATIONS
712	Tamoxifen in combination with temozolomide induce a synergistic inhibition of PKC-pan in GBM cell lines. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 722-732.	1.1	33
713	Anti-inflammatory and antioxidant properties of unripe papaya extract in an excision wound model. Pharmaceutical Biology, 2015, 53, 662-671.	1.3	24
714	HMG20A is required for SNAI1-mediated epithelial to mesenchymal transition. Oncogene, 2015, 34, 5264-5276.	2.6	46
715	Investigation of skin permeation, ex vivo inhibition of venom-induced tissue destruction, and wound healing of African plants used against snakebites. Journal of Ethnopharmacology, 2015, 165, 1-8.	2.0	10
716	SNAIL1 combines competitive displacement of ASCL2 andÂepigenetic mechanisms to rapidly silence the EPHB3 tumor suppressor in colorectal cancer. Molecular Oncology, 2015, 9, 335-354.	2.1	34
717	Portable ultraviolet light A1 light source to treat hypertrophic scar. Dermatologica Sinica, 2015, 33, 11-15.	0.2	1
718	PTEN deletion potentiates invasion of colorectal cancer spheroidal cells through 3D Matrigel. Integrative Biology (United Kingdom), 2015, 7, 324-334.	0.6	15
719	Development of novel sophorolipids with improved cytotoxic activity toward MDAâ€MBâ€231 breast cancer cells. Journal of Molecular Recognition, 2015, 28, 155-165.	1.1	57
720	The effects of bisphosphonate zoledronic acid in hepatocellular carcinoma, depending on mevalonate pathway. Journal of Gastroenterology and Hepatology (Australia), 2015, 30, 619-627.	1.4	20
721	HMGB1 contributes to allergen-induced airway remodeling in a murine model of chronic asthma by modulating airway inflammation and activating lung fibroblasts. Cellular and Molecular Immunology, 2015, 12, 409-423.	4.8	67
722	Vimentin is necessary for colony growth of human diploid keratinocytes. Histochemistry and Cell Biology, 2015, 143, 45-57.	0.8	9
723	Diverse phenotypic consequences of mutations affecting the C-terminus of FLNA. Journal of Molecular Medicine, 2015, 93, 773-782.	1.7	8
724	FOXP3 Controls an miR-146/NF-κB Negative Feedback Loop That Inhibits Apoptosis in Breast Cancer Cells. Cancer Research, 2015, 75, 1703-1713.	0.4	109
725	Failure of pesticides to alter migration of cancerous and non-cancerous breast cell lines in vitro. Toxicology Research, 2015, 4, 99-105.	0.9	1
726	Impact of isoflurane on malignant capability of ovarian cancer in vitro. British Journal of Anaesthesia, 2015, 114, 831-839.	1.5	93
727	A549 cells adapted to high nitric oxide show reduced surface CEACAM expression and altered adhesion and migration properties. Tumor Biology, 2015, 36, 1871-1879.	0.8	3
728	PI3Kâ€Mediated Proliferation of Fibroblasts by <i>Calendula officinalis</i> Tincture: Implication in Wound Healing. Phytotherapy Research, 2015, 29, 607-616.	2.8	42
729	Proteaseâ€activated receptor (<scp>PAR</scp>)â€2 is required for <scp>PAR</scp> â€1 signalling in pulmonary fibrosis. Journal of Cellular and Molecular Medicine, 2015, 19, 1346-1356.	1.6	21

#	Article	IF	Citations
730	Bilirubin exerts pro-angiogenic property through Akt-eNOS-dependent pathway. Hypertension Research, 2015, 38, 733-740.	1.5	16
731	miR-503 suppresses metastasis of hepatocellular carcinoma cell by targeting PRMT1. Biochemical and Biophysical Research Communications, 2015, 464, 982-987.	1.0	57
732	Effects of Lithium Niobate Polarization on Cell Adhesion and Morphology. ACS Applied Materials & Effects, 2015, 7, 18113-18119.	4.0	60
733	Genome-wide expression analysis of wounded skin reveals novel genes involved in angiogenesis. Angiogenesis, 2015, 18, 361-371.	3.7	10
734	Intraperitoneal application of phospholipids for the prevention of postoperative adhesions: a possible role of myofibroblasts. Journal of Surgical Research, 2015, 197, 291-300.	0.8	17
735	Injectable PLGA microspheres encapsulating WKYMVM peptide for neovascularization. Acta Biomaterialia, 2015, 25, 76-85.	4.1	23
736	Heterometallic titanium–gold complexes inhibit renal cancer cells in vitro and in vivo. Chemical Science, 2015, 6, 5269-5283.	3.7	100
737	3D bio-etching of a complex composite-like embryonic tissue. Lab on A Chip, 2015, 15, 3293-3299.	3.1	4
738	A combination of desmopressin and docetaxel inhibit cell proliferation and invasion mediated by urokinase-type plasminogen activator (uPA) in human prostate cancer cells. Biochemical and Biophysical Research Communications, 2015, 464, 848-854.	1.0	22
739	Strigolactone analogs act as new anti-cancer agents in inhibition of breast cancer in xenograft model. Cancer Biology and Therapy, 2015, 16, 1682-1688.	1.5	33
740	Protein Tyrosine Phosphatase-PEST and \hat{l}^28 Integrin Regulate Spatiotemporal Patterns of RhoGDI1 Activation in Migrating Cells. Molecular and Cellular Biology, 2015, 35, 1401-1413.	1.1	38
741	Phenomenological approaches to collective behavior in epithelial cell migration. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 3143-3152.	1.9	24
742	Development of a Novel Formulation with Hypericin To Treat Cutaneous Leishmaniasis Based on Photodynamic Therapy in <i>In Vitro </i> In Vivo Studies. Antimicrobial Agents and Chemotherapy, 2015, 59, 5804-5813.	1.4	51
743	Latent Heparanase Facilitates VLA-4–Mediated Melanoma Cell Binding and Emerges As a Relevant Target of Heparin in the Interference with Metastatic Progression. Seminars in Thrombosis and Hemostasis, 2015, 41, 244-254.	1.5	11
744	Phyto-Niosomes: <i>In Vitro </i> Assessment of the Novel Nanovesicles Containing Marigold Extract. International Journal of Polymeric Materials and Polymeric Biomaterials, 2015, 64, 927-937.	1.8	37
745	MnTBAP stimulates angiogenic functions in endothelial cells through mitofusin-1. Vascular Pharmacology, 2015, 72, 163-171.	1.0	9
746	Membraneâ€Type 1 Matrix Metalloproteinase Downregulates Fibroblast Growth Factorâ€2 Binding to the Cell Surface and Intracellular Signaling. Journal of Cellular Physiology, 2015, 230, 366-377.	2.0	13
747	Anti Proliferative and Pro Apoptotic Effects of Flavonoid Quercetin Are Mediated by CB1 Receptor in Human Colon Cancer Cell Lines. Journal of Cellular Physiology, 2015, 230, 2973-2980.	2.0	81

#	Article	IF	CITATIONS
748	Heme-peroxidase from medicinal plant Artocarpus lakoocha: Purification, characterization and wound healing studies. Biocatalysis and Agricultural Biotechnology, 2015, 4, 180-190.	1.5	18
749	FOXO1 differentially regulates both normal and diabetic wound healing. Journal of Cell Biology, 2015, 209, 289-303.	2.3	65
750	Polyphenols rich fraction of Dicranopteris linearis promotes fibroblast cell migration and proliferation in vitro. Journal of Ethnopharmacology, 2015, 168, 305-314.	2.0	27
751	Mesenchymal Stem Cell Exosomes Induce Proliferation and Migration of Normal and Chronic Wound Fibroblasts, and Enhance Angiogenesis In Vitro. Stem Cells and Development, 2015, 24, 1635-1647.	1.1	523
752	Injectable Chitin-Poly($\hat{l}\mu$ -caprolactone)/Nanohydroxyapatite Composite Microgels Prepared by Simple Regeneration Technique for Bone Tissue Engineering. ACS Applied Materials & Engineering. ACS Applied & Engineering. ACS Applied & Engineering. ACS Applied & Engineeri	4.0	127
753	Kaempferol-3-O-rutinoside from Afgekia mahidoliae promotes keratinocyte migration through FAK and Rac1 activation. Journal of Natural Medicines, 2015, 69, 340-348.	1.1	36
754	Ginsenoside Rh2 inhibits metastasis of glioblastoma multiforme through Akt-regulated MMP13. Tumor Biology, 2015, 36, 6789-6795.	0.8	27
755	Intelectin 1 suppresses the growth, invasion and metastasis of neuroblastoma cells through up-regulation of N-myc downstream regulated gene 2. Molecular Cancer, 2015, 14, 47.	7.9	50
756	Antibiotics delay in vitro human stem cell regrowth. Toxicology in Vitro, 2015, 29, 370-379.	1.1	13
757	MiRNA-494 inhibits metastasis of cervical cancer through Pttg1. Tumor Biology, 2015, 36, 7143-7149.	0.8	28
758	miR-221 facilitates the TGFbeta1-induced epithelial-mesenchymal transition in human bladder cancer cells by targeting STMN1. BMC Urology, 2015, 15, 36.	0.6	36
759	Dysregulation of Lysyl Oxidase Expression in Lesions and Endometrium of Women With Endometriosis. Reproductive Sciences, 2015, 22, 1496-1508.	1.1	32
760	Design, Synthesis, in Vitro, and in Vivo Anticancer and Antiangiogenic Activity of Novel 3-Arylaminobenzofuran Derivatives Targeting the Colchicine Site on Tubulin. Journal of Medicinal Chemistry, 2015, 58, 3209-3222.	2.9	47
761	Versatile properties of an exopolysaccharide R-PS18 produced by Rhizobium sp. PRIM-18. Carbohydrate Polymers, 2015, 126, 215-221.	5.1	21
762	Analysis of miRNA expression patterns in human and mouse hepatocellular carcinoma cells. Hepatology Research, 2015, 45, 1331-1340.	1.8	7
763	Exploring quercetin and luteolin derivatives as antiangiogenic agents. European Journal of Medicinal Chemistry, 2015, 97, 259-274.	2.6	47
764	Angiogenesis stimulated by novel nanoscale bioactive glasses. Biomedical Materials (Bristol), 2015, 10, 025005.	1.7	58
765	Downregulation of <i><i><i><scp>TPTE</scp>2P1</i> Inhibits Migration and Invasion of Gallbladder Cancer Cells. Chemical Biology and Drug Design, 2015, 86, 656-662.</i></i>	1.5	12

#	Article	IF	Citations
766	Rac1 GTPase-deficient HeLa cells present reduced DNA repair, proliferation, and survival under UV or gamma irradiation. Molecular and Cellular Biochemistry, 2015, 404, 281-297.	1.4	31
767	Protein Tyrosine Phosphatase 1B Impairs Diabetic Wound Healing Through Vascular Endothelial Growth Factor Receptor 2 Dephosphorylation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 163-174.	1.1	35
768	5-Aminolevulinic Acid-Mediated Sonodynamic Therapy Promotes Phenotypic Switching from Dedifferentiated to Differentiated Phenotype via Reactive Oxygen Species and p38 Mitogen-Activated Protein Kinase in Vascular Smooth Muscle Cells. Ultrasound in Medicine and Biology, 2015, 41, 1681-1689.	0.7	10
769	7-Ketocholesterol Increases Retinal Microglial Migration, Activation and Angiogenicity: A Potential Pathogenic Mechanism Underlying Age-related Macular Degeneration. Scientific Reports, 2015, 5, 9144.	1.6	81
770	Ocular safety comparison of non-steroidal anti-inflammatory eye drops used in pseudophakic cystoid macular edema prevention. International Journal of Pharmaceutics, 2015, 495, 680-691.	2.6	12
771	A Chimeric Cetuximab-Functionalized Corona as a Potent Delivery System for Microtubule-Destabilizing Nanocomplexes to Hepatocellular Carcinoma Cells: A Focus on EGFR and Tubulin Intracellular Dynamics. Molecular Pharmaceutics, 2015, 12, 3908-3923.	2.3	10
772	Design of a thermosensitive bioglass/agarose–alginate composite hydrogel for chronic wound healing. Journal of Materials Chemistry B, 2015, 3, 8856-8864.	2.9	87
773	Modulation of Wound Healing and Scar Formation by MG53 Protein-mediated Cell Membrane Repair. Journal of Biological Chemistry, 2015, 290, 24592-24603.	1.6	64
774	Truncating mutation in the autophagy gene UVRAG confers oncogenic properties and chemosensitivity in colorectal cancers. Nature Communications, 2015, 6, 7839.	5.8	67
775	Blocking the epithelial-to-mesenchymal transition pathway abrogates resistance to anti-folate chemotherapy in lung cancer. Cell Death and Disease, 2015, 6, e1824-e1824.	2.7	70
776	miRNA-34a reduces neointima formation through inhibiting smooth muscle cell proliferation and migration. Journal of Molecular and Cellular Cardiology, 2015, 89, 75-86.	0.9	74
777	MicroRNA857 Is Involved in the Regulation of Secondary Growth of Vascular Tissues in Arabidopsis. Plant Physiology, 2015, 169, pp.01011.2015.	2.3	67
778	Curcumin loaded nano graphene oxide reinforced fish scale collagen $\hat{a}\in$ a 3D scaffold biomaterial for wound healing applications. RSC Advances, 2015, 5, 98653-98665.	1.7	63
779	Germline Heterozygous Variants in SEC23B Are Associated with Cowden Syndrome and Enriched in Apparently Sporadic Thyroid Cancer. American Journal of Human Genetics, 2015, 97, 661-676.	2.6	76
780	The interaction of $G\hat{l}_{\pm}$ (sub> 13 (sub> with integrin \hat{l}^2 (sub> 1 (sub> mediates cell migration by dynamic regulation of RhoA. Molecular Biology of the Cell, 2015, 26, 3658-3670.	0.9	25
781	FBXL5 Inhibits Metastasis of Gastric Cancer Through Suppressing Snail 1. Cellular Physiology and Biochemistry, 2015, 35, 1764-1772.	1.1	58
782	Inhibitory effect of TGF- $\langle b \rangle \hat{l}^2 \langle b \rangle$ peptide antagonist on the fibrotic phenotype of human hypertrophic scar fibroblasts. Pharmaceutical Biology, 2016, 54, 1-9.	1.3	21
783	Shikonin inhibits invasiveness of osteosarcoma through MMP13 suppression. Tumor Biology, 2015, 36, 9311-9317.	0.8	20

#	Article	IF	Citations
784	TIMP-1 Induces α-Smooth Muscle Actin in Fibroblasts to Promote Urethral Scar Formation. Cellular Physiology and Biochemistry, 2015, 35, 2233-2243.	1.1	32
785	Elevated non-esterified fatty acid concentrations hamper bovine oviductal epithelial cell physiology in three different inÂvitro culture systems. Theriogenology, 2015, 84, 899-910.	0.9	24
786	Nanoparticle modulation of the tumor microenvironment enhances therapeutic efficacy of cisplatin. Journal of Controlled Release, 2015, 217, 27-41.	4.8	101
787	In vitro analysis of the effects on wound healing of high- and low-molecular weight chains of hyaluronan and their hybrid H-HA/L-HA complexes. BMC Cell Biology, 2015, 16, 19.	3.0	83
788	Estimating cell diffusivity and cell proliferation rate by interpreting IncuCyte ZOOMâ,, assay data using the Fisher-Kolmogorov model. BMC Systems Biology, 2015, 9, 38.	3.0	98
789	Synthetic miRNA sponges driven by mutant hTERT promoter selectively inhibit the progression of bladder cancer. Tumor Biology, 2015, 36, 5157-5163.	0.8	15
790	The anthelmintic drug mebendazole inhibits growth, migration and invasion in gastric cancer cell model. Toxicology in Vitro, 2015, 29, 2038-2044.	1.1	44
791	Photobiomodulation with low-level diode laser promotes osteoblast migration in an <i>in vitro</i> i>micro wound model. Journal of Biomedical Optics, 2015, 20, 078002.	1.4	25
792	Mesoporous silica nanoparticle delivery of chemically modified siRNA against TWIST1 leads to reduced tumor burden. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 1657-1666.	1.7	51
793	Role of mitochondrial dysfunction in hyperglycaemia-induced coronary microvascular dysfunction: Protective role of resveratrol. Diabetes and Vascular Disease Research, 2015, 12, 208-216.	0.9	27
794	MicroRNA-203 Regulates Growth and Metastasis of Breast Cancer. Cellular Physiology and Biochemistry, 2015, 37, 35-42.	1.1	45
795	AP4 activates cell migration and EMT mediated by p53 in MDA-MB-231 breast carcinoma cells. Molecular and Cellular Biochemistry, 2015, 407, 57-68.	1.4	14
796	Polyurethane foam containing rhEGF as a dressing material for healing diabetic wounds: Synthesis, characterization, in vitro and in vivo studies. Colloids and Surfaces B: Biointerfaces, 2015, 135, 699-706.	2.5	52
797	Piperine loaded PEG-PLGA nanoparticles: Preparation, characterization and targeted delivery for adjuvant breast cancer chemotherapy. Journal of Drug Delivery Science and Technology, 2015, 29, 269-282.	1.4	87
798	Establishing correlations in the en-mass migration of dermal fibroblasts on oriented fibrillar scaffolds. Acta Biomaterialia, 2015, 25, 230-239.	4.1	10
799	Quantitative impedimetric monitoring of cell migration under the stimulation of cytokine or anti-cancer drug in a microfluidic chip. Biomicrofluidics, 2015, 9, 034109.	1.2	12
800	Monocytic delivery of therapeutic oxygen bubbles for dual-modality treatment of tumor hypoxia. Journal of Controlled Release, 2015, 220, 738-750.	4.8	57
801	Prolonged overexpression of Wnt10b induces epidermal keratinocyte transformation through activating EGF pathway. Histochemistry and Cell Biology, 2015, 144, 209-221.	0.8	14

#	Article	IF	CITATIONS
802	Interference-free Micro/nanoparticle Cell Engineering by Use of High-Throughput Microfluidic Separation. ACS Applied Materials & Separation.	4.0	21
803	Migrational changes of mesenchymal stem cells in response to cytokines, growth factors, hypoxia, and aging. Experimental Cell Research, 2015, 338, 97-104.	1.2	55
804	AA092, an annonaceous acetogenin mimetic, attenuates angiogenesis in a mouse model of inflammation-induced corneal neovascularization. International Immunopharmacology, 2015, 28, 997-1002.	1.7	3
805	Human Renal Normal, Tumoral, and Cancer Stem Cells Express Membrane-Bound Interleukin-15 Isoforms Displaying Different Functions. Neoplasia, 2015, 17, 509-517.	2.3	10
806	Hexapeptide-11 is a novel modulator of the proteostasis network in human diploid fibroblasts. Redox Biology, 2015, 5, 205-215.	3.9	23
807	Experimental assessment of effects of antiproliferative drugs of drug-eluting stents on endothelial cells. Cardiovascular Revascularization Medicine, 2015, 16, 344-347.	0.3	3
808	Effects of amniotic membrane extract on primary human corneal epithelial and limbal cells. Clinical and Experimental Ophthalmology, 2015, 43, 443-448.	1.3	32
809	Visible-Light-Initiated Thiol–Acrylate Photopolymerization of Heparin-Based Hydrogels. Biomacromolecules, 2015, 16, 497-506.	2.6	66
810	Therapeutic potential of <scp>P</scp> irfenidone for treating equine corneal scarring. Veterinary Ophthalmology, 2015, 18, 242-250.	0.6	17
811	Regulation of microglial migration, phagocytosis, and neurite outgrowth by HOâ€1/CO signaling. Developmental Neurobiology, 2015, 75, 854-876.	1.5	18
812	In vitro and in vivo assessments of a 3-(3,4-dihydroxyphenyl)-2-propenoic acid bioconjugated gelatin-based injectable hydrogel for biomedical applications. Journal of Materials Chemistry B, 2015, 3, 1230-1244.	2.9	30
813	Additive impact of HER2â€/PTK6â€RNAi on interactions with HER3 or IGFâ€1R leads to reduced breast cancer progression inÂvivo. Molecular Oncology, 2015, 9, 282-294.	2.1	12
814	Geranylgeranylation signals to the Hippo pathway for breast cancer cell proliferation and migration. Oncogene, 2015, 34, 3095-3106.	2.6	71
815	Chemical characterization and in vitro toxicity of diesel exhaust particulate matter generated under varying conditions. Air Quality, Atmosphere and Health, 2015, 8, 507-519.	1.5	30
816	The effects of Sarconesiopsis magellanica larvae (Diptera: Calliphoridae) excretions and secretions on fibroblasts. Acta Tropica, 2015, 142, 26-33.	0.9	7
817	Design of dual inhibitors of ROCK-I and NOX2 as potential leads for the treatment of neuroinflammation associated with various neurological diseases including autism spectrum disorder. Molecular BioSystems, 2015, 11, 607-617.	2.9	22
818	Advantages and challenges of microfluidic cell culture in polydimethylsiloxane devices. Biosensors and Bioelectronics, 2015, 63, 218-231.	5.3	786
819	Fast and Mild Strategy, Using Superhydrophobic Surfaces, to Produce Collagen/Platelet Lysate Gel Beads for Skin Regeneration. Stem Cell Reviews and Reports, 2015, 11, 161-179.	5.6	28

#	ARTICLE	IF	CITATIONS
820	Dominant negative effect of polyglutamine expansion perturbs normal function of ataxin-3 in neuronal cells. Human Molecular Genetics, 2015, 24, 100-117.	1.4	26
821	The Parkinson's gene PINK1 regulates cell cycle progression and promotes cancer-associated phenotypes. Oncogene, 2015, 34, 1363-1374.	2.6	60
823	Postcolectomy Peritoneal Environment Increases Colon Cancer Cell Migration Capacity. Gastroenterology Research and Practice, 2016, 2016, 1-6.	0.7	7
824	Synergistic Anti-proliferative Effects of Cucurbitacin I and Irinotecan on Human Colorectal Cancer Cell Lines. Clinical & Experimental Pharmacology, 2016, 6, .	0.3	0
825	Tumor sialylation impedes T cell mediated anti-tumor responses while promoting tumor associated-regulatory T cells. Oncotarget, 2016, 7, 8771-8782.	0.8	99
826	Tumors Alter Inflammation and Impair Dermal Wound Healing in Female Mice. PLoS ONE, 2016, 11, e0161537.	1.1	8
827	Cationic Nanocylinders Promote Angiogenic Activities of Endothelial Cells. Polymers, 2016, 8, 15.	2.0	14
828	Adhesion, Proliferation and Migration of NIH/3T3 Cells on Modified Polyaniline Surfaces. International Journal of Molecular Sciences, 2016, 17, 1439.	1.8	22
829	Co-self-assembly of cationic microparticles to deliver pEGFP-ZNF580 for promoting the transfection and migration of endothelial cells. International Journal of Nanomedicine, 2017, Volume 12, 137-149.	3.3	12
830	miR-204 suppresses non-small-cell lung carcinoma (NSCLC) invasion and migration by targeting JAK2. Genetics and Molecular Research, 2016, 15, .	0.3	23
831	Modulation of Doxorubicin Actions in Hepatocellular Carcinoma Cells by Insulin-Like Growth Factor-I. Biochemistry and Analytical Biochemistry: Current Research, 2016, s3, .	0.4	1
832	CARP-1 functional mimetics are novel inhibitors of drug-resistant triple negative breast cancers. Oncotarget, 2016, 7, 73370-73388.	0.8	11
833	Wound healing properties of ethyl acetate fraction of Moringa oleifera in normal human dermal fibroblasts. Journal of Intercultural Ethnopharmacology, 2016, 5, 1.	0.9	44
834	Hepatocyte Growth Factor Effects on Mesenchymal Stem Cells Derived from Human Arteries: A Novel Strategy to Accelerate Vascular Ulcer Wound Healing. Stem Cells International, 2016, 2016, 1-11.	1.2	14
835	Silkworm Sericin: Properties and Biomedical Applications. BioMed Research International, 2016, 2016, 1-19.	0.9	263
836	Inhibition of the RhoA GTPase Activity Increases Sensitivity of Melanoma Cells to UV Radiation Effects. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-14.	1.9	20
837	Acute Hypoxic Stress Affects Migration Machinery of Tissue O ₂ -Adapted Adipose Stromal Cells. Stem Cells International, 2016, 2016, 1-16.	1.2	12
838	MRI-Based Assessment of Intralesional Delivery of Bone Marrow-Derived Mesenchymal Stem Cells in a Model of Equine Tendonitis. Stem Cells International, 2016, 2016, 1-13.	1.2	9

#	Article	IF	CITATIONS
839	Lipogems Product Treatment Increases the Proliferation Rate of Human Tendon Stem Cells without Affecting Their Stemness and Differentiation Capability. Stem Cells International, 2016, 2016, 1-11.	1.2	35
840	<i>In Vitro</i> Evaluation of the Antioxidant Activity and Wound Healing Properties of Jaboticaba (<i>Plinia peruviana</i>) Fruit Peel Hydroalcoholic Extract. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-6.	1.9	57
841	Oxypeucedanin hydrate monoacetate isolated from <i>Angelica dahurica</i> induces apoptosis in Caco-2 colon carcinoma cells through the mediation of PI3K-signalling pathway and inhibition of cancer cell migration. Bangladesh Journal of Pharmacology, 2016, 11, 402.	0.1	4
842	Mycobacterium tuberculosis Zinc Metalloprotease-1 Assists Mycobacterial Dissemination in Zebrafish. Frontiers in Microbiology, 2016, 7, 1347.	1.5	17
843	Cell Migration According to Shape of Graphene Oxide Micropatterns. Micromachines, 2016, 7, 186.	1.4	19
844	The TGFÎ ² -SMAD3 pathway inhibits IL-1α induced interactions between human pancreatic stellate cells and pancreatic carcinoma cells and restricts cancer cell migration. Journal of Experimental and Clinical Cancer Research, 2016, 35, 122.	3.5	22
845	K+ Channel Inhibition Differentially Regulates Migration of Intestinal Epithelial Cells in Inflamed vs. Non-Inflamed Conditions in a PI3K/Akt-Mediated Manner. PLoS ONE, 2016, 11, e0147736.	1.1	13
846	Molecular Mechanisms of Malignant Transformation by Low Dose Cadmium in Normal Human Bronchial Epithelial Cells. PLoS ONE, 2016, 11, e0155002.	1.1	24
847	Antioxidant Activity and ROS-Dependent Apoptotic Effect of Scurrula ferruginea (Jack) Danser Methanol Extract in Human Breast Cancer Cell MDA-MB-231. PLoS ONE, 2016, 11, e0158942.	1,1	41
848	Endothelial-Specific EphA4 Negatively Regulates Native Pial Collateral Formation and Re-Perfusion following Hindlimb Ischemia. PLoS ONE, 2016, 11, e0159930.	1.1	17
849	Passive Entrapment of Tumor Cells Determines Metastatic Dissemination to Spinal Bone and Other Osseous Tissues. PLoS ONE, 2016, 11, e0162540.	1.1	9
850	Angiotensin Converting Enzyme Regulates Cell Proliferation and Migration. PLoS ONE, 2016, 11, e0165371.	1.1	25
851	Establishment of a 3D In Vitro Model to Accelerate the Development of Human Therapies against Corneal Diabetes. PLoS ONE, 2016, 11, e0168845.	1.1	22
852	Microbiome Composition and Function Drives Wound-Healing Impairment in the Female Genital Tract. PLoS Pathogens, 2016, 12, e1005889.	2.1	109
853	Both Phenolic and Non-phenolic Green Tea Fractions Inhibit Migration of Cancer Cells. Frontiers in Pharmacology, 2016, 7, 398.	1.6	20
854	Ellagic Acid and Resveratrol Prevent the Development of Cisplatin Resistance in the Epithelial Ovarian Cancer Cell Line A2780. Journal of Cancer, 2016, 7, 353-363.	1,2	65
855	Knock-down of ELMO1 in Paediatric Rhabdomyosarcoma Cells by Nanoparticle Mediated siRNA Delivery. Nanobiomedicine, 2016, 3, 4.	4.4	5
856	Modified position-referenced microscopy for the analysis of low-magnification biological events: a case of study in the wound healing assay with a human hepatoma cell line., 2016,,.		0

#	Article	IF	CITATIONS
857	Complex High-Content Phenotypic Screening. , 0, , .		2
858	Synthesis of novel 5-arylidenethiazolidinones with apoptotic properties via a three component reaction using piperidine as a bifunctional reagent. Organic and Biomolecular Chemistry, 2016, 14, 8053-8063.	1.5	20
859	Platelet-rich plasma (PRP) and adipose-derived mesenchymal stem cells: stimulatory effects on proliferation and migration of fibroblasts and keratinocytes in vitro. Archives of Dermatological Research, 2016, 308, 511-520.	1.1	79
860	Secretome from resident cardiac stromal cells stimulates proliferation, cardiomyogenesis and angiogenesis of progenitor cells. International Journal of Cardiology, 2016, 221, 396-403.	0.8	15
861	Radiation-Induced RhoGDl \hat{I}^2 Cleavage Leads to Perturbation of Cell Polarity: A Possible Link to Cancer Spreading. Journal of Cellular Physiology, 2016, 231, 2493-2505.	2.0	4
862	Microvesicles derived from Alde-Low EPCs support the wound healingÂcapacity of AT-MSCs. Biochemical and Biophysical Research Communications, 2016, 477, 68-75.	1.0	5
863	Ochratoxin A and Tâ€2 Toxin Induce Clonogenicity and Cell Migration in Human Colon Carcinoma and Fetal Lung Fibroblast Cell Lines. Journal of Biochemical and Molecular Toxicology, 2016, 30, 128-135.	1.4	5
864	TNFâ€Î±/TNFR2 Regulatory Axis Stimulates EphB2â€Mediated Neuroregeneration Via Activation of NFâ€Î°B. Journal of Cellular Physiology, 2016, 231, 1237-1248.	2.0	19
865	Hen egg white ovomacroglobulin promotes fibroblast migration via mediating cell adhesion and cytoskeleton. Journal of the Science of Food and Agriculture, 2016, 96, 3188-3194.	1.7	17
866	Purinergic A2b Receptor Activation by Extracellular Cues Affects Positioning of the Centrosome and Nucleus and Causes Reduced Cell Migration. Journal of Biological Chemistry, 2016, 291, 15388-15403.	1.6	6
867	Collective cell migration over long time scales reveals distinct phenotypes. Convergent Science Physical Oncology, 2016, 2, 025001.	2.6	14
868	Relation of exposure to amino acids involved in sarcosine metabolic pathway on behavior of non-tumor and malignant prostatic cell lines. Prostate, 2016, 76, 679-690.	1.2	16
869	Optimization of silk films as substrate for functional corneal epithelium growth. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2016, 104, 431-441.	1.6	23
870	Osteoactivin Promotes Migration of Oral Squamous Cell Carcinomas. Journal of Cellular Physiology, 2016, 231, 1761-1770.	2.0	9
871	<scp>TRPM</scp> 7 channel regulates oxâ€ <scp>LDL</scp> â€induced proliferation and migration of vascular smooth muscle cells via <scp>MEK</scp> â€ <scp>ERK</scp> pathways. FEBS Letters, 2016, 590, 520-532.	1.3	32
872	Blood clot formed on rough titanium surface induces early cell recruitment. Clinical Oral Implants Research, 2016, 27, 1031-1038.	1.9	38
873	<scp>P</scp> yk2 is essential for astrocytes mobility following brain lesion. Glia, 2016, 64, 620-634.	2.5	24
874	A Bench-Top <i>In Vitro</i> Wound Assay to Demonstrate the Effects of Platelet-Rich Plasma and Depleted Uranium on Dermal Fibroblast Migration. Applied in Vitro Toxicology, 2016, 2, 151-156.	0.6	10

#	Article	IF	Citations
875	Fluvoxamine, an anti-depressant, inhibits human glioblastoma invasion by disrupting actin polymerization. Scientific Reports, 2016, 6, 23372.	1.6	40
876	Glycolysis, but not Mitochondria, responsible for intracellular ATP distribution in cortical area of podocytes. Scientific Reports, 2016, 5, 18575.	1.6	53
877	Down regulation of Jag-1 in VSMCs contributes to impaired angiogenesis under high glucose condition: Experimental study using aortic rings of rats. Clinical Hemorheology and Microcirculation, 2016, 61, 497-511.	0.9	4
878	3D culture models of tissues under tension. Journal of Cell Science, 2017, 130, 63-70.	1.2	40
879	Promotion of metastasis of thyroid cancer cells via NRP-2-mediated induction. Oncology Letters, 2016, 12, 4224-4230.	0.8	18
880	Influence of aging on the quantity and quality of human cardiac stem cells. Scientific Reports, 2016, 6, 22781.	1.6	24
881	MicroRNAs interfere with DNA methylation in rheumatoid arthritis synovial fibroblasts. RMD Open, 2016, 2, e000299.	1.8	19
882	Local anesthetic bupivacaine induced ovarian and prostate cancer apoptotic cell death and underlying mechanisms in vitro. Scientific Reports, 2016, 6, 26277.	1.6	73
883	Special AT-rich DNA-binding protein-1 expression is associated with liver cancer metastasis. Oncology Letters, 2016, 12, 4377-4384.	0.8	11
884	Establishment of a novel in vitro model of stratified epithelial wound healing with barrier function. Scientific Reports, 2016, 6, 19395.	1.6	27
885	MicroRNA-21 Regulates Non-Small Cell Lung Cancer Cell Invasion and Chemo-Sensitivity through SMAD7. Cellular Physiology and Biochemistry, 2016, 38, 2152-2162.	1.1	50
886	Angiopoietin-2 impairs collateral artery growth associated with the suppression of the infiltration of macrophages in mouse hindlimb ischaemia. Journal of Translational Medicine, 2016, 14, 306.	1.8	4
887	Overexpression of KCNJ3 gene splice variants affects vital parameters of the malignant breast cancer cell line MCF-7 in an opposing manner. BMC Cancer, 2016, 16, 628.	1.1	14
888	Bergamottin isolated from Citrus bergamia exerts in vitro and in vivo antitumor activity in lung adenocarcinoma through the induction of apoptosis, cell cycle arrest, mitochondrial membrane potential loss and inhibition of cell migration and invasion. Oncology Reports, 2016, 36, 324-332.	1.2	23
889	Unique antitumor property of the Mg-Ca-Sr alloys with addition of Zn. Scientific Reports, 2016, 6, 21736.	1.6	38
890	Epithelial self-healing is recapitulated by a 3D biomimetic E-cadherin junction. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14698-14703.	3.3	36
891	NCK Associated Protein 1 Modulated by miRNAâ€214 Determines Vascular Smooth Muscle Cell Migration, Proliferation, and Neointima Hyperplasia. Journal of the American Heart Association, 2016, 5, .	1.6	50
892	Polysialic acid sustains cancer cell survival and migratory capacity in a hypoxic environment. Scientific Reports, 2016, 6, 33026.	1.6	45

#	Article	IF	CITATIONS
893	The Novel Antitubulin Agent TR-764 Strongly Reduces Tumor Vasculature and Inhibits HIF-1α Activation. Scientific Reports, 2016, 6, 27886.	1.6	13
894	Tissue Extract Fractions from Starfish Undergoing Regeneration Promote Wound Healing and Lower Jaw Blastema Regeneration of Zebrafish. Scientific Reports, 2016, 6, 38693.	1.6	8
895	A High-Throughput, Multi-Cell Phenotype Assay for the Identification of Novel Inhibitors of Chemotaxis/Migration. Scientific Reports, 2016, 6, 22273.	1.6	15
896	Lamin-B1 contributes to the proper timing of epicardial cell migration and function during embryonic heart development. Molecular Biology of the Cell, 2016, 27, 3956-3963.	0.9	14
897	Engineering extrinsic disorder to control protein activity in living cells. Science, 2016, 354, 1441-1444.	6.0	185
898	Simultaneous encapsulation and stabilization of Aloe vera extract on cotton fabric for wound dressing application. RSC Advances, 2016, 6, 111895-111902.	1.7	36
899	YKL-40 expression in chronic obstructive pulmonary disease: relation to acute exacerbations and airway remodeling. Respiratory Research, 2016, 17, 31.	1.4	32
900	Topical Minocycline Effectively Decontaminates and Reduces Inflammation in Infected Porcine Wounds. Plastic and Reconstructive Surgery, 2016, 138, 856e-868e.	0.7	17
901	LEFTY2 Controls Migration of Human Endometrial Cancer Cells via Focal Adhesion Kinase Activity (FAK) and miRNA-200a. Cellular Physiology and Biochemistry, 2016, 39, 815-826.	1.1	24
902	Antiproliferative activity of a series of 5-(1H-1,2,3-triazolyl) methyl- and 5-acetamidomethyl-oxazolidinone derivatives. Molecular Medicine Reports, 2016, 13, 3311-3318.	1.1	9
903	A simple non-perturbing cell migration assay insensitive to proliferation effects. Scientific Reports, 2016, 6, 31694.	1.6	35
904	LL-37 boosts immunosuppressive function of placenta-derived mesenchymal stromal cells. Stem Cell Research and Therapy, 2016, 7, 189.	2.4	23
905	Antiangiogenic, wound healing and antioxidant activity of Cladosporium cladosporioides (Endophytic) Tj ETQq0 () 0 rgBT /C	Overlock 10 T
906	miR-503 inhibits platelet-derived growth factor-induced human aortic vascular smooth muscle cell proliferation and migration through targeting the insulin receptor. Biomedicine and Pharmacotherapy, 2016, 84, 1711-1716.	2.5	25
907	Salinomycin inhibits metastatic colorectal cancer growth and interferes with Wnt/ \hat{l}^2 -catenin signaling in CD133+ human colorectal cancer cells. BMC Cancer, 2016, 16, 896.	1.1	46
908	Design, synthesis and antimetastatic evaluation of 1-benzothiazolylphenylbenzotriazoles for photodynamic therapy in oral cancer cells. MedChemComm, 2016, 7, 1151-1158.	3.5	6
909	Placental Growth Factor Promotes Ovarian Cancer Cell Invasion via ZEB2. Cellular Physiology and Biochemistry, 2016, 38, 351-358.	1.1	17
910	Human relaxin gene expression delivered by bioreducible dendrimer polymer for post-infarct cardiac remodeling in rats. Biomaterials, 2016, 97, 164-175.	5.7	12

#	Article	IF	CITATIONS
911	Suppression of Breast Cancer Cell Migration by Small Interfering RNA Delivered by Polyethylenimine-Functionalized Graphene Oxide. Nanoscale Research Letters, 2016, 11, 247.	3.1	50
912	GYY4137, a Slow-Releasing Hydrogen Sulfide Donor, Ameliorates Renal Damage Associated with Chronic Obstructive Uropathy. Journal of Urology, 2016, 196, 1778-1787.	0.2	33
913	Guanidinium rich dendron-appended hydnocarpin exhibits superior anti-neoplastic effects through caspase mediated apoptosis. RSC Advances, 2016, 6, 52772-52780.	1.7	7
914	Visualization of the recovery process of defects in a cultured cell layer by chemical imaging sensor. Sensors and Actuators B: Chemical, 2016, 236, 965-969.	4.0	11
915	Nanoparticles Encapsulated with LL37 and Serpin A1 Promotes Wound Healing and Synergistically Enhances Antibacterial Activity. Molecular Pharmaceutics, 2016, 13, 2318-2331.	2.3	94
916	Wide field-of-view fluorescence image deconvolution with aberration-estimation from Fourier ptychography. Biomedical Optics Express, 2016, 7, 352.	1.5	48
917	Prolonged survival in pancreatic cancer patients with increased regucalcin gene expression: Overexpression of regucalcin suppresses the proliferation in human pancreatic cancer MIA PaCa-2 cells in vitro. International Journal of Oncology, 2016, 48, 1955-1964.	1.4	35
918	Microvesicles enhance the mobility of human diabetic adipose tissue-derived mesenchymal stem cells inÂvitro and improve wound healing inÂvivo. Biochemical and Biophysical Research Communications, 2016, 473, 1111-1118.	1.0	30
919	The disintegrin tzabcanin inhibits adhesion and migration in melanoma and lung cancer cells. International Journal of Biological Macromolecules, 2016, 88, 457-464.	3.6	35
920	The impact of metformin and salinomycin on transforming growth factor \hat{l}^2 -induced epithelial-to-mesenchymal transition in non-small cell lung cancer cell lines. Oncology Letters, 2016, 11, 2946-2952.	0.8	24
921	Combinatorial effects of geopropolis produced by Melipona fasciculata Smith with anticancer drugs against human laryngeal epidermoid carcinoma (HEp-2) cells. Biomedicine and Pharmacotherapy, 2016, 81, 48-55.	2.5	22
922	Hyaluronan delivery by polymer demixing in polysaccharide-based hydrogels and membranes for biomedical applications. Carbohydrate Polymers, 2016, 150, 408-418.	5.1	34
923	Chronic stress increases experimental pancreatic cancer growth, reduces survival and can be antagonised by beta-adrenergic receptor blockade. Pancreatology, 2016, 16, 423-433.	0.5	95
924	Regenerative and reparative effects of human chorion-derived stem cell conditioned medium on photo-aged epidermal cells. Cell Cycle, 2016, 15, 1144-1155.	1.3	10
925	Differential response to ablative ionizing radiation in genetically distinct non-small cell lung cancer cells. Cancer Biology and Therapy, 2016, 17, 390-399.	1.5	6
926	Concentrated growth factor promotes Schwann cell migration partly through the integrin \hat{l}^2 1-mediated activation of the focal adhesion kinase pathway. International Journal of Molecular Medicine, 2016, 37, 1363-1370.	1.8	45
927	The CXCL10/CXCR3 axis promotes cardiac microvascular endothelial cell migration via the p38/FAK pathway in a proliferation-independent manner. Experimental and Molecular Pathology, 2016, 100, 257-265.	0.9	14
928	New thiazolidinediones affect endothelial cell activation and angiogenesis. European Journal of Pharmacology, 2016, 782, 98-106.	1.7	13

#	Article	IF	CITATIONS
929	Quantifying the effect of experimental design choices for in vitro scratch assays. Journal of Theoretical Biology, 2016, 400, 19-31.	0.8	46
930	Blue light does not impair wound healing in vitro. Journal of Photochemistry and Photobiology B: Biology, 2016, 160, 53-60.	1.7	40
931	The ApoA-I mimetic peptide FAMP promotes recovery from hindlimb ischemia through a nitric oxide (NO)-related pathway. International Journal of Cardiology, 2016, 207, 317-325.	0.8	7
932	Role of mitochondrial hydrogen peroxide induced by intermittent hypoxia in airway epithelial wound repair in vitro. Experimental Cell Research, 2016, 344, 143-151.	1.2	10
933	Low-Intensity Pulsed Ultrasound Enhances Angiogenesis and Ameliorates Left Ventricular Dysfunction in a Mouse Model of Acute Myocardial Infarction. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1220-1229.	1.1	70
934	Nanoparticle-mediated interplay of chitosan and melatonin for improved wound epithelialisation. Carbohydrate Polymers, 2016, 146, 445-454.	5.1	56
935	RNA-seq Identification of RACGAP1 as a Metastatic Driver in Uterine Carcinosarcoma. Clinical Cancer Research, 2016, 22, 4676-4686.	3.2	37
936	An appraisal of cinnamyl sulfonamide hydroxamate derivatives (HDACÂinhibitors) for anti-cancer, anti-angiogenic and anti-metastatic activities in human cancer cells. Chemico-Biological Interactions, 2016, 253, 112-124.	1.7	27
937	Blockage of neddylation modification stimulates tumor sphere formation in vitro and stem cell differentiation and wound healing in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2935-44.	3.3	48
938	Sos1 disruption impairs cellular proliferation and viability through an increase in mitochondrial oxidative stress in primary MEFs. Oncogene, 2016, 35, 6389-6402.	2.6	29
939	Anti-cancer effect of Annona Muricata Linn Leaves Crude Extract (AMCE) on breast cancer cell line. BMC Complementary and Alternative Medicine, 2016, 16, 311.	3.7	89
940	Inhibition of VEGF mediated corneal neovascularization by anti-angiogenic peptide nanofibers. Biomaterials, 2016, 107, 124-132.	5.7	40
941	Effects of the pulsed electromagnetic field PST \hat{A}^{\otimes} on human tendon stem cells: a controlled laboratory study. BMC Complementary and Alternative Medicine, 2016, 16, 293.	3.7	13
942	Studies on the Tumor Vasculature and Coagulant Microenvironment. Methods in Molecular Biology, 2016, 1458, 39-58.	0.4	3
943	In vitro models for evaluating safety and efficacy of novel technologies for skin drug delivery. Journal of Controlled Release, 2016, 242, 89-104.	4.8	55
944	MiR-26a inhibits proliferation and migration of HaCaT keratinocytes through regulating PTEN expression. Gene, 2016, 594, 117-124.	1.0	22
945	Influence of prenatal EGCG treatment and <i>Dyrkla </i> dosage reduction on craniofacial features associated with Down syndrome. Human Molecular Genetics, 2016, 25, ddw 309.	1.4	42
946	Integrin-mediated cell migration is blocked by inhibitors of human neuraminidase. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 1170-1179.	1.2	16

#	Article	IF	CITATIONS
947	Biased signalling is an essential feature of TLR4 in glioma cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 3084-3095.	1.9	25
948	Actomyosin contractility and RhoGTPases affect cell-polarity and directional migration during haptotaxis. Integrative Biology (United Kingdom), 2016, 8, 1067-1078.	0.6	14
949	Immature myeloid cells are critical for enhancing bone fracture healing through angiogenic cascade. Bone, 2016, 93, 113-124.	1.4	16
950	Understanding the biology of urothelial cancer metastasis. Asian Journal of Urology, 2016, 3, 211-222.	0.5	21
951	Brown seaweed Padina gymnospora is a prominent natural wound-care product. Revista Brasileira De Farmacognosia, 2016, 26, 714-719.	0.6	21
952	Prolonged survival in hepatocarcinoma patients with increased regucalcin gene expression: HepG2 cell proliferation is suppressed by overexpression of regucalcin in vitro. International Journal of Oncology, 2016, 49, 1686-1694.	1.4	26
953	Tocotrienol and cancer metastasis. BioFactors, 2016, 42, 149-162.	2.6	33
954	Molecular mechanisms of the angiogenic effects of low-energy shock wave therapy: roles of mechanotransduction. American Journal of Physiology - Cell Physiology, 2016, 311, C378-C385.	2.1	67
955	Insights into the anti-angiogenic properties of phosphaplatins. Journal of Inorganic Biochemistry, 2016, 164, 5-16.	1.5	10
956	Sustained release of stromal cell derived factor-1 from an antioxidant thermoresponsive hydrogel enhances dermal wound healing in diabetes. Journal of Controlled Release, 2016, 238, 114-122.	4.8	105
957	A combined modality of carboplatin and photodynamic therapy suppresses epithelial-mesenchymal transition and matrix metalloproteinase-2 (MMP-2)/MMP-9 expression in HEp-2 human laryngeal cancer cells via ROS-mediated inhibition of MEK/ERK signalling pathway. Lasers in Medical Science, 2016, 31, 1697-1705.	1.0	29
958	Comparison between fibroblast wound healing and cell random migration assays in vitro. Experimental Cell Research, 2016, 347, 123-132.	1.2	34
959	Tumour-cell-induced endothelial cell necroptosis via death receptor 6 promotes metastasis. Nature, 2016, 536, 215-218.	13.7	411
960	Efficacy of silver coated surgical sutures on bacterial contamination, cellular response and wound healing. Materials Science and Engineering C, 2016, 69, 884-893.	3.8	48
961	IQGAP1 gene silencing induces apoptosis and decreases the invasive capacity of human hepatocellular carcinoma cells. Tumor Biology, 2016, 37, 13927-13939.	0.8	22
962	Anti-staphylococcal Activity of Injectable Nano Tigecycline/Chitosan-PRP Composite Hydrogel Using <i>Drosophila melanogaster</i> Model for Infectious Wounds. ACS Applied Materials & Drosophila & Drosophila Materials & Drosophila & Drosophila Materials & Drosophila & Drosophila Materials & Drosophila & Drosophila Materials & Drosophila & Drosophi	4.0	80
963	ANRIL IncRNA triggers efficient therapeutic efficacy by reprogramming the aberrant INK4-hub in melanoma. Cancer Letters, 2016, 381, 41-48.	3.2	56
964	Lung Epithelial Cell–Specific Expression of Human Lysosomal Acid Lipase Ameliorates Lung Inflammation and Tumor Metastasis in Lipaâ^'/â^' Mice. American Journal of Pathology, 2016, 186, 2183-2192.	1.9	21

#	Article	IF	Citations
965	Different reactivity of primary fibroblasts and endothelial cells towards crystalline silica: A surface radical matter. Toxicology, 2016, 361-362, 12-23.	2.0	18
966	Encapsulation of Aloe Vera extract into natural Tragacanth Gum as a novel green wound healing product. International Journal of Biological Macromolecules, 2016, 93, 344-349.	3.6	68
967	Synthesis and biological evaluation of new benzimidazole-thiazolidinedione hybrids as potential cytotoxic and apoptosis inducing agents. European Journal of Medicinal Chemistry, 2016, 124, 608-621.	2.6	80
968	Inhibition of miR-21 by 3′/5′-Serinyl-Capped 2′- <i>O</i> -Methyl RNA Interspersed with 2′- <i>O</i> -(2-Amino-3-Methoxypropyl) Uridine Units. Nucleic Acid Therapeutics, 2016, 26, 327-334.	2.0	11
969	Increased Intimal Hyperplasia After Vascular Injury in Male Androgen Receptor-Deficient Mice. Endocrinology, 2016, 157, 3915-3923.	1.4	12
970	Classic IL-6R signalling is dispensable for intestinal epithelial proliferation and repair. Oncogenesis, 2016, 5, e270-e270.	2.1	27
971	Transgelin is a $TGF\hat{1}^2$ -inducible gene that regulates osteoblastic and adipogenic differentiation of human skeletal stem cells through actin cytoskeleston organization. Cell Death and Disease, 2016, 7, e2321-e2321.	2.7	86
972	Lunasin suppresses the migration and invasion of breast cancer cells by inhibiting matrix metalloproteinase-2/-9 via the FAK/Akt/ERK and NF-1ºB signaling pathways. Oncology Reports, 2016, 36, 253-262.	1.2	66
973	Rac1-mediated cytoskeleton rearrangements induced by intersectin-1s deficiency promotes lung cancer cell proliferation, migration and metastasis. Molecular Cancer, 2016, 15, 59.	7.9	29
974	In vitro assays for determining the metastatic potential of melanoma cell lines with characterized in vivo invasiveness. Biomedical Microdevices, 2016, 18, 89.	1.4	9
975	Improved osteogenesis and angiogenesis of magnesium-doped calcium phosphate cement via macrophage immunomodulation. Biomaterials Science, 2016, 4, 1574-1583.	2.6	128
976	Effects of polydeoxyribonucleotides (PDRN) on wound healing: Electric cell-substrate impedance sensing (ECIS). Materials Science and Engineering C, 2016, 69, 554-560.	3.8	30
977	On-Chip Clonal Analysis of Glioma-Stem-Cell Motility and Therapy Resistance. Nano Letters, 2016, 16, 5326-5332.	4.5	44
978	Bruceantin inhibits multiple myeloma cancer stem cell proliferation. Cancer Biology and Therapy, 2016, 17, 966-975.	1.5	28
979	Molecular Pharmacology of Chemokine Receptors. Methods in Enzymology, 2016, 570, 457-515.	0.4	4
980	Inhibitory effect of RNA-mediated knockdown of zinc finger protein 91 pseudogene on pancreatic cancer cell growth and invasion. Oncology Letters, 2016, 12, 1343-1348.	0.8	13
981	Endogenous <i>N</i> -acyl taurines regulate skin wound healing. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4397-406.	3.3	37
982	Integrin-binding elastin-like polypeptide as an in situ gelling delivery matrix enhances the therapeutic efficacy of adipose stem cells in healing full-thickness cutaneous wounds. Journal of Controlled Release, 2016, 237, 89-100.	4.8	32

#	Article	IF	CITATIONS
983	Proliferation, migration, and expression of oralâ€mucosalâ€healingâ€related genes by oral fibroblasts receiving lowâ€level laser therapy after inflammatory cytokines challenge. Lasers in Surgery and Medicine, 2016, 48, 1006-1014.	1.1	57
984	Guidelines for the selection of functional assays to evaluate the hallmarks of cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2016, 1866, 300-319.	3.3	89
985	MALAT1 in human adipose stem cells modulates survival and alternative splicing of PKCÎ1I in HT22 cells. Endocrinology, 2017, 158, en.2016-1819.	1.4	54
986	Identification of P-Rex1 as an anti-inflammatory and anti-fibrogenic target for pulmonary fibrosis. Scientific Reports, 2016, 6, 25785.	1.6	18
987	Acquisition of anticancer drug resistance is partially associated with cancer stemness in human colon cancer cells. International Journal of Oncology, 2016, 49, 2558-2568.	1.4	58
988	TALENs-directed knockout of the full-length transcription factor Nrf1α that represses malignant behaviour of human hepatocellular carcinoma (HepG2) cells. Scientific Reports, 2016, 6, 23775.	1.6	44
989	The aberrantly expressed miR-193b-3p contributes to preeclampsia through regulating transforming growth factor- \hat{l}^2 signaling. Scientific Reports, 2016, 6, 19910.	1.6	66
990	Activation of heat shock response augments fibroblast growth factor-1 expression in wounded lung epithelium. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L941-L955.	1.3	13
991	MURC deficiency in smooth muscle attenuates pulmonary hypertension. Nature Communications, 2016, 7, 12417.	5.8	24
992	Chemotherapeutic potentials of the stem bark of Balanite aegyptiaca (L.) Delile: an antiangiogenic, antitumor and antioxidant agent. BMC Complementary and Alternative Medicine, 2016, 16, 396.	3.7	17
993	Microbial metabolite butyrate facilitates M2 macrophage polarization and function. Scientific Reports, 2016, 6, 24838.	1.6	208
994	A parallel and quantitative cell migration assay using a novel multi-well-based device. Biomedical Microdevices, 2016, 18, 99.	1.4	5
995	4-Hydroxy-7-oxo-5-heptenoic Acid Lactone Induces Angiogenesis through Several Different Molecular Pathways. Chemical Research in Toxicology, 2016, 29, 2125-2135.	1.7	11
996	Cellular forces and matrix assembly coordinate fibrous tissue repair. Nature Communications, 2016, 7, 11036.	5.8	98
997	On-Chip Quantitative Measurement of Mechanical Stresses During Cell Migration with Emulsion Droplets. Scientific Reports, 2016, 6, 29113.	1.6	18
998	The agar diffusion scratch assay - A novel method to assess the bioactive and cytotoxic potential of new materials and compounds. Scientific Reports, 2016, 6, 20854.	1.6	19
999	Autocrine MCP-1/CCR2 signaling stimulates proliferation and migration of renal carcinoma cells. Oncology Letters, 2016, 12, 2201-2209.	0.8	23
1000	Ex vivo Live Imaging of Lung Metastasis and Their Microenvironment. Journal of Visualized Experiments, 2016, , e53741.	0.2	9

#	Article	IF	CITATIONS
1001	S6Ks isoforms contribute to viability, migration, docetaxel resistance and tumor formation of prostate cancer cells. BMC Cancer, 2016, 16, 602.	1.1	47
1002	Selective depletion of tumour suppressors Deleted in Colorectal Cancer (DCC) and neogenin by environmental and endogenous serine proteases: linking diet and cancer. BMC Cancer, 2016, 16, 772.	1.1	15
1003	Human fetal and adult epicardial-derived cells: a novel model to study their activation. Stem Cell Research and Therapy, 2016, 7, 174.	2.4	45
1004	Nâ€Cadherin Regulates Cell Migration Through a Rab5â€Dependent Temporal Control of Macropinocytosis. Traffic, 2016, 17, 769-785.	1.3	8
1005	Anticancer activity of taraxerol acetate in human glioblastoma cells and a mouse xenograft model via induction of autophagy and apoptotic cell death, cell cycle arrest and inhibition of cell migration. Molecular Medicine Reports, 2016, 13, 4541-4548.	1.1	22
1006	Alterations of cellular redox homeostasis in cultured fibroblast-like renal cells upon exposure to low doses of cytochrome bc1 complex inhibitor kresoxim-methyl. Biochemical Pharmacology, 2016, 113, 97-109.	2.0	16
1007	In vitro models for assessing therapeutic angiogenesis. Drug Discovery Today, 2016, 21, 1495-1503.	3.2	25
1008	A multi-target caffeine derived rhodium(<scp>i</scp>) N-heterocyclic carbene complex: evaluation of the mechanism of action. Dalton Transactions, 2016, 45, 13161-13168.	1.6	65
1009	Real-Time Monitoring of Wound Healing on Nano-Patterned Substrates: Non-Invasive Impedance Spectroscopy Technique. IEEE Nanotechnology Magazine, 2016, 15, 791-800.	1.1	8
1010	The protein phosphatase 4 - PEA15 axis regulates the survival of breast cancer cells. Cellular Signalling, 2016, 28, 1389-1400.	1.7	14
1011	Atypical Protein Kinase C-Dependent Polarized Cell Division Is Required for Myocardial Trabeculation. Cell Reports, 2016, 14, 1662-1672.	2.9	29
1012	Collagen Vl–NG2 axis in human tendon fibroblasts under conditions mimicking injury response. Matrix Biology, 2016, 55, 90-105.	1.5	33
1013	An optimized method for accurate quantification of cell migration using human small intestine cells. Metabolic Engineering Communications, 2016, 3, 76-83.	1.9	31
1014	Leucine-enkephalin promotes wound repair through the regulation of hemidesmosome dynamics and matrix metalloprotease. Peptides, 2016, 76, 57-64.	1.2	13
1015	Inhibition of vascular endothelial growth factor reduces cardiac allograft vasculopathy. Journal of Heart and Lung Transplantation, 2016, 35, 1124-1130.	0.3	9
1016	Genetic and cellular studies highlight that A Disintegrin and Metalloproteinase 19 is a protective biomarker in human prostate cancer. BMC Cancer, 2016, 16, 151.	1.1	14
1017	Basal metabolic state governs AIF-dependent growth support in pancreatic cancer cells. BMC Cancer, 2016, 16, 286.	1.1	11
1018	A Positive TGF- \hat{l}^2/c -KIT Feedback Loop Drives Tumor Progression in Advanced Primary Liver Cancer. Neoplasia, 2016, 18, 371-386.	2.3	27

#	Article	IF	CITATIONS
1019	Transposon mutagenesis identifies genes and cellular processes driving epithelial-mesenchymal transition in hepatocellular carcinoma. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3384-93.	3.3	56
1020	In vitro wound healing assays – state of the art. BioNanoMaterials, 2016, 17, 79-87.	1.4	69
1021	An in vitro method to test the safety and efficacy of low-level laser therapy (LLLT) in the healing of a canine skin model. BMC Veterinary Research, 2016, 12, 73.	0.7	30
1022	MiR-485 inhibits metastasis and EMT of lung adenocarcinoma by targeting Flot2. Biochemical and Biophysical Research Communications, 2016, 477, 521-526.	1.0	51
1023	Notch Signaling Activation Is Associated with Patient Mortality and Increased FGF1-Mediated Invasion in Squamous Cell Carcinoma of the Oral Cavity. Molecular Cancer Research, 2016, 14, 883-891.	1.5	41
1024	Novel application assigned to toluquinol: inhibition of lymphangiogenesis by interfering with VEGF /VEGFRâ€3 signalling pathway. British Journal of Pharmacology, 2016, 173, 1966-1987.	2.7	24
1025	Cytotoxic biphenyl-4-carboxylic acid targets the tubulin–microtubule system and inhibits cellular migration in HeLa cells. Journal of Taibah University for Science, 2016, 10, 839-849.	1.1	0
1027	Regulatory roles of grass carp EpCAM in cell morphology, proliferation and migration. Fish Physiology and Biochemistry, 2016, 42, 423-430.	0.9	0
1028	Platycodin D inhibits B16F10 melanoma metastasis via antiangiogenic activity. RSC Advances, 2016, 6, 10606-10614.	1.7	8
1029	Taking Aim at Moving Targets in Computational Cell Migration. Trends in Cell Biology, 2016, 26, 88-110.	3.6	100
1029 1030	Taking Aim at Moving Targets in Computational Cell Migration. Trends in Cell Biology, 2016, 26, 88-110. Adipose-Derived Stem Cell-Seeded Hydrogels Increase Endogenous Progenitor Cell Recruitment and Neovascularization in Wounds. Tissue Engineering - Part A, 2016, 22, 295-305.	3.6	100
	Adipose-Derived Stem Cell-Seeded Hydrogels Increase Endogenous Progenitor Cell Recruitment and		
1030	Adipose-Derived Stem Cell-Seeded Hydrogels Increase Endogenous Progenitor Cell Recruitment and Neovascularization in Wounds. Tissue Engineering - Part A, 2016, 22, 295-305. Secretion of wound healing mediators by single and bi-layer skin substitutes. Cytotechnology, 2016,	1.6	57
1030	Adipose-Derived Stem Cell-Seeded Hydrogels Increase Endogenous Progenitor Cell Recruitment and Neovascularization in Wounds. Tissue Engineering - Part A, 2016, 22, 295-305. Secretion of wound healing mediators by single and bi-layer skin substitutes. Cytotechnology, 2016, 68, 1873-1884. The Effect of Simulated Microgravity on Differentiation of Porcine Blood-Derived Vascular Stem	1.6 0.7	57 25
1030 1031 1032	Adipose-Derived Stem Cell-Seeded Hydrogels Increase Endogenous Progenitor Cell Recruitment and Neovascularization in Wounds. Tissue Engineering - Part A, 2016, 22, 295-305. Secretion of wound healing mediators by single and bi-layer skin substitutes. Cytotechnology, 2016, 68, 1873-1884. The Effect of Simulated Microgravity on Differentiation of Porcine Blood-Derived Vascular Stem Cells. Stem Cells and Development, 2016, 25, 329-336. ERRα Is a Marker of Tamoxifen Response and Survival in Triple-Negative Breast Cancer. Clinical Cancer	1.6 0.7 1.1	57 25 5
1030 1031 1032 1033	Adipose-Derived Stem Cell-Seeded Hydrogels Increase Endogenous Progenitor Cell Recruitment and Neovascularization in Wounds. Tissue Engineering - Part A, 2016, 22, 295-305. Secretion of wound healing mediators by single and bi-layer skin substitutes. Cytotechnology, 2016, 68, 1873-1884. The Effect of Simulated Microgravity on Differentiation of Porcine Blood-Derived Vascular Stem Cells. Stem Cells and Development, 2016, 25, 329-336. ERRα Is a Marker of Tamoxifen Response and Survival in Triple-Negative Breast Cancer. Clinical Cancer Research, 2016, 22, 1421-1431. Role of miR-138 in the regulation of larynx carcinoma cell metastases. Tumor Biology, 2016, 37,	1.6 0.7 1.1 3.2	57 25 5
1030 1031 1032 1033	Adipose-Derived Stem Cell-Seeded Hydrogels Increase Endogenous Progenitor Cell Recruitment and Neovascularization in Wounds. Tissue Engineering - Part A, 2016, 22, 295-305. Secretion of wound healing mediators by single and bi-layer skin substitutes. Cytotechnology, 2016, 68, 1873-1884. The Effect of Simulated Microgravity on Differentiation of Porcine Blood-Derived Vascular Stem Cells. Stem Cells and Development, 2016, 25, 329-336. ERRα Is a Marker of Tamoxifen Response and Survival in Triple-Negative Breast Cancer. Clinical Cancer Research, 2016, 22, 1421-1431. Role of miR-138 in the regulation of larynx carcinoma cell metastases. Tumor Biology, 2016, 37, 15601-15606.	1.6 0.7 1.1 3.2 0.8	57 25 5 44 14

#	Article	IF	CITATIONS
1038	Exosomes Derived from Hypoxic Oral Squamous Cell Carcinoma Cells Deliver miR-21 to Normoxic Cells to Elicit a Prometastatic Phenotype. Cancer Research, 2016, 76, 1770-1780.	0.4	413
1039	Intracellular interactions of electrostatically mediated layer-by-layer assembled polyelectrolytes based sorafenib nanoparticles in oral cancer cells. Colloids and Surfaces B: Biointerfaces, 2016, 143, 131-138.	2.5	27
1040	Single-step synthesis of heparin-doped polypyrrole nanoparticles for delivery of angiogenic factor. Nanomedicine, 2016, 11, 749-765.	1.7	13
1041	Pan-Cancer Analyses Reveal Long Intergenic Non-Coding RNAs Relevant to Tumor Diagnosis, Subtyping and Prognosis. EBioMedicine, 2016, 7, 62-72.	2.7	33
1042	Platelets drive smooth muscle metaplasia and fibrogenesis in endometriosis through epithelial–mesenchymal transition and fibroblast-to-myofibroblast transdifferentiation. Molecular and Cellular Endocrinology, 2016, 428, 1-16.	1.6	145
1043	A cost-effective microdevice bridges microfluidic and conventional in vitro scratch / wound-healing assay for personalized therapy validation. Biochip Journal, 2016, 10, 56-64.	2.5	12
1044	<scp>ADAM</scp> 23 is downregulated in side population and suppresses lung metastasis of lung carcinoma cells. Cancer Science, 2016, 107, 433-443.	1.7	25
1045	LIM Homeobox Domain 2 Is Required for Corneal Epithelial Homeostasis. Stem Cells, 2016, 34, 493-503.	1.4	5
1046	Effect of CCL2 on BV2 microglial cell migration: Involvement of probable signaling pathways. Cytokine, 2016, 81, 39-49.	1.4	20
1047	Antisenescence effect of mouse embryonic stem cell conditioned medium through a PDGF/FGF pathway. FASEB Journal, 2016, 30, 1276-1286.	0.2	26
1048	MicroRNA-26b suppresses the metastasis of non-small cell lung cancer by targeting MIEN1 via NF-κB/MMP-9/VEGF pathways. Biochemical and Biophysical Research Communications, 2016, 472, 465-470.	1.0	48
1049	Functional and cell proliferative properties of an exopolysaccharide produced by Nitratireductor sp. PRIM-31. International Journal of Biological Macromolecules, 2016, 85, 400-404.	3.6	12
1050	Chemosensitizing AML cells by targeting bone marrow endothelial cells. Experimental Hematology, 2016, 44, 363-377.e5.	0.2	22
1051	T-cadherin promotes vascular smooth muscle cell dedifferentiation via a GSK3 \hat{l}^2 -inactivation dependent mechanism. Cellular Signalling, 2016, 28, 516-530.	1.7	14
1052	Nudt3 is an mRNA decapping enzyme that modulates cell migration. Rna, 2016, 22, 773-781.	1.6	50
1053	A Novel Collagen Dot Assay for Monitoring Cancer Cell Migration. Methods in Molecular Biology, 2016, 1406, 181-187.	0.4	2
1054	Potential of activatable FAP-targeting immunoliposomes in intraoperative imaging of spontaneous metastases. Biomaterials, 2016, 88, 70-82.	5.7	30
1055	Caspases uncouple p27Kip1 from cell cycle regulated degradation and abolish its ability to stimulate cell migration and invasion. Oncogene, 2016, 35, 4580-4590.	2.6	21

#	Article	IF	CITATIONS
1056	Novel insights into a retinoic-acid-induced cleft palate based on Rac1 regulation of the fibronectin arrangement. Cell and Tissue Research, 2016, 363, 713-722.	1.5	4
1057	Conditioned Medium from Adipose-Derived Stem Cells (ADSCs) Promotes Epithelial-to-Mesenchymal-Like Transition (EMT-Like) in Glioma Cells In vitro. Molecular Neurobiology, 2016, 53, 7184-7199.	1.9	55
1058	Altered dermal fibroblast behavior in a collagen V haploinsufficient murine model of classic Ehlers–Danlos syndrome. Connective Tissue Research, 2016, 57, 1-9.	1.1	22
1059	NudC regulates actin dynamics and ciliogenesis by stabilizing cofilin 1. Cell Research, 2016, 26, 239-253.	5.7	42
1061	Three-dimensional multilayered fibrous constructs for wound healing applications. Biomaterials Science, 2016, 4, 319-330.	2.6	20
1062	Mimicking the Cell: Bio-Inspired Functions of Supramolecular Assemblies. Chemical Reviews, 2016, 116, 2023-2078.	23.0	254
1063	Protective Role for Tissue Inhibitor of Metalloproteinase-4, a Novel Peroxisome Proliferator–Activated Receptor-γ Target Gene, in Smooth Muscle in Deoxycorticosterone Acetate–Salt Hypertension. Hypertension, 2016, 67, 214-222.	1.3	24
1064	Pituitary tumor-transforming gene 1 regulates invasion of prostate cancer cells through MMP13. Tumor Biology, 2016, 37, 15495-15500.	0.8	12
1065	Regulation of activating protein-4-associated metastases of non-small cell lung cancer cells by miR-144. Tumor Biology, 2016, 37, 15535-15541.	0.8	16
1066	Targeting c-kit receptor in neuroblastomas and colorectal cancers using stem cell factor (SCF)-based recombinant bacterial toxins. Applied Microbiology and Biotechnology, 2016, 100, 263-277.	1.7	8
1067	miR-363 induces transdifferentiation of human kidney tubular cells to mesenchymal phenotype. Clinical and Experimental Nephrology, 2016, 20, 394-401.	0.7	9
1068	A review of impedance measurements of whole cells. Biosensors and Bioelectronics, 2016, 77, 824-836.	5. 3	331
1069	Apoptotic and anti-angiogenic effects of Salvia triloba extract in prostate cancer cell lines. Tumor Biology, 2016, 37, 3639-3646.	0.8	15
1070	Different roles of myofibroblasts in the tumorigenesis of nonsmall cell lung cancer. Tumor Biology, 2016, 37, 15525-15534.	0.8	2
1071	NDRG1 overexpressing gliomas are characterized by reduced tumor vascularization and resistance to antiangiogenic treatment. Cancer Letters, 2016, 380, 568-576.	3.2	18
1072	Structural centrosome aberrations favor proliferation by abrogating microtubule-dependent tissue integrity of breast epithelial mammospheres. Oncogene, 2016, 35, 2711-2722.	2.6	28
1073	Overexpression of miR-100 inhibits cancer growth, migration, and chemosensitivity in human NSCLC cells through fibroblast growth factor receptor 3. Tumor Biology, 2016, 37, 15517-15524.	0.8	11
1074	Downregulation of microRNA-362-3p and microRNA-329 promotes tumor progression in human breast cancer. Cell Death and Differentiation, 2016, 23, 484-495.	5.0	71

#	Article	IF	CITATIONS
1075	The mTOR Kinase Inhibitor INK128 Blunts Migration of Cultured Retinal Pigment Epithelial Cells. Advances in Experimental Medicine and Biology, 2016, 854, 709-715.	0.8	8
1076	Polysaccharide from Pleurotus nebrodensis induces apoptosis via a mitochondrial pathway in HepG2 cells. Food and Function, 2016, 7, 455-463.	2.1	38
1077	Regulation of sarcoma cell migration, invasion and invadopodia formation by AFAP1L1 through a phosphotyrosine-dependent pathway. Oncogene, 2016, 35, 2098-2111.	2.6	8
1078	MiR-200 suppresses metastases of colorectal cancer through ZEB1. Tumor Biology, 2016, 37, 15501-15507.	0.8	14
1079	Wnt/ \hat{l}^2 -catenin signaling regulated SATB1 promotes colorectal cancer tumorigenesis and progression. Oncogene, 2016, 35, 1679-1691.	2.6	73
1080	Differentiation of equine induced pluripotent stem cells into a keratinocyte lineage. Equine Veterinary Journal, 2016, 48, 338-345.	0.9	28
1081	Promotion of wound healing by <i>Plantago major</i> L. leaf extracts â€" <i>ex-vivo</i> experiments confirm experiences from traditional medicine. Natural Product Research, 2016, 30, 622-624.	1.0	45
1082	Antioxidant, antimicrobial and wound healing properties of <i>Struthanthus vulgaris </i> Pharmaceutical Biology, 2016, 54, 331-337.	1.3	30
1083	Interferon- \hat{l}^2 gene transfer inhibits melanoma cells adhesion and migration. Cytokine, 2017, 89, 201-208.	1.4	7
1084	In vitro models of axon regeneration. Experimental Neurology, 2017, 287, 423-434.	2.0	47
1085	Luminescent dual sensors reveal extracellular pH-gradients and hypoxia on chronic wounds that disrupt epidermal repair. European Journal of Molecular and Clinical Medicine, 2017, 2, 70.	0.5	0
1086	A novel spontaneous model of epithelial-mesenchymal transition (EMT) using a primary prostate cancer derived cell line demonstrating distinct stem-like characteristics. Scientific Reports, 2017, 7, 40633.	1.6	35
1087	A spleen tyrosine kinase inhibitor attenuates the proliferation and migration of vascular smooth muscle cells. Biological Research, 2017, 50, 1.	1.5	34
1088	Influence of components of tumour microenvironment on the response of HCT-116 colorectal cancer to the ruthenium-based drug NAMI-A. Journal of Inorganic Biochemistry, 2017, 168, 90-97.	1.5	10
1089	Synthesis of 2,3,6,7-tetramethoxyphenanthren-9-amine: An efficient precursor to access new 4- aza -2,3-dihydropyridophenanthrenes as apoptosis inducing agents. European Journal of Medicinal Chemistry, 2017, 127, 305-317.	2.6	43
1090	Induced oxidative stress management in wounds through phenolic acids engineered fibrous protein: An in vitro assessment using polymorphonuclear (PMN) cells. International Journal of Biological Macromolecules, 2017, 96, 485-493.	3.6	2
1091	The Nogo-B receptor promotes Ras plasma membrane localization and activation. Oncogene, 2017, 36, 3406-3416.	2.6	25
1092	Quercetin-3-O-glucuronide promotes the proliferation and migration of neural stem cells. Neurobiology of Aging, 2017, 52, 39-52.	1.5	54

#	Article	IF	CITATIONS
1093	Physical models of collective cell motility: from cell to tissue. Journal Physics D: Applied Physics, 2017, 50, 113002.	1.3	148
1094	Force Measurements for Cancer Cells. Methods in Molecular Biology, 2017, 1530, 195-228.	0.4	1
1095	A novel approach to quantify the wound closure dynamic. Experimental Cell Research, 2017, 352, 175-183.	1.2	7
1096	Role of Host miRNA Hsa-miR-139-3p in HPV-16–Induced Carcinomas. Clinical Cancer Research, 2017, 23, 3884-3895.	3.2	73
1097	Targeted Treatment of Metastatic Breast Cancer by PLK1 siRNA Delivered by an Antioxidant Nanoparticle Platform. Molecular Cancer Therapeutics, 2017, 16, 763-772.	1.9	44
1098	Inhibition of CD44v3 and CD44v6 function blocks tumor invasion and metastatic colonization. Journal of Controlled Release, 2017, 257, 10-20.	4.8	19
1099	Microfluidic Migration and Wound Healing Assay Based on Mechanically Induced Injuries of Defined and Highly Reproducible Areas. Analytical Chemistry, 2017, 89, 2326-2333.	3.2	42
1100	Nanopatterned Extracellular Matrices Enable Cell-Based Assays with a Mass Spectrometric Readout. Nano Letters, 2017, 17, 1373-1377.	4.5	19
1101	Nonâ€animal models of wound healing in cutaneous repair: In silico, in vitro, ex vivo, and in vivo models of wounds and scars in human skin. Wound Repair and Regeneration, 2017, 25, 164-176.	1.5	70
1102	Rhomboid family member 2 regulates cytoskeletal stress-associated Keratin 16. Nature Communications, 2017, 8, 14174.	5.8	36
1103	Angiogenesis Assays for the Evaluation of Angiogenic Properties of Orthopaedic Biomaterials – A General Review. Advanced Healthcare Materials, 2017, 6, 1600434.	3.9	48
1104	Novel human bioactive peptides identified in Apolipoprotein B: Evaluation of their therapeutic potential. Biochemical Pharmacology, 2017, 130, 34-50.	2.0	64
1105	Targeted RP9 ablation and mutagenesis in mouse photoreceptor cells by CRISPR-Cas9. Scientific Reports, 2017, 7, 43062.	1.6	20
1106	Antitumorigenic effect of atmospheric-pressure dielectric barrier discharge on human colorectal cancer cells via regulation of Sp1 transcription factor. Scientific Reports, 2017, 7, 43081.	1.6	23
1107	Handâ€Ground Nanoscale Zn ^{II} â€Based Coordination Polymers Derived from NSAIDs: Cell Migration Inhibition of Human Breast Cancer Cells. Chemistry - A European Journal, 2017, 23, 5736-5747.	1.7	24
1108	Alterations in Intestinal Permeability: The Role of the "Leaky Gut―in Health and Disease. Journal of Equine Veterinary Science, 2017, 52, 10-22.	0.4	51
1109	Precise Engineering of Prodrug Cocktails into Single Polymeric Nanoparticles for Combination Cancer Therapy: Extended and Sequentially Controllable Drug Release. ACS Applied Materials & Samp; Interfaces, 2017, 9, 10567-10576.	4.0	50
1110	Notch1 Signaling Contributes to Hypoxia-induced High Expression of Integrin \hat{l}^21 in Keratinocyte Migration. Scientific Reports, 2017, 7, 43926.	1.6	20

#	Article	IF	Citations
1111	Inhibition of prostate cancer proliferation by Deferiprone. NMR in Biomedicine, 2017, 30, e3712.	1.6	34
1112	Characterization of stem-like cells in a new astroblastoma cell line. Experimental Cell Research, 2017, 352, 393-402.	1.2	5
1113	Protective effects of tetrahydrocurcumin (THC) on fibroblast and melanoma cell lines in vitro: it's implication for wound healing. Journal of Food Science and Technology, 2017, 54, 1137-1145.	1.4	28
1114	Tissue-scale coordination of cellular behaviour promotes epidermal wound repair in live mice. Nature Cell Biology, 2017, 19, 155-163.	4.6	181
1115	Systematic high-content genome-wide RNAi screens of endothelial cell migration and morphology. Scientific Data, 2017, 4, 170009.	2.4	23
1116	Deficient retinoid-driven angiogenesis may contribute to failure of adult human lung regeneration in emphysema. Thorax, 2017, 72, 510-521.	2.7	25
1117	PTEN Plays Dual Roles As a Tumor Suppressor in Osteosarcoma Cells. Journal of Cellular Biochemistry, 2017, 118, 2684-2692.	1.2	21
1118	Increased survivability of ischemic skin flap tissue in Flkâ€1 < sup>+/â^' < /sup> mice by Pellinoâ€1 intervention. Microcirculation, 2017, 24, e12362.	1.0	15
1119	Method comparison for analyzing wound healing rates. Biochemistry and Cell Biology, 2017, 95, 450-454.	0.9	2
1120	Survival of lung cancer patients is prolonged with higher regucalcin gene expression: suppressed proliferation of lung adenocarcinoma A549 cells in vitro. Molecular and Cellular Biochemistry, 2017, 430, 37-46.	1.4	26
1121	MiR-125b inhibits anaplastic thyroid cancer cell migration and invasion by targeting PIK3CD. Biomedicine and Pharmacotherapy, 2017, 88, 443-448.	2.5	39
1122	Targeted Drug Delivery in Covalent Organic Nanosheets (CONs) via Sequential Postsynthetic Modification. Journal of the American Chemical Society, 2017, 139, 4513-4520.	6.6	475
1123	A Unique Highâ€Throughput Assay to Identify Novel Small Molecule Inhibitors of Chemotaxis and Migration. Current Protocols in Cell Biology, 2017, 74, 12.11.1-12.11.13.	2.3	2
1124	Pharmacological effects of asiatic acid in glioblastoma cells under hypoxia. Molecular and Cellular Biochemistry, 2017, 430, 179-190.	1.4	15
1125	Depletion of Gangliosides Enhances Articular Cartilage Repair in Mice. Scientific Reports, 2017, 7, 43729.	1.6	11
1126	A Silicon-Based Porous Thin Membrane as a Cancer Cell Transmigration Assay. Journal of Microelectromechanical Systems, 2017, 26, 308-316.	1.7	3
1127	miR-24 represses metastasis of human osteosarcoma cells by targeting Ack1 via AKT/MMPs pathway. Biochemical and Biophysical Research Communications, 2017, 486, 211-217.	1.0	21
1128	Differential effects of p38 MAP kinase inhibitors SB203580 and SB202190 on growth and migration of human MDA-MB-231 cancer cell line. Cytotechnology, 2017, 69, 711-724.	0.7	36

#	Article	IF	Citations
1129	RhoA/ROCK pathway inhibition by fasudil suppresses the vasculogenic mimicry of U2OS osteosarcoma cells in vitro. Anti-Cancer Drugs, 2017, 28, 514-521.	0.7	20
1130	Blind SELEX Approach Identifies RNA Aptamers That Regulate EMT and Inhibit Metastasis. Molecular Cancer Research, 2017, 15, 811-820.	1.5	24
1131	Identification of RUNX1 as a Mediator of Aberrant Retinal Angiogenesis. Diabetes, 2017, 66, 1950-1956.	0.3	56
1132	Reduction of miR-132-3p contributes to gastric cancer proliferation by targeting MUC13. Molecular Medicine Reports, 2017, 15, 3055-3061.	1.1	29
1133	Stimulation of the Nonneuronal Cholinergic System by Highly Diluted Acetylcholine in Keratinocytes. Cells Tissues Organs, 2017, 203, 215-230.	1.3	19
1134	Dual treatment with shikonin and temozolomide reduces glioblastoma tumor growth, migration and glial-to-mesenchymal transition. Cellular Oncology (Dordrecht), 2017, 40, 247-261.	2.1	44
1135	Progressive slowdown/prevention of cellular senescence by CD9-targeted delivery of rapamycin using lactose-wrapped calcium carbonate nanoparticles. Scientific Reports, 2017, 7, 43299.	1.6	70
1136	Regulation of glioma migration and invasion via modification of Rap2a activity by the ubiquitin ligase Nedd4-1. Oncology Reports, 2017, 37, 2565-2574.	1.2	21
1137	Synthesis and Biological Evaluation of 2-Methyl-4,5-Disubstituted Oxazoles as a Novel Class of Highly Potent Antitubulin Agents. Scientific Reports, 2017, 7, 46356.	1.6	17
1138	Modulation of Heterotypic and Homotypic Cell–Cell Interactions via Zwitterionic Lipid Masks. Advanced Healthcare Materials, 2017, 6, 1700063.	3.9	1
1139	Multifunctional Hydrogels Prepared by Dual Ion Cross-Linking for Chronic Wound Healing. ACS Applied Materials & Samp; Interfaces, 2017, 9, 16054-16062.	4.0	109
1140	Impact of Superparamagnetic Iron Oxide Nanoparticles on Vocal Fold Fibroblasts: Cell Behavior and Cellular Iron Kinetics. Nanoscale Research Letters, 2017, 12, 284.	3.1	10
1141	Bio-EdIP: An automatic approach for in vitro cell confluence images quantification. Computer Methods and Programs in Biomedicine, 2017, 145, 23-33.	2.6	6
1142	Suppression of MAGE-A10 alters the metastatic phenotype of tongue squamous cell carcinoma cells. Biochemistry and Biophysics Reports, 2017, 10, 267-275.	0.7	9
1143	Chronic TNFα Exposure Induces Robust Proliferation of Olfactory Ensheathing Cells, but not Schwann Cells. Neurochemical Research, 2017, 42, 2595-2609.	1.6	5
1144	HMEC-1 adopt the mixed amoeboid-mesenchymal migration type during EndMT. European Journal of Cell Biology, 2017, 96, 289-300.	1.6	15
1145	Discovery of a Novel Small-Molecule Inhibitor that Targets PP2A–β-Catenin Signaling and Restricts Tumor Growth and Metastasis. Molecular Cancer Therapeutics, 2017, 16, 1791-1805.	1.9	18
1146	Pathogenic role and therapeutic potential of pleiotrophin in mouse models of ocular vascular disease. Angiogenesis, 2017, 20, 479-492.	3.7	15

#	Article	IF	CITATIONS
1147	A short artificial antimicrobial peptide shows potential to prevent or treat bone infections. Scientific Reports, 2017, 7, 1506.	1.6	28
1148	Selective phenylalanine to proline substitution for improved antimicrobial and anticancer activities of peptides designed on phenylalanine heptad repeat. Acta Biomaterialia, 2017, 57, 170-186.	4.1	35
1149	Quantitative Reflection Imaging for the Morphology and Dynamics of LiveAplysia californicaPedal Ganglion Neurons Cultured on Nanostructured Plasmonic Crystals. Langmuir, 2017, 33, 8640-8650.	1.6	3
1150	An in situ photocrosslinkable platelet rich plasma – Complexed hydrogel glue with growth factor controlled release ability to promote cartilage defect repair. Acta Biomaterialia, 2017, 62, 179-187.	4.1	112
1151	p75 neurotrophin receptor: A potential surface marker of tongue squamous cell carcinoma stem cells. Molecular Medicine Reports, 2017, 15, 2521-2529.	1,1	9
1152	Glycol Chitosan Engineered Autoregenerative Antioxidant Significantly Attenuates Pathological Damages in Models of Age-Related Macular Degeneration. ACS Nano, 2017, 11, 4669-4685.	7.3	61
1153	EIF4A3 deficient human iPSCs and mouse models demonstrate neural crest defects that underlie Richieri-Costa-Pereira syndrome. Human Molecular Genetics, 2017, 26, 2177-2191.	1.4	42
1154	Overexpressed miR-9 promotes tumor metastasis via targeting E-cadherin in serous ovarian cancer. Frontiers of Medicine, 2017, 11, 214-222.	1.5	31
1155	Identification of novel 3-nitroacridines as autophagy inducers in gastric cancer cells. New Journal of Chemistry, 2017, 41, 4087-4095.	1,4	0
1156	Synthesis of novel benzylidene analogues of betulinic acid as potent cytotoxic agents. European Journal of Medicinal Chemistry, 2017, 135, 517-530.	2.6	39
1157	Prolotherapy Induces an Inflammatory Response in Human Tenocytes In Vitro. Clinical Orthopaedics and Related Research, 2017, 475, 2117-2127.	0.7	24
1158	A Deep Proteome Analysis Identifies the Complete Secretome as the Functional Unit of Human Cardiac Progenitor Cells. Circulation Research, 2017, 120, 816-834.	2.0	123
1159	<scp>SATB /scp>1 promotes tumor metastasis and invasiveness in oral squamous cell carcinoma. Oral Diseases, 2017, 23, 247-254.</scp>	1.5	13
1160	Amelioration of Dalton's lymphoma–induced angiogenesis by melatonin. Tumor Biology, 2017, 39, 101042831770575.	0.8	17
1161	Anti-Aging Potentials of Methylene Blue for Human Skin Longevity. Scientific Reports, 2017, 7, 2475.	1.6	69
1162	Shear stress induces endothelial-to-mesenchymal transition via the transcription factor Snail. Scientific Reports, 2017, 7, 3375.	1.6	138
1163	Integrated Microfluidic System for Gene Silencing and Cell Migration. Advanced Biology, 2017, 1, 1700054.	3.0	13
1164	Estrogen and cigarette sidestream smoke particulate matter exhibit ERα-dependent tumor-promoting effects in lung adenocarcinoma cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L477-L490.	1.3	9

#	Article	IF	CITATIONS
1165	Hyperoxia exposure disrupts adrenomedullin signaling in newborn mice: Implications for lung development in premature infants. Biochemical and Biophysical Research Communications, 2017, 487, 666-671.	1.0	17
1166	Quantitative image analysis of the shape and size of circular wound sites generated by vertically stamped scratches. Micron, 2017, 101, 54-61.	1.1	3
1167	Nanoparticle-Based Dressing: The Future of Wound Treatment?. Trends in Biotechnology, 2017, 35, 770-784.	4.9	183
1168	Anti-tumorigenic effects of a novel digitoxin derivative on both estrogen receptor–positive and triple-negative breast cancer cells. Tumor Biology, 2017, 39, 101042831770533.	0.8	14
1169	Conventional and microwave-assisted synthesis of new 1 H -benzimidazole-thiazolidinedione derivatives: A potential anticancer scaffold. European Journal of Medicinal Chemistry, 2017, 138, 234-245.	2.6	66
1170	The Effect of Interleukin 38 on Angiogenesis in a Model of Oxygen-induced Retinopathy. Scientific Reports, 2017, 7, 2756.	1.6	23
1171	Collective cell migration has distinct directionality and speed dynamics. Cellular and Molecular Life Sciences, 2017, 74, 3841-3850.	2.4	33
1172	p53 amyloid formation leading to its loss of function: implications in cancer pathogenesis. Cell Death and Differentiation, 2017, 24, 1784-1798.	5.0	99
1173	LincIN, a novel NF90-binding long non-coding RNA, is overexpressed in advanced breast tumors and involved in metastasis. Breast Cancer Research, 2017, 19, 62.	2.2	36
1174	Cell-compatible conducting polyaniline films prepared in colloidal dispersion mode. Colloids and Surfaces B: Biointerfaces, 2017, 157, 309-316.	2.5	9
1175	Low concentrations of neutrophil extracellular traps induce proliferation in human keratinocytes via NF-kB activation. Journal of Dermatological Science, 2017, 88, 110-116.	1.0	33
1176	Evaluating a novel oxygenating therapeutic for its potential use in the advancement of wound healing. Toxicology in Vitro, 2017, 43, 62-68.	1.1	9
1177	Development of a topical mupirocin spray for antibacterial and wound-healing applications. Drug Development and Industrial Pharmacy, 2017, 43, 1715-1728.	0.9	32
1178	Phenotypic switching prevention and proliferation/migration inhibition of vascular smooth muscle		

#	Article	IF	CITATIONS
1183	Wound healing activity of Ullucus tuberosus , an Andean tuber crop. Asian Pacific Journal of Tropical Biomedicine, 2017, 7, 538-543.	0.5	8
1184	Protective Effect of Camellia Oil (<i>Camellia oleifera</i> Abel.) against Ethanol-Induced Acute Oxidative Injury of the Gastric Mucosa in Mice. Journal of Agricultural and Food Chemistry, 2017, 65, 4932-4941.	2.4	65
1185	Onion derived carbon nanodots for live cell imaging and accelerated skin wound healing. Journal of Materials Chemistry B, 2017, 5, 6579-6592.	2.9	98
1186	A microfluidics assay to study invasion of human placental trophoblast cells. Journal of the Royal Society Interface, 2017, 14, 20170131.	1.5	68
1187	Studies on wound healing potential of polyherbal formulation using inÂvitro and inÂvivo assays. Journal of Ayurveda and Integrative Medicine, 2017, 8, 73-81.	0.9	52
1188	Angiopoietin-like 4 Enhances the Proliferation and Migration of Tendon Fibroblasts. Medicine and Science in Sports and Exercise, 2017, 49, 1769-1777.	0.2	14
1189	$17\hat{l}^2$ -estradiol-induced ACSL4 protein expression promotes an invasive phenotype in estrogen receptor positive mammary carcinoma cells. Carcinogenesis, 2017, 38, 402-410.	1.3	44
1190	Elasticity and tumorigenic characteristics of cells in a monolayer after nanosecond pulsed electric field exposure. European Biophysics Journal, 2017, 46, 567-580.	1.2	16
1191	Sodium Salicylate Inhibits Urokinase Activity in MDA MB-231 Breast Cancer Cells. Clinical Breast Cancer, 2017, 17, 629-637.	1.1	10
1192	The effect of G3 PAMAM dendrimer conjugated with B-group vitamins on cell morphology, motility and ATP level in normal and cancer cells. European Journal of Pharmaceutical Sciences, 2017, 102, 275-283.	1.9	14
1193	Effects of JWH015 in cytokine secretion in primary human keratinocytes and fibroblasts and its suitability for topical/transdermal delivery. Molecular Pain, 2017, 13, 174480691668822.	1.0	24
1194	Nuclear Membrane-Targeted Gold Nanoparticles Inhibit Cancer Cell Migration and Invasion. ACS Nano, 2017, 11, 3716-3726.	7. 3	135
1195	E3 Ubiquitin Ligase UBR5 Drives the Growth and Metastasis of Triple-Negative Breast Cancer. Cancer Research, 2017, 77, 2090-2101.	0.4	87
1196	Logistic Proliferation of Cells in Scratch Assays is Delayed. Bulletin of Mathematical Biology, 2017, 79, 1028-1050.	0.9	41
1197	Therapeutic implication of â€~Iturin A' for targeting MD-2/TLR4 complex to overcome angiogenesis and invasion. Cellular Signalling, 2017, 35, 24-36.	1.7	30
1198	The miR-24-3p/p130Cas: a novel axis regulating the migration and invasion of cancer cells. Scientific Reports, 2017, 7, 44847.	1.6	28
1199	Asiaticoside hinders the invasive growth of keloid fibroblasts through inhibition of the GDFâ€9/MAPK/Smad pathway. Journal of Biochemical and Molecular Toxicology, 2017, 31, e21922.	1.4	18
1200	Synthesis and characterization of curcumin loaded PLAâ€"Hyperbranched polyglycerol electrospun blend for wound dressing applications. Materials Science and Engineering C, 2017, 76, 1196-1204.	3.8	145

#	Article	IF	CITATIONS
1202	A fence barrier method of leading edge cell capture for explorative biochemical research. Cell Adhesion and Migration, 2017, 11, 496-503.	1.1	2
1203	Injectable bioactive akermanite/alginate composite hydrogels for in situ skin tissue engineering. Journal of Materials Chemistry B, 2017, 5, 3315-3326.	2.9	73
1204	Insulin promotes cell migration by regulating PSA-NCAM. Experimental Cell Research, 2017, 355, 26-39.	1.2	5
1205	Low concentrations of silver nanoparticles have a beneficial effect on wound healing in vitro. Journal of Nanoparticle Research, 2017, 19, 1.	0.8	15
1206	Methods of studying mammalian cell migration and invasion in vitro., 2017,,.		1
1207	Synthesis and characterization of redox-sensitive heparin- \hat{l}^2 -sitosterol micelles: Their application as carriers for the pharmaceutical agent, doxorubicin, and investigation of their antimetastatic activities in vitro. Materials Science and Engineering C, 2017, 75, 1326-1338.	3.8	26
1208	Identification of common non-coding variants at 1p22 that are functional for non-syndromic orofacial clefting. Nature Communications, 2017, 8, 14759.	5.8	48
1209	Characterization of dormant and active human cancer cells by quantitative phase imaging. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2017, 91, 424-432.	1.1	17
1210	Compartmentalized Spherical Collagen Microparticles for Anisotropic Cell Culture Microenvironments. Advanced Healthcare Materials, 2017, 6, 1601463.	3.9	29
1211	Lipophilicity-antiproliferative activity relationship study leads to the preparation of a ruthenium(II) arene complex with considerable inAvitro cytotoxicity against cancer cells and a lower inAvivo toxicity in zebrafish embryos than clinically approved cis-platin. European Journal of Medicinal Chemistry, 2017, 132, 282-293.	2.6	51
1212	Mammalian cell models to advance our understanding of wound healing: a review. Journal of Surgical Research, 2017, 210, 269-280.	0.8	18
1214	MicroRNA-567 dysregulation contributes to carcinogenesis of breast cancer, targeting tumor cell proliferation, and migration. Breast Cancer Research and Treatment, 2017, 161, 605-616.	1.1	32
1215	Patient-Specific iPSC-Derived Endothelial Cells Uncover Pathways that Protect against Pulmonary Hypertension in BMPR2 Mutation Carriers. Cell Stem Cell, 2017, 20, 490-504.e5.	5.2	163
1216	Activated α ₂ â€Macroglobulin Induces Mesenchymal Cellular Migration Of Raw264.7 Cells Through Lowâ€Density Lipoprotein Receptorâ€Related Protein 1. Journal of Cellular Biochemistry, 2017, 118, 1810-1818.	1.2	15
1217	miR-382 inhibits tumor progression by targeting SETD8 in non-small cell lung cancer. Biomedicine and Pharmacotherapy, 2017, 86, 248-253.	2.5	36
1218	The wound healing assay revisited: A transport phenomena approach. Chemical Engineering Science, 2017, 160, 200-209.	1.9	20
1219	In vitro studies to evaluate the wound healing properties of Calendula officinalis extracts. Journal of Ethnopharmacology, 2017, 196, 94-103.	2.0	98
1220	Loss of smooth muscle cell disintegrin and metalloproteinase 17 transiently suppresses angiotensin ll-induced hypertension and end-organ damage. Journal of Molecular and Cellular Cardiology, 2017, 103, 11-21.	0.9	32

#	Article	IF	CITATIONS
1221	Activated ERK1/2 increases CD44 in glomerular parietal epithelial cells leading to matrix expansion. Kidney International, $2017, 91, 896-913$.	2.6	48
1222	DNA-Sensing and Nuclease Gene Expressions as Markers for Colorectal Cancer Progression. Oncology, 2017, 92, 115-124.	0.9	41
1223	DNAâ€Pk _{CS} expression in oropharyngeal squamous cell carcinoma: Correlations with human papillomavirus status and recurrence after transoral robotic surgery. Head and Neck, 2017, 39, 206-214.	0.9	3
1224	Different functions of AKT1 and AKT2 in molecular pathways, cell migration and metabolism in colon cancer cells. International Journal of Oncology, 2017, 50, 5-14.	1.4	53
1225	Modeling Glyco-Collagen Conjugates Using a Host–Guest Strategy To Alter Phenotypic Cell Migration and in Vivo Wound Healing. ACS Nano, 2017, 11, 11969-11977.	7.3	11
1226	A vimentin binding small molecule leads to mitotic disruption in mesenchymal cancers. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9903-E9912.	3.3	55
1227	Amyloidogenic medin induces endothelial dysfunction and vascular inflammation through the receptor for advanced glycation endproducts. Cardiovascular Research, 2017, 113, 1389-1402.	1.8	30
1228	Tridimensional configurations of human mesenchymal stem/stromal cells to enhance cell paracrine potential towards wound healing processes. Journal of Biotechnology, 2017, 262, 28-39.	1.9	44
1229	Cross-activating c-Met/ \hat{l}^21 integrin complex drives metastasis and invasive resistance in cancer. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8685-E8694.	3.3	60
1230	Genome-wide functional analysis reveals central signaling regulators of lymphatic endothelial cell migration and remodeling. Science Signaling, 2017, 10, .	1.6	37
1231	Cellular Contraction Can Drive Rapid Epithelial Flows. Biophysical Journal, 2017, 113, 1613-1622.	0.2	9
1232	Pomegranate Extract Alters Breast Cancer Stem Cell Properties in Association with Inhibition of Epithelial-to-Mesenchymal Transition. Nutrition and Cancer, 2017, 69, 1088-1098.	0.9	22
1233	Full-Length Isoforms of Kaposi's Sarcoma-Associated Herpesvirus Latency-Associated Nuclear Antigen Accumulate in the Cytoplasm of Cells Undergoing the Lytic Cycle of Replication. Journal of Virology, 2017, 91, .	1.5	8
1234	AMPK-KLF2 signaling pathway mediates the proangiogenic effect of erythropoietin in endothelial colony-forming cells. American Journal of Physiology - Cell Physiology, 2017, 313, C674-C685.	2.1	17
1235	Evaluation of in vitro efficacy of docetaxel-loaded calcium carbonate aragonite nanoparticles (DTX-CaCO3NP) on 4T1 mouse breast cancer cell line. In Vitro Cellular and Developmental Biology - Animal, 2017, 53, 896-907.	0.7	9
1236	WD40-repeat 47, a microtubule-associated protein, is essential for brain development and autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9308-E9317.	3.3	77
1237	Sulfated polysaccharides from Padina tetrastromatica arrest cell cycle, prevent metastasis and downregulate angiogenic mediators in HeLa cells. Bioactive Carbohydrates and Dietary Fibre, 2017, 12, 7-13.	1.5	12
1238	Exosome is a mechanism of intercellular drug transfer: Application of quantitative pharmacology. Journal of Controlled Release, 2017, 268, 147-158.	4.8	57

#	Article	IF	Citations
1239	Attenuation of oxidative stress and artificial wound closure in C2C12 myoblasts induced by sequential extracts of <i>Boerhavia diffusa</i> Journal of Pharmacy and Pharmacology, 2017, 70, 111-123.	1.2	7
1240	Electrospun Micropatterned Nanocomposites Incorporated with Cu ₂ S Nanoflowers for Skin Tumor Therapy and Wound Healing. ACS Nano, 2017, 11, 11337-11349.	7.3	191
1241	The <i>In Vitro</i> and <i>In Vivo</i> Antiangiogenic Effects of Flavokawain B. Phytotherapy Research, 2017, 31, 1607-1613.	2.8	21
1242	Impact of selective serotonin reuptake inhibitors on neural crest stem cell formation. Toxicology Letters, 2017, 281, 20-25.	0.4	10
1243	Down-regulation of PAX2 promotes in vitro differentiation of podocytes from human CD34+ cells. Cell and Tissue Research, 2017, 370, 477-488.	1.5	4
1244	New Ni(II) complexes involving symmetrical bidentate N,O-donor Schiff base ligands: synthesis at ambient temperature, crystal structures, electrochemical study, antioxidant and cytotoxic activities. Journal of Coordination Chemistry, 2017, 70, 3132-3146.	0.8	15
1245	6-bromo-indirubin-3′-oxime (6BIO), a Glycogen synthase kinase- $3\hat{1}^2$ inhibitor, activates cytoprotective cellular modules and suppresses cellular senescence-mediated biomolecular damage in human fibroblasts. Scientific Reports, 2017, 7, 11713.	1.6	33
1246	Pre-culture Sudan Black B treatment suppresses autofluorescence signals emittedÂfrom polymer tissue scaffolds. Scientific Reports, 2017, 7, 8361.	1.6	29
1247	Endothelial Rab7 GTPase mediates tumor growth and metastasis in lysosomal acid lipase–deficient mice. Journal of Biological Chemistry, 2017, 292, 19198-19208.	1.6	15
1248	A Novel Benzocoumarin-Stilbene Hybrid as a DNA ligase I inhibitor with in vitro and in vivo anti-tumor activity in breast cancer models. Scientific Reports, 2017, 7, 10715.	1.6	13
1249	Long-lived force patterns and deformation waves at repulsive epithelial boundaries. Nature Materials, 2017, 16, 1029-1037.	13.3	65
1250	Inhibin-A and Decorin Secreted by Human Adult Renal Stem/Progenitor Cells Through the TLR2 Engagement Induce Renal Tubular Cell Regeneration. Scientific Reports, 2017, 7, 8225.	1.6	28
1251	CREPT regulated by miR-138 promotes breast cancer progression. Biochemical and Biophysical Research Communications, 2017, 493, 263-269.	1.0	29
1252	Streptococcus salivarius MS-oral-D6 promotes gingival re-epithelialization in vitro through a secreted serine protease. Scientific Reports, 2017, 7, 11100.	1.6	16
1253	Novel Pathological Role of hnRNPA1 (Heterogeneous Nuclear Ribonucleoprotein A1) in Vascular Smooth Muscle Cell Function and Neointima Hyperplasia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 2182-2194.	1.1	41
1254	Combination of using prodrug-modified cationic liposome nanocomplexes and a potentiating strategy via targeted co-delivery of gemcitabine and docetaxel for CD44-overexpressed triple negative breast cancer therapy. Acta Biomaterialia, 2017, 62, 257-272.	4.1	56
1255	Lung fibrosis-associated soluble mediators and bronchoalveolar lavage from idiopathic pulmonary fibrosis patients promote the expression of fibrogenic factors in subepithelial lung myofibroblasts. Pulmonary Pharmacology and Therapeutics, 2017, 46, 78-87.	1.1	15
1256	Periodontal pathogens promote epithelial-mesenchymal transition in oral squamous carcinoma cells <i>iin vitro</i>). Cell Adhesion and Migration, 2018, 12, 1-11.	1.1	40

#	Article	IF	CITATIONS
1257	In vitro structure-specific Zn(II)-induced adipogenesis and structure-function bioreactivity correlations. Journal of Inorganic Biochemistry, 2017, 177, 228-246.	1.5	7
1258	Heteroleptic oxidovanadium(IV) complexes of 2-hydroxynaphtylaldimine and polypyridyl ligands against Trypanosoma cruzi and prostate cancer cells. Journal of Inorganic Biochemistry, 2017, 175, 154-166.	1.5	30
1259	Macrophage migration inhibitory factor (MIF) modulates trophic signaling through interaction with serine protease HTRA1. Cellular and Molecular Life Sciences, 2017, 74, 4561-4572.	2.4	19
1260	A new image segmentation method for quantitative analysis of in vitro scratch assay. , 2017, , .		0
1261	Evaluation of ion implantation for anti-thrombogenic coronary stent in vitro and in vivo. Journal of Industrial and Engineering Chemistry, 2017, 54, 290-297.	2.9	9
1262	MicroRNA-155 regulates arsenite-induced malignant transformation by targeting Nrf2-mediated oxidative damage in human bronchial epithelial cells. Toxicology Letters, 2017, 278, 38-47.	0.4	50
1263	Label-free profiling of cell dynamics: A sequence of impedance-based assays to estimate tumor cell invasiveness in vitro. Experimental Cell Research, 2017, 359, 243-250.	1.2	13
1264	Ultrastructural characteristics and immune profile of equine MSCs from fetal adnexa. Reproduction, 2017, 154, 509-519.	1.1	18
1265	A new and accurate continuum description of moving fronts. New Journal of Physics, 2017, 19, 033010.	1.2	2
1266	A comparative assessment of e-cigarette aerosols and cigarette smoke on in vitro endothelial cell migration. Toxicology Letters, 2017, 277, 123-128.	0.4	52
1267	Disruption of TACE-filamin interaction can inhibit TACE-mediated ectodomain shedding. Biochemical and Biophysical Research Communications, 2017, 490, 997-1003.	1.0	7
1268	CYLD Deubiquitinates Nicotinamide Adenine Dinucleotide Phosphate Oxidase 4 Contributing to Adventitial Remodeling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1698-1709.	1.1	59
1269	Enhanced efficacy of anti-miR-191 delivery through stearylamine liposome formulation for the treatment of breast cancer cells. International Journal of Pharmaceutics, 2017, 530, 387-400.	2.6	42
1270	MicroRNA-200b regulates distal airway development by maintaining epithelial integrity. Scientific Reports, 2017, 7, 6382.	1.6	34
1271	Aligned fibers direct collective cell migration to engineer closing and nonclosing wound gaps. Molecular Biology of the Cell, 2017, 28, 2579-2588.	0.9	40
1272	Design, synthesis and application of a near-infrared fluorescent probe for in vivo imaging of aminopeptidase N. Chemical Communications, 2017, 53, 9438-9441.	2.2	69
1273	Effect of soft foods on primary human gingival epithelial cell growth and the wound healing process. Food Research International, 2017, 100, 433-441.	2.9	4
1274	Fluorinated Methacrylamide Chitosan Hydrogels Enhance Cellular Wound Healing Processes. Annals of Biomedical Engineering, 2017, 45, 2693-2702.	1.3	23

#	Article	IF	CITATIONS
1275	Connexin membrane materials as potent inhibitors of breast cancer cell migration. Journal of the Royal Society Interface, 2017, 14, 20170313.	1.5	10
1276	Lmo2 (LIM-Domain-Only 2) Modulates Sphk1 (Sphingosine Kinase) and Promotes Endothelial Cell Migration. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1860-1868.	1.1	21
1277	Si-doped porous TiO2 coatings enhanced in vitro angiogenic behavior of human umbilical vein endothelial cells. Colloids and Surfaces B: Biointerfaces, 2017, 159, 493-500.	2.5	20
1278	Rho-associated kinase is a therapeutic target in neuroblastoma. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6603-E6612.	3.3	52
1279	A Customizable Chamber for Measuring Cell Migration. Journal of Visualized Experiments, 2017, , .	0.2	1
1280	Analysis of Epidermal Growth Factor Receptor-Induced Cell Motility by Wound Healing Assay. Methods in Molecular Biology, 2017, 1652, 159-163.	0.4	6
1281	New aspects of coordination chemistry and biological activity of NTMP-related diphosphonates containing a heterocyclic ring. New Journal of Chemistry, 2017, 41, 10731-10741.	1.4	7
1282	In vitro studies to evaluate the effect of varying culture conditions and IPL fluencies on tenocyte activities. Lasers in Medical Science, 2017, 32, 1561-1570.	1.0	4
1283	Coral-associated bacterial extracts inhibit cellular NF-κB pathway. Cogent Environmental Science, 2017, 3, 1292865.	1.6	3
1284	Glioblastoma entities express subtle differences in molecular composition and response to treatment. Oncology Reports, 2017, 38, 1341-1352.	1.2	24
1285	ErbB Receptor Signaling. Methods in Molecular Biology, 2017, , .	0.4	10
1286	Microgravity simulation activates Cdc42 via Rap1GDS1 to promote vascular branch morphogenesis during vasculogenesis. Stem Cell Research, 2017, 25, 157-165.	0.3	7
1287	Dysregulation of YAP by ARF Stimulated with Tea-derived Carbon Nanodots. Scientific Reports, 2017, 7, 16577.	1.6	15
1288	Involvement of RNA helicase p68 in skin wound healing process in rats. Chinese Journal of Traumatology - English Edition, 2017, 20, 311-317.	0.7	0
1289	Inhibition of invasive properties of murine melanoma by bovine pancreatic DNase I in vitro and in vivo. Molecular Biology, 2017, 51, 562-570.	0.4	5
1290	An integrated computational and experimental study uncovers <scp>FUT</scp> 9 as a metabolic driver of colorectal cancer. Molecular Systems Biology, 2017, 13, 956.	3.2	38
1291	Enamel matrix proteins regulate hypoxia-induced cellular biobehavior and osteogenic differentiation in human periodontal ligament cells. Biotechnic and Histochemistry, 2017, 92, 606-618.	0.7	10
1292	Chemical Modification for Proteolytic Stabilization of the Selective α _v β ₃ Integrin RGDechi Peptide: in Vitro and in Vivo Activities on Malignant Melanoma Cells. Journal of Medicinal Chemistry, 2017, 60, 9874-9884.	2.9	20

#	Article	IF	CITATIONS
1293	Graphene Quantum Dots for Cell Proliferation, Nucleus Imaging, and Photoluminescent Sensing Applications. Scientific Reports, 2017, 7, 15858.	1.6	151
1294	Androgen Triggers the Pro-Migratory CXCL12/CXCR4 Axis in AR-Positive Breast Cancer Cell Lines: Underlying Mechanism and Possible Implications for the Use of Aromatase Inhibitors in Breast Cancer. Cellular Physiology and Biochemistry, 2017, 44, 66-84.	1.1	10
1295	Enhanced directional cell migration induced by vaccinia virus on a microfluidic-based multi-shear cell migration assay platform. Integrative Biology (United Kingdom), 2017, 9, 903-911.	0.6	5
1296	Tetra N -heterocyclic carbene dinuclear silver(I) complexes as potential anticancer agents: Synthesis and inÂvitro anticancer studies. Journal of Organometallic Chemistry, 2017, 853, 122-135.	0.8	20
1297	Modified bacterial cellulose based self-healable polyeloctrolyte film for wound dressing application. Carbohydrate Polymers, 2017, 174, 580-590.	5.1	72
1298	MicroRNAs-143 and -145 induce epithelial to mesenchymal transition and modulate the expression of junction proteins. Cell Death and Differentiation, 2017, 24, 1750-1760.	5.0	26
1299	Influence of rabbit notochordal cells on symptomatic intervertebral disc degeneration: anti-angiogenic capacity on human endothelial cell proliferation under hypoxia. Osteoarthritis and Cartilage, 2017, 25, 1738-1746.	0.6	27
1300	Targeting cancer cell integrins using gold nanorods in photothermal therapy inhibits migration through affecting cytoskeletal proteins. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5655-E5663.	3.3	151
1301	Accurate Region-of-Interest Recovery Improves the Measurement of the Cell Migration Rate in the In Vitro Wound Healing Assay. SLAS Technology, 2017, 22, 626-635.	1.0	3
1302	UV radiation promotes melanoma dissemination mediated by the sequential reaction axis of cathepsins–TGF-β1–FAP-α. British Journal of Cancer, 2017, 117, 535-544.	2.9	19
1303	An autocrine inflammatory forward-feedback loop after chemotherapy withdrawal facilitates the repopulation of drug-resistant breast cancer cells. Cell Death and Disease, 2017, 8, e2932-e2932.	2.7	76
1304	Transcription Factor CREM Mediates High Glucose Response in Cardiomyocytes and in a Male Mouse Model of Prolonged Hyperglycemia. Endocrinology, 2017, 158, 2391-2405.	1.4	22
1305	Proinflammatory CXCL12–CXCR4/CXCR7 Signaling Axis Drives Myc-Induced Prostate Cancer in Obese Mice. Cancer Research, 2017, 77, 5158-5168.	0.4	77
1306	Multifunctional peptide-lipid nanocomplexes for efficient targeted delivery of DNA and siRNA into breast cancer cells. Acta Biomaterialia, 2017, 59, 257-268.	4.1	39
1307	Generation and characterization of a human oral squamous carcinoma cell line SCC-9 with CRISPR/Cas9-mediated deletion of the p75 neurotrophin receptor. Archives of Oral Biology, 2017, 82, 223-232.	0.8	19
1308	A Gelatin-sulfonated Silk Composite Scaffold based on 3D Printing Technology Enhances Skin Regeneration by Stimulating Epidermal Growth and Dermal Neovascularization. Scientific Reports, 2017, 7, 4288.	1.6	104
1309	Biochemical and functional analysis of corticotropin releasing factor purified from an aqueous extract of human placenta used as wound healer. Journal of Pharmaceutical and Biomedical Analysis, 2017, 145, 298-306.	1.4	7
1310	The zebrafish ventricle: A hub of cardiac endothelial cells for in vitro cell behavior studies. Scientific Reports, 2017, 7, 2687.	1.6	21

#	Article	IF	CITATIONS
1311	FSIP1 binds HER2 directly to regulate breast cancer growth and invasiveness. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7683-7688.	3.3	22
1312	Scarless Tissue Regeneration. Frontiers in Nanobiomedical Research, 2017, , 1-25.	0.1	0
1313	Anticancer potential of Thevetia peruviana fruit methanolic extract. BMC Complementary and Alternative Medicine, 2017, 17, 241.	3.7	41
1314	Wogonin suppresses stem cell-like traits of CD133 positive osteosarcoma cell via inhibiting matrix metallopeptidase-9 expression. BMC Complementary and Alternative Medicine, 2017, 17, 304.	3.7	26
1315	VEGF isoforms have differential effects on permeability of human pulmonary microvascular endothelial cells. Respiratory Research, 2017, 18, 116.	1.4	29
1316	Quantitative assessment of angiogenesis and pericyte coverage in human cell-derived vascular sprouts. Inflammation and Regeneration, 2017, 37, 2.	1.5	46
1317	Synthetic peptide TEKKRRETVEREKE derived from ezrin induces differentiation of NIH/3T3 fibroblasts. European Journal of Pharmacology, 2017, 811, 249-259.	1.7	4
1318	Modification of a polyaniline nano-structured surface for selective cell behaviour. Sensors and Actuators B: Chemical, 2017, 252, 1078-1082.	4.0	1
1319	Hepatoprotective effects of litchi (Litchi chinensis) procyanidin A2 on carbon tetrachloride-induced liver injury in ICR mice. Experimental and Therapeutic Medicine, 2017, 13, 2839-2847.	0.8	16
1320	A Bayesian Computational Approach to Explore the Optimal Duration of a Cell Proliferation Assay. Bulletin of Mathematical Biology, 2017, 79, 1888-1906.	0.9	26
1321	In vitro and In vivo wound healing studies of methanolic fraction of Centella asiatica extract. South African Journal of Botany, 2017, 108, 163-174.	1.2	61
1322	Aberrant cytokine secretion and zinc uptake in chronic cadmiumâ€exposed lung epithelial cells. Proteomics - Clinical Applications, 2017, 11, 1600059.	0.8	11
1323	Hydrogen-rich water achieves cytoprotection from oxidative stress injury in human gingival fibroblasts in culture or 3D-tissue equivalents, and wound-healing promotion, together with ROS-scavenging and relief from glutathione diminishment. Human Cell, 2017, 30, 72-87.	1.2	40
1324	A tumoural angiogenic gateway blocker, Benzophenone-1B represses the HIF- $\hat{\Pi}$ ± nuclear translocation and its target gene activation against neoplastic progression. Biochemical Pharmacology, 2017, 125, 26-40.	2.0	35
1325	Withaferin A induces cell death and differentiation in multiple myeloma cancer stem cells. MedChemComm, 2017, 8, 112-121.	3.5	12
1326	Cathelicidinâ€encoding <i>Lactococcus lactis</i> promotes mucosal repair in murine experimental colitis. Journal of Gastroenterology and Hepatology (Australia), 2017, 32, 609-619.	1.4	15
1327	Structural characterization of a lectin from Canavalia virosa seeds with inflammatory and cytotoxic activities. International Journal of Biological Macromolecules, 2017, 94, 271-282.	3.6	24
1328	MicroRNA and protein profiles in invasive versus non-invasive oral tongue squamous cell carcinoma cells in vitro. Experimental Cell Research, 2017, 350, 9-18.	1.2	16

#	Article	IF	CITATIONS
1329	Lowâ€level stretching accelerates cell migration into a gap. International Wound Journal, 2017, 14, 698-703.	1.3	23
1330	Induced Pluripotent Stem Cell Model of Pulmonary Arterial Hypertension Reveals Novel Gene Expression and Patient Specificity. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 930-941.	2.5	72
1331	Zinc Oxide Nanorodâ€Based Piezoelectric Dermal Patch for Wound Healing. Advanced Functional Materials, 2017, 27, 1603497.	7.8	132
1332	A cold plasma jet accelerates wound healing in a murine model of fullâ€ŧhickness skin wounds. Experimental Dermatology, 2017, 26, 156-162.	1.4	181
1333	Dual targeting of <scp>EGFR</scp> and <scp>ERBB2</scp> pathways produces a synergistic effect on cancer cell proliferation and migration <i>in vitro</i> . Veterinary and Comparative Oncology, 2017, 15, 890-909.	0.8	11
1334	The Growth Inhibitory Potential and Antimetastatic Effect of Camel Urine on Breast Cancer Cells In Vitro and In Vivo. Integrative Cancer Therapies, 2017, 16, 540-555.	0.8	15
1335	Anti-Metastatic and Anti-Invasion Effects of a Specific Anti-MUC18 scFv Antibody on Breast Cancer Cells. Applied Biochemistry and Biotechnology, 2017, 181, 379-390.	1.4	19
1336	Effects of Environmental Pollutants on MCF-7 Cells: A Metabolic Approach. Journal of Cellular Biochemistry, 2017, 118, 366-375.	1.2	6
1337	Malignant pleural fluid from mesothelioma has potent biological activities. Respirology, 2017, 22, 192-199.	1.3	27
1338	Cell migration, viability and tissue reaction of calcium hypochlorite based-solutions irrigants: An in vitro and in vivo study. Archives of Oral Biology, 2017, 73, 34-39.	0.8	30
1339	Tribenzyltin carboxylates as anticancer drug candidates: Effect on the cytotoxicity, motility and invasiveness of breast cancer cell lines. European Journal of Medicinal Chemistry, 2017, 125, 770-783.	2.6	26
1340	Nanoâ€Bio Engineered Carbon Dotâ€Peptide Functionalized Water Dispersible Hyperbranched Polyurethane for Bone Tissue Regeneration. Macromolecular Bioscience, 2017, 17, 1600271.	2.1	49
1341	Negative Regulatory Role of TWIST1 on SNAIL Gene Expression. Pathology and Oncology Research, 2017, 23, 85-90.	0.9	16
1342	Functionalized silk fibroin dressing with topical bioactive insulin release for accelerated chronic wound healing. Materials Science and Engineering C, 2017, 72, 394-404.	3.8	75
1343	In vitro anticancer activity of the laminarans from Far Eastern brown seaweeds and their sulfated derivatives. Journal of Applied Phycology, 2017, 29, 543-553.	1.5	46
1344	Comparison of dextranâ€based sirolimusâ€eluting stents and PLAâ€based sirolimusâ€eluting stents <i>in vitro</i> and <i>in vivo</i> . Journal of Biomedical Materials Research - Part A, 2017, 105, 301-310.	2.1	8
1345	Ang 1/Tie 2 induces cell proliferation and migration in human papillary thyroid carcinoma via the PI3K/AKT pathway. Oncology Letters, 2018, 15, 1313-1318.	0.8	17
1346	Linking biological and physical aging: Dynamical scaling of multicellular regeneration. Physical Review E, 2017, 96, 062418.	0.8	8

#	Article	IF	CITATIONS
1347	Live-imaging of Breast Epithelial Cell Migration After the Transient Depletion of TIP60. Journal of Visualized Experiments, 2017 , , .	0.2	1
1348	MicroRNA‑378 regulates cell proliferation and migration by repressing RNF31 in pituitary adenoma. Oncology Letters, 2017, 15, 789-794.	0.8	9
1349	Characterization of extracellular vesicles derived from cardiac cells in an <i>in vitro</i> model of preconditioning. Journal of Extracellular Vesicles, 2017, 6, 1390391.	5.5	32
1350	WNK lysine deficient protein kinase 1 regulates human endometrial stromal cell decidualization, proliferation, and migration in part through mitogen-activated protein kinase 7. Biology of Reproduction, 2017, 97, 400-412.	1.2	21
1351	Novel function of E26 transformation-specific domain-containing protein ELK3 in lymphatic endothelial cells. Oncology Letters, 2017, 15, 55-60.	0.8	1
1352	Deterministic convection-diffusion approach for modeling cell motion and spatial organization: Experimentation on avascular tumor growth., 2017,,.		0
1353	Investigation of Cells Migration Effects in Microfluidic Chips. Journal of Chromatography & Separation Techniques, 2017, 08, .	0.2	2
1354	Loss of Complement Factor H in Plasma Increases Endothelial Cell Migration. Journal of Cancer, 2017, 8, 2184-2190.	1.2	12
1355	In Vitro Effectiveness of Microspheres Based on Silk Sericin and Chlorella vulgaris or Arthrospira platensis for Wound Healing Applications. Materials, 2017, 10, 983.	1.3	35
1356	Design, Synthesis and Evaluation of Naphthalimide Derivatives as Potential Anticancer Agents for Hepatocellular Carcinoma. Molecules, 2017, 22, 342.	1.7	19
1357	Isolation, Characterization and Bioactivities of an Extracellular Polysaccharide Produced from Streptomyces sp. MOE6. Molecules, 2017, 22, 1396.	1.7	27
1358	Exploring Wound-Healing Genomic Machinery with a Network-Based Approach. Pharmaceuticals, 2017, 10, 55.	1.7	6
1359	Zampanolide, a Microtubule-Stabilizing Agent, Is Active in Resistant Cancer Cells and Inhibits Cell Migration. International Journal of Molecular Sciences, 2017, 18, 971.	1.8	24
1360	GPE Promotes the Proliferation and Migration of Mouse Embryonic Neural Stem Cells and Their Progeny In Vitro. International Journal of Molecular Sciences, 2017, 18, 1280.	1.8	11
1361	Human Primary Epithelial Cells Acquire an Epithelial-Mesenchymal-Transition Phenotype during Long-Term Infection by the Oral Opportunistic Pathogen, Porphyromonas gingivalis. Frontiers in Cellular and Infection Microbiology, 2017, 7, 493.	1.8	81
1362	Wnt/ \hat{l}^2 -catenin Signaling Pathway Regulates Specific IncRNAs That Impact Dermal Fibroblasts and Skin Fibrosis. Frontiers in Genetics, 2017, 8, 183.	1.1	27
1363	Agonistic Anti-PDGF Receptor Autoantibodies from Patients with Systemic Sclerosis Impact Human Pulmonary Artery Smooth Muscle Cells Function In Vitro. Frontiers in Immunology, 2017, 8, 75.	2.2	25
1364	The IL-6/STAT3 Signaling Pathway Is an Early Target of Manuka Honey-Induced Suppression of Human Breast Cancer Cells. Frontiers in Oncology, 2017, 7, 167.	1.3	51

#	Article	IF	CITATIONS
1365	Oxidative Stress Triggered by Apigenin Induces Apoptosis in a Comprehensive Panel of Human Cervical Cancer-Derived Cell Lines. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-18.	1.9	64
1366	Sex Differences of Human Cardiac Progenitor Cells in the Biological Response to TNF- <i>α</i> Treatment. Stem Cells International, 2017, 2017, 1-9.	1.2	5
1367	Decoding of Non-Coding DNA and Non-Coding RNA: Pri-Micro RNA-Encoded Novel Peptides Regulate Migration of Cancer Cells. Journal of Pharmaceutical Sciences and Pharmacology, 2017, 3, 23-27.	0.2	29
1368	Antioxidant Potential of Selected Korean Edible Plant Extracts. BioMed Research International, 2017, 2017, 1-9.	0.9	16
1369	Brain derived neutrophic factor (BDNF) coordinates lymphovascular metastasis through a fibroblast-governed paracrine axis in the tumor microenvironment. Cancer Cell & Microenvironment, 2017, 4, .	0.8	8
1370	AAV-CRISPR/Cas9–Mediated Depletion of VEGFR2 Blocks Angiogenesis In Vitro. , 2017, 58, 6082.		30
1371	Interleukin-27 augments the inhibitory effects of sorafenib on bladder cancer cells. Brazilian Journal of Medical and Biological Research, 2017, 50, e6207.	0.7	12
1372	In vitro interaction of polymeric biomaterials with cells. , 2017, , 285-315.		3
1373	Locally Produced BDNF Promotes Sclerotic Change in Alveolar Bone after Nerve Injury. PLoS ONE, 2017, 12, e0169201.	1.1	21
1374	Identification of novel small molecules that inhibit STAT3-dependent transcription and function. PLoS ONE, 2017, 12, e0178844.	1.1	17
1375	The cytoprotective protein clusterin is overexpressed in hypergastrinemic rodent models of oxyntic preneoplasia and promotes gastric cancer cell survival. PLoS ONE, 2017, 12, e0184514.	1.1	9
1376	Using the Dot Assay to Analyze Migration of Cell Sheets. Journal of Visualized Experiments, 2017, , .	0.2	0
1377	Unravelling the interplay of sphingolipids and TGF- \hat{l}^2 signaling in the human corneal stroma. PLoS ONE, 2017, 12, e0182390.	1.1	15
1378	The role of bone marrow mononuclear cell-conditioned medium in the proliferation and migration of human dermal fibroblasts. Cellular and Molecular Biology Letters, 2017, 22, 29.	2.7	7
1379	Tumor microenvironment conditions alter Akt and Na+/H+ exchanger NHE1 expression in endothelial cells more than hypoxia alone: implications for endothelial cell function in cancer. BMC Cancer, 2017, 17, 542.	1.1	28
1380	Methanolic extract of Euchelus asper exhibits in-ovo anti-angiogenic and in vitro anti-proliferative activities. Biological Research, 2017, 50, 41.	1.5	9
1381	Myosin isoform expressed in metastatic prostate cancer stimulates cell invasion. Scientific Reports, 2017, 7, 8476.	1.6	13
1382	Human in vitro Model Reveals the Effects of Collagen Cross-linking on Keratoconus Pathogenesis. Scientific Reports, 2017, 7, 12517.	1.6	21

#	Article	IF	CITATIONS
1383	Prognostic value and functional role of ROCK2 in pediatric Ewing sarcoma. Oncology Letters, 2017, 15, 2296-2304.	0.8	1
1384	Inhibitory Effects and Anti-Invasive Activities of Trehalose Liposomes on the Proliferation of Lung Carcinoma Cells. Journal of Carcinogenesis & Mutagenesis, 2017, 08, .	0.3	1
1385	Apoptotic and Anti-invasive Effects of Hybrid Liposomes without Drugs against Human Breast Cancer Cells In Vitro. Journal of Nanomedicine & Biotherapeutic Discovery, 2017, 07, .	0.6	0
1386	Chondromodulin-I suppresses tumorigenesis of human osteosarcoma cells. Molecular Medicine Reports, 2017, 16, 8542-8548.	1.1	2
1387	Tumour Dissemination and Assays Involved. Archives in Cancer Research, 2017, 05, .	0.3	0
1388	Linear array of multi-substrate tracts for simultaneous assessment of cell adhesion, migration, and differentiation. BioTechniques, 2017, 63, 267-274.	0.8	0
1389	Cytotoxicity Effects of Extracts and Essential Oil of Kaempferia galanga on Cervical Cancer C33A Cell Line. Oriental Journal of Chemistry, 2017, 33, 1659-1664.	0.1	7
1390	Cerium Oxide Nanoparticles as Novel Tool in Glioma Treatment: An In vitro Study. Journal of Nanomedicine & Nanotechnology, 2017, 08, .	1.1	9
1391	Skin Photo-Protective and Anti-ageing Activity of Consciousness Energy Healing Treatment Based Herbomineral Formulation. Journal of Diseases and Medicinal Plants, 2017, 3, 49.	0.2	0
1392	Editing <i>VEGFR2</i> Blocks VEGF-Induced Activation of Akt and Tube Formation., 2017, 58, 1228.		47
1393	Evaluation of Skin Protective Effect Using & Skin Protective Effect Using & Evaluation of Skin Protective Effect Using & Skin Protective Effect Using & Skin Protection Skin P	0.3	1
1394	An <i>in Vitro</i> Study of Biofield Energy Healing Based Herbomineral Formulation for Skin Protection. American Journal of Laboratory Medicine, 2017, 2, 13.	0.1	1
1395	AIM: A Computational Tool for the Automatic Quantification of Scratch Wound Healing Assays. Applied Sciences (Switzerland), 2017, 7, 1237.	1.3	8
1396	The Study of Biofield Energy Treatment Based Herbomineral Formulation in Skin Health and Function. American Journal of BioScience, 2017, 5, 42.	0.3	5
1397	Biofield Energy Healing Based Herbomineral Formulation: An Emerging Frontier in Cosmetic Medicine. American Journal of Biomedical and Life Sciences, 2017, 5, 36.	0.2	0
1398	miR-136 targets MIEN1 and involves the metastasis of colon cancer by suppressing epithelial-to-mesenchymal transition. OncoTargets and Therapy, 2018, Volume 11, 67-74.	1.0	20
1399	Resveratrol inhibits transforming growth factor-& pitchelial; 2-induced epithelial-to-mesenchymal transition in human retinal pigment epithelial cells by suppressing the Smad pathway. Drug Design, Development and Therapy, 2017, Volume11, 163-173.	2.0	60
1400	Knockdown of COBRA1 decreases the proliferation and migration of hepatocellular carcinoma cells. Oncology Reports, 2017, 37, 1896-1906.	1.2	14

#	Article	IF	CITATIONS
1401	Skin Wound Healing Effects and Action Mechanism of Acai Berry Water Extracts. Toxicological Research, 2017, 33, 149-156.	1.1	17
1402	Ferruginol exhibits anticancer effects in OVCAR-3 human ovary cancer cells by inducing apoptosis, inhibition of cancer cell migration and G2/M phase cell cycle arrest. Molecular Medicine Reports, 2017, 16, 7013-7017.	1.1	25
1403	Deterministic Convection-Diffusion Approach for Modeling Cell Motion and Spatial Organization: Experimentation on Avascular Tumor Growth., 2017,,.		0
1404	DNA methylation regulated microRNAs in HPV-16-induced head and neck squamous cell carcinoma (HNSCC). Molecular and Cellular Biochemistry, 2018, 448, 321-333.	1.4	18
1405	Extracellular ATP is Differentially Metabolized on Papillary Thyroid Carcinoma Cells Surface in Comparison to Normal Cells. Cancer Microenvironment, 2018, 11, 61-70.	3.1	13
1406	Sensing of Vimentin mRNA in 2D and 3D Models of Wounded Skin Using DNAâ€Coated Gold Nanoparticles. Small, 2018, 14, e1703489.	5.2	23
1407	Strong enhancement by IGF1-R antagonists of hepatocellular carcinoma cell migration inhibition by Sorafenib and/or vitamin K1. Cellular Oncology (Dordrecht), 2018, 41, 283-296.	2.1	16
1408	A selective $\hat{l}\pm v \hat{l}^2$ 5 integrin antagonist hidden into the anophelin family protein cE5 from the malaria vector Anopheles gambiae. Peptide Science, 2018, 110, e24054.	1.0	7
1409	Lycium barbarum polysaccharide protects against LPS-induced ARDS by inhibiting apoptosis, oxidative stress, and inflammation in pulmonary endothelial cells. Free Radical Research, 2018, 52, 480-490.	1.5	52
1410	Functional characterisation of bioactive peptide derived from terrestrial snail ⟨i⟩Cryptozona bistrialis⟨ i⟩ and its woundâ€healing property in normal and diabeticâ€induced Wistar albino rats. International Wound Journal, 2018, 15, 350-362.	1.3	8
1411	Anti-inflammatory effect of diterpenes-enriched fractions from <i>Pterodon polygalaeflorus</i> through inhibition of macrophage migration and cytokine production. Journal of Pharmacy and Pharmacology, 2018, 70, 808-820.	1.2	7
1412	Fucogalactan from the giant mushroom Macrocybe titans inhibits melanoma cells migration. Carbohydrate Polymers, 2018, 190, 50-56.	5.1	17
1413	Ursodeoxycholyl lysophosphatidylethanolamide negatively regulates TLR-mediated lipopolysaccharide response in human THP-1-derived macrophages. European Journal of Pharmacology, 2018, 825, 63-74.	1.7	3
1414	Effect of 660Ânm visible red light on cell proliferation and viability in diabetic models in vitro under stressed conditions. Lasers in Medical Science, 2018, 33, 1085-1093.	1.0	29
1415	Histone acetyltransferase 7 (KAT7)-dependent intragenic histone acetylation regulates endothelial cell gene regulation. Journal of Biological Chemistry, 2018, 293, 4381-4402.	1.6	31
1416	The role of initial geometry in experimental models of wound closing. Chemical Engineering Science, 2018, 179, 221-226.	1.9	29
1417	Fetal bovine serum induces sustained, but reversible, epithelial-mesenchymal transition in the BEAS-2B cell line. Toxicology in Vitro, 2018, 50, 383-390.	1.1	18
1418	Insights from diversified anti-angiogenic models: Role of \hat{l}^2 -interferon inducer DEAE-Dextran. Pharmacological Reports, 2018, 70, 549-557.	1.5	0

#	Article	IF	CITATIONS
1419	Novel aromatic polyketides from soil Streptomyces spp.: purification, characterization and bioactivity studies. World Journal of Microbiology and Biotechnology, 2018, 34, 67.	1.7	8
1420	Heparin Functionalized Injectable Cryogel with Rapid Shape-Recovery Property for Neovascularization. Biomacromolecules, 2018, 19, 2257-2269.	2.6	69
1421	Differential expression of IL-6/IL-6R and MAO-A regulates invasion/angiogenesis in breast cancer. British Journal of Cancer, 2018, 118, 1442-1452.	2.9	34
1422	Patientâ€Specific Bioinks for 3D Bioprinting of Tissue Engineering Scaffolds. Advanced Healthcare Materials, 2018, 7, e1701347.	3.9	115
1423	Conditioned medium from umbilical cord mesenchymal stem cells improves nasal mucosa damage by radiation. Biotechnology Letters, 2018, 40, 999-1007.	1.1	2
1424	Stromal vascular fraction promotes fibroblast migration and cellular viability in a hyperglycemic microenvironment through up-regulation of wound healing cytokines. Experimental and Molecular Pathology, 2018, 104, 250-255.	0.9	11
1425	Expression of tenascinâ \in C in a rat vocal fold injury model and its regulation of fibroblasts. Laryngoscope, 2018, 128, E316-E322.	1.1	7
1426	Heparin-binding epidermal growth factor contributes to COPD disease severity by modulating airway fibrosis and pulmonary epithelial–mesenchymal transition. Laboratory Investigation, 2018, 98, 1159-1169.	1.7	15
1427	Serum amyloid A1 in combination with integrin $\hat{l}\pm V\hat{l}^23$ increases glioblastoma cells mobility and progression. Molecular Oncology, 2018, 12, 756-771.	2.1	32
1428	PEGylated TiO ₂ nanoparticles mediated inhibition of cell migration via integrin beta 1. Science and Technology of Advanced Materials, 2018, 19, 271-281.	2.8	12
1429	Inhibiting Fibronectin Attenuates Fibrosis and Improves Cardiac Function in a Model of Heart Failure. Circulation, 2018, 138, 1236-1252.	1.6	185
1430	Tropoelastin Implants That Accelerate Wound Repair. Advanced Healthcare Materials, 2018, 7, e1701206.	3.9	29
1431	SPRY2 is a novel MET interactor that regulates metastatic potential and differentiation in rhabdomyosarcoma. Cell Death and Disease, 2018, 9, 237.	2.7	19
1432	Poly(lactic-co-glycolic) Acid as a Slow-Release Drug-Carrying Matrix for Methotrexate Coated onto Intraocular Lenses to Conquer Posterior Capsule Opacification. Current Eye Research, 2018, 43, 702-708.	0.7	21
1433	Silver complex of salicylic acid and its hydrogel-cream in wound healing chemotherapy. Journal of Inorganic Biochemistry, 2018, 181, 41-55.	1.5	43
1434	O -GlcNAcylation affects \hat{I}^2 -catenin and E-cadherin expression, cell motility and tumorigenicity of colorectal cancer. Experimental Cell Research, 2018, 364, 42-49.	1.2	41
1435	Molecular influence of anterior cruciate ligament tear remnants on chondrocytes: a biologic connection between injury and osteoarthritis. Osteoarthritis and Cartilage, 2018, 26, 588-599.	0.6	34
1436	Cadherins in vascular smooth muscle cell (patho)biology: Quid nos scimus?. Cellular Signalling, 2018, 45, 23-42.	1.7	19

#	Article	IF	CITATIONS
1437	Cellular Senescence Is Induced by the Environmental Neurotoxin Paraquat and Contributes to Neuropathology Linked to Parkinson's Disease. Cell Reports, 2018, 22, 930-940.	2.9	342
1438	Angiogenic Activity of Human Adipose-Derived Mesenchymal Stem Cells Under Simulated Microgravity. Stem Cells and Development, 2018, 27, 831-837.	1.1	24
1439	Nuclear FAK and its kinase activity regulate VEGFR2 transcription in angiogenesis of adult mice. Scientific Reports, 2018, 8, 2550.	1.6	41
1440	Discrete and Continuum Approximations for Collective Cell Migration in a Scratch Assay with Cell Size Dynamics. Bulletin of Mathematical Biology, 2018, 80, 738-757.	0.9	23
1441	Pre-clinical effects of metformin and aspirin on the cell lines of different breast cancer subtypes. Investigational New Drugs, 2018, 36, 782-796.	1.2	48
1442	The emu oil emulsified in egg lecithin and butylated hydroxytoluene enhanced the proliferation, stemness gene expression, and in vitro wound healing of adipose-derived stem cells. In Vitro Cellular and Developmental Biology - Animal, 2018, 54, 205-216.	0.7	10
1443	Hydroxyethyl cellulose hydrogel for wound dressing: Fabrication, characterization and in vitro evaluation. International Journal of Biological Macromolecules, 2018, 111, 649-659.	3.6	131
1444	Exosome-mediated breast cancer chemoresistance via miR-155 transfer. Scientific Reports, 2018, 8, 829.	1.6	222
1445	Mi <scp>RNA</scp> â€320a inhibits trophoblast cell invasion by targeting estrogenâ€related receptorâ€gamma. Journal of Obstetrics and Gynaecology Research, 2018, 44, 756-763.	0.6	26
1446	Tribromophenol affects the metabolism, proliferation, migration and multidrug resistance transporters activity of murine melanoma cells B16F1. Toxicology in Vitro, 2018, 50, 40-46.	1.1	8
1447	Preclinical models for wound-healing studies. , 2018, , 223-253.		12
1448	Genetically Encoded Circuit for Remote Regulation of Cell Migration by Magnetic Fields. ACS Synthetic Biology, 2018, 7, 718-726.	1.9	19
1449	Targeted inhibitors of P-glycoprotein increase chemotherapeutic-induced mortality of multidrug resistant tumor cells. Scientific Reports, 2018, 8, 967.	1.6	189
1450	Photobiomodulation induces in vitro re-epithelialization via nitric oxide production. Lasers in Medical Science, 2018, 33, 1003-1008.	1.0	28
1451	PLAC8, a new marker for human interstitial extravillous trophoblast cells, promotes their invasion and migration. Development (Cambridge), 2018, 145, .	1.2	57
1452	The biological changes of umbilical cord mesenchymal stem cells in inflammatory environment induced by different cytokines. Molecular and Cellular Biochemistry, 2018, 446, 171-184.	1.4	28
1453	Extremely lowâ€frequency electromagnetic fields accelerates wound healing modulating <scp>MMP</scp> â€9 and inflammatory cytokines. Cell Proliferation, 2018, 51, e12432.	2.4	51
1454	Chemical characterization and wound healing property of a β-D-glucan from edible mushroom Piptoporus betulinus. International Journal of Biological Macromolecules, 2018, 117, 1361-1366.	3.6	19

#	Article	IF	CITATIONS
1455	A Potent Antagonist of Protease-Activated Receptor 2 That Inhibits Multiple Signaling Functions in Human Cancer Cells. Journal of Pharmacology and Experimental Therapeutics, 2018, 364, 246-257.	1.3	50
1456	Hydrophilic surface modification of coronary stent using an atmospheric pressure plasma jet for endothelialization. Journal of Biomaterials Applications, 2018, 32, 1083-1089.	1.2	8
1457	Mouse Metanephric Mesenchymal Cell–Derived Angioblasts Undergo Vasculogenesis in Three-Dimensional Culture. American Journal of Pathology, 2018, 188, 768-784.	1.9	3
1458	Matrix regeneration agents improve wound healing in non-stressed human corneal epithelial cells. Eye, 2018, 32, 813-819.	1.1	5
1459	Toxicity of the readily leachable fraction of urban PM2.5 to human lung epithelial cells: Role of soluble metals. Chemosphere, 2018, 196, 35-44.	4.2	44
1460	Effect of poly(ethylene glycol) on insulin stability and cutaneous cell proliferation in vitro following cytoplasmic delivery of insulin-loaded nanoparticulate carriers – A potential topical wound management approach. European Journal of Pharmaceutical Sciences, 2018, 114, 372-384.	1.9	22
1461	Activin-A causes Hepatic stellate cell activation via the induction of TNF \hat{I} ± and TGF \hat{I} 2 in Kupffer cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 891-899.	1.8	37
1462	High-Precision Photothermal Ablation Using Biocompatible Palladium Nanoparticles and Laser Scanning Microscopy. ACS Applied Materials & Scanning Microscopy.	4.0	28
1464	Estrogen Mitigates the Negative Effects of Arsenic Contamination in an <i>In Vitro</i> Wound Model. Applied in Vitro Toxicology, 2018, 4, 24-29.	0.6	8
1465	Design, synthesis and biological evaluation of new carbazole derivatives as anti-cancer and anti-migratory agents. Bioorganic and Medicinal Chemistry, 2018, 26, 884-890.	1.4	32
1466	Discovery and characterization of an iminocoumarin scaffold as an inhibitor of MEKK2 (MAP3K2). Biochemical and Biophysical Research Communications, 2018, 496, 205-211.	1.0	6
1467	Synthesis and biological evaluation of novel bavachinin analogs as anticancer agents. European Journal of Medicinal Chemistry, 2018, 145, 511-523.	2.6	32
1468	The novel brassinosteroid analog BR4848 inhibits angiogenesis in human endothelial cells and induces apoptosis in human cancer cells in vitro. Journal of Steroid Biochemistry and Molecular Biology, 2018, 178, 263-271.	1.2	8
1469	3D TECA hydrogel reduces cellular senescence and enhances fibroblasts migration in wound healing. Asian Journal of Pharmaceutical Sciences, 2018, 13, 317-325.	4.3	12
1470	Cbx3 inhibits vascular smooth muscle cell proliferation, migration, and neointima formation. Cardiovascular Research, 2018, 114, 443-455.	1.8	33
1471	Accelerated host angiogenesis and immune responses by ion release from mesoporous bioactive glass. Journal of Materials Chemistry B, 2018, 6, 3274-3284.	2.9	56
1472	<i>Echinococcus granulosus</i> cyst fluid enhances epithelialâ€mesenchymal transition. Parasite Immunology, 2018, 40, e12533.	0.7	4
1473	Positive in vitro wound healing effects of functional inclusion bodies of a lipoxygenase from the Mexican axolotl. Microbial Cell Factories, 2018, 17, 57.	1.9	15

#	Article	IF	CITATIONS
1474	miR-19b enhances proliferation and apoptosis resistance via the EGFR signaling pathway by targeting PP2A and BIM in non-small cell lung cancer. Molecular Cancer, 2018, 17, 44.	7.9	73
1475	A PDMS Device Coupled with Culture Dish for In Vitro Cell Migration Assay. Applied Biochemistry and Biotechnology, 2018, 186, 633-643.	1.4	4
1476	In vitro and In vivo characterization of quercetin loaded multiphase hydrogel for wound healing application. International Journal of Biological Macromolecules, 2018, 115, 1211-1217.	3.6	61
1477	Silk Sponges Ornamented with a Placenta-Derived Extracellular Matrix Augment Full-Thickness Cutaneous Wound Healing by Stimulating Neovascularization and Cellular Migration. ACS Applied Materials & Samp; Interfaces, 2018, 10, 16977-16991.	4.0	57
1478	Human Adipose-Derived Stem Cell Conditioned Media and Exosomes Containing <i>MALAT1</i> Promote Human Dermal Fibroblast Migration and Ischemic Wound Healing. Advances in Wound Care, 2018, 7, 299-308.	2.6	119
1479	Nanohybrids with Magnetic and Persistent Luminescence Properties for Cell Labeling, Tracking, In Vivo Realâ€Time Imaging, and Magnetic Vectorization. Small, 2018, 14, e1800020.	5.2	38
1480	Differences between the tolerance of camel oocytes and cumulus cells to acute and chronic hyperthermia. Journal of Thermal Biology, 2018, 74, 47-54.	1.1	25
1481	Green Approach To Synthesize Crystalline Nanoscale Zn ^{II} -Coordination Polymers: Cell Growth Inhibition and Immunofluorescence Study. Inorganic Chemistry, 2018, 57, 4050-4060.	1.9	107
1482	Anticancer potential of benzothiazolic derivative (E)-2-((2-(benzo[d]thiazol-2-yl)hydrazono)methyl)-4-nitrophenol against melanoma cells. Toxicology in Vitro, 2018, 50, 225-235.	1.1	11
1483	Topical vancomycin and its effect on survival and migration of osteoblasts, fibroblasts, and myoblasts: An in vitro study. Journal of Orthopaedics, 2018, 15, 53-58.	0.6	19
1484	Aqueous extract of Sapindus mukorossi induced cell death of A549 cells and exhibited antitumor property in vivo. Scientific Reports, 2018, 8, 4831.	1.6	14
1485	Crystal structure of DlyL, a mannose-specific lectin from Dioclea lasiophylla Mart. Ex Benth seeds that display cytotoxic effects against C6 glioma cells. International Journal of Biological Macromolecules, 2018, 114, 64-76.	3.6	25
1486	Caspaseâ€3 regulates the migration, invasion and metastasis of colon cancer cells. International Journal of Cancer, 2018, 143, 921-930.	2.3	169
1487	Analysis of In Vivo Cell Migration in Mosaic Zebrafish Embryos. Methods in Molecular Biology, 2018, 1749, 213-226.	0.4	15
1488	Sense-Antisense IncRNA Pair Encoded by Locus 6p22.3 Determines Neuroblastoma Susceptibility via the USP36-CHD7-SOX9 Regulatory Axis. Cancer Cell, 2018, 33, 417-434.e7.	7.7	122
1489	Allogeneic platelet-rich plasma affects monocyte differentiation to dendritic cells causing an anti-inflammatory microenvironment, putatively fostering wound healing. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 30-43.	1.3	30
1490	Platelet-rich plasma-based bioactive membrane as a new advanced wound care tool. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e82-e96.	1.3	20
1491	miR-133 involves in lung adenocarcinoma cell metastasis by targeting FLOT2. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 224-230.	1.9	17

#	Article	IF	CITATIONS
1492	Melatonin promotes survival of nonvascularized fat grafts and enhances the viability and migration of human adiposeâ€derived stem cells via downâ€regulation of acute inflammatory cytokines. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 382-392.	1.3	14
1493	Anti-proliferative and anti-migratory effects of hyperforin in 2D and 3D artificial constructs of human dermal fibroblasts – A new option for hypertrophic scar treatment?. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 126, 108-114.	2.0	15
1494	Bayesian Synthetic Likelihood. Journal of Computational and Graphical Statistics, 2018, 27, 1-11.	0.9	95
1495	Down-regulation of MicroRNA-133 predicts poor overall survival and regulates the growth and invasive abilities in glioma. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 206-210.	1.9	13
1496	Separation of two sub-groups with different DNA content after treatment of T-47D breast cancer cells with low dose-rate irradiation and intermittent hypoxia. Acta Radiologica, 2018, 59, 26-33.	0.5	5
1497	α-Lipoic acid prevents the intestinal epithelial monolayer damage under heat stress conditions: model experiments in Caco-2 cells. European Journal of Nutrition, 2018, 57, 1577-1589.	1.8	23
1498	IFNâ€gamma priming of adiposeâ€derived stromal cells at "physiological―hypoxia. Journal of Cellular Physiology, 2018, 233, 1535-1547.	2.0	18
1499	Glial cellâ€derived neurotrophic factor promotes dental pulp stem cell migration. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 705-714.	1.3	11
1500	Bilirubin coating attenuates the inflammatory response to everolimusâ€coated stents. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 1486-1495.	1.6	11
1501	The Immunomodulatory Role of BMP-2 on Macrophages to Accelerate Osteogenesis. Tissue Engineering - Part A, 2018, 24, 584-594.	1.6	98
1502	The antimicrobial peptide nisin Z induces selective toxicity and apoptotic cell death in cultured melanoma cells. Biochimie, 2018, 144, 28-40.	1.3	47
1503	The biological impact of blood pressure-associated genetic variants in the natriuretic peptide receptor C gene on human vascular smooth muscle. Human Molecular Genetics, 2018, 27, 199-210.	1.4	21
1505	Test of Antifibrotic Drugs in a Cellular Model of Fibrosis Based on Muscle-Derived Fibroblasts from Duchenne Muscular Dystrophy Patients. Methods in Molecular Biology, 2018, 1687, 205-217.	0.4	3
1506	Cell Migration with Microfluidic Chips. Integrated Analytical Systems, 2018, , 149-179.	0.4	0
1507	Skin penetration and <scp>UV</scp> â€damage prevention by nanoberries. Journal of Cosmetic Dermatology, 2018, 17, 889-899.	0.8	19
1508	Fibrocartilage Stem Cells Engraft and Self-Organize into Vascularized Bone. Journal of Dental Research, 2018, 97, 329-337.	2.5	21
1509	Establishment of a cell-based wound healing assay for bio-relevant testing of wound therapeutics. Journal of Pharmacological and Toxicological Methods, 2018, 89, 19-25.	0.3	14
1510	Inherent differences in keratinocyte function in hidradenitis suppurativa: Evidence for the role of IL-22 in disease pathogenesis. Immunological Investigations, 2018, 47, 57-70.	1.0	21

#	Article	IF	CITATIONS
1511	Functionalized <scp>PVA</scp> –silk blended nanofibrous mats promote diabetic wound healing via regulation of extracellular matrix and tissue remodelling. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e1559-e1570.	1.3	85
1512	Effects of exposure to six chemical ultraviolet filters commonly used in personal care products on motility of MCFâ€7 and MDAâ€MBâ€231 human breast cancer cells in vitro. Journal of Applied Toxicology, 2018, 38, 148-159.	1.4	36
1513	Development of a novel nano-sized anti-VEGFA nanobody with enhanced physicochemical and pharmacokinetic properties. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1402-1414.	1.9	20
1514	Collagen-fucoidan blend film with the potential to induce fibroblast proliferation for regenerative applications. International Journal of Biological Macromolecules, 2018, 106, 1032-1040.	3.6	48
1515	Effects of propofol on wound closure and barrier function of cultured endothelial cells. European Journal of Anaesthesiology, 2018, 35, 200-207.	0.7	3
1516	Syndecan-2 Attenuates Radiation-induced Pulmonary Fibrosis and Inhibits Fibroblast Activation by Regulating PI3K/Akt/ROCK Pathway via CD148. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 208-215.	1.4	56
1517	Identification of 2,4-dihydroxy-5-pyrimidinyl imidothiocarbomate as a novel inhibitor to Y box binding protein-1 (YB-1) and its therapeutic actions against breast cancer. European Journal of Pharmaceutical Sciences, 2018, 116, 2-14.	1.9	18
1518	Glioblastoma multiforme-derived extracellular vesicles drive normal astrocytes towards a tumour-enhancing phenotype. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20160477.	1.8	69
1519	Combinational siRNA delivery using hyaluronic acid modified amphiphilic polyplexes against cell cycle and phosphatase proteins to inhibit growth and migration of triple-negative breast cancer cells. Acta Biomaterialia, 2018, 66, 294-309.	4.1	31
1520	Epigallocatechin-3- <i>O</i> -gallate alleviates the malignant phenotype in A-431 epidermoid and SK-BR-3 breast cancer cell lines. International Journal of Food Sciences and Nutrition, 2018, 69, 584-597.	1.3	10
1521	$4~\hat{l}^2$ -amidotriazole linked podophyllotoxin congeners: DNA topoisomerase-ll \hat{l}^\pm inhibition and potential anticancer agents for prostate cancer. European Journal of Medicinal Chemistry, 2018, 144, 595-611.	2.6	50
1522	miR-22 Is a Novel Mediator of Vascular Smooth Muscle Cell Phenotypic Modulation and Neointima Formation. Circulation, 2018, 137, 1824-1841.	1.6	155
1523	Tape-Assisted Photolithographic-Free Microfluidic Chip Cell Patterning for Tumor Metastasis Study. Analytical Chemistry, 2018, 90, 777-784.	3.2	29
1524	Shotgun labelâ€free proteomic analysis for identification of proteins in HaCaT human skin keratinocytes regulated by the administration of collagen from softâ€shelled turtle. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 2403-2413.	1.6	2
1525	Reduced prostaglandin I 2 signaling in Arid5b $\hat{a}^{\prime\prime}/\hat{a}^{\prime\prime}$ primary skeletal muscle cells attenuates myogenesis. FASEB Journal, 2018, 32, 1868-1879.	0.2	12
1526	Lipid rafts disruption induces apoptosis by attenuating expression of LRP6 and survivin in triple negative breast cancer. Biomedicine and Pharmacotherapy, 2018, 97, 359-368.	2.5	40
1527	Development and formulation of Moringa oleifera standardised leaf extract film dressing for wound healing application. Journal of Ethnopharmacology, 2018, 212, 188-199.	2.0	55
1528	Live-Cell High Content Screening in Drug Development. Methods in Molecular Biology, 2018, 1683, 149-164.	0.4	26

#	Article	IF	CITATIONS
1529	Networked concave microwell arrays for constructing 3D cell spheroids. Biofabrication, 2018, 10, 015001.	3.7	37
1530	Peptides derived from histidine and methionineâ€rich regions of copper transporter 1 exhibit antiâ€angiogenic property by chelating extracellular Cu. Chemical Biology and Drug Design, 2018, 91, 797-804.	1.5	10
1531	Pharmacologic Inhibition of the Menin–MLL Interaction Leads to Transcriptional Repression of <i>PEG10</i> and Blocks Hepatocellular Carcinoma. Molecular Cancer Therapeutics, 2018, 17, 26-38.	1.9	40
1532	Contribution of different molecular weight fractions to anticancer effect of sweet potato protein hydrolysates by six proteases on <scp>HT</scp> â€29 colon cancer cells. International Journal of Food Science and Technology, 2018, 53, 525-532.	1.3	24
1533	Mkit: A cell migration assay based on microfluidic device and smartphone. Biosensors and Bioelectronics, 2018, 99, 259-267.	5.3	27
1534	Canavalia bonariensis lectin: Molecular bases of glycoconjugates interaction and antiglioma potential. International Journal of Biological Macromolecules, 2018, 106, 369-378.	3.6	20
1535	Morphological and molecular characterization of human hamstrings shows that tendon features are not influenced by donor age. Knee Surgery, Sports Traumatology, Arthroscopy, 2018, 26, 343-352.	2.3	7
1536	LED Phototherapy with Gelatin Sponge Promotes Wound Healing in Mice. Photochemistry and Photobiology, 2018, 94, 179-185.	1.3	8
1537	Pharmacological activities of a novel plant species, Huernia Sp. Nov. aff. Boleana growing in the high mountains of southwest Saudi Arabia. Molecular Medicine Reports, 2018, 17, 6059-6067.	1.1	4
1538	Interleukin-17 induces angiogenesis in $\tilde{A}^-\hat{A}_2$, \hat{A}_2 /2 vitro via CXCL8 and CCL2 in retinal pigment epithelium. Molecular Medicine Reports, 2018, 17, 4627-4632.	1.1	6
1539	Polysialic acid is released by human umbilical vein endothelial cells (HUVEC) in vitro. Cell and Bioscience, 2018, 8, 64.	2.1	12
1540	Fe3O4-solamargine induces apoptosis and inhibits metastasis of pancreatic cancer cells. International Journal of Oncology, 2018, 54, 905-915.	1.4	16
1541	Polycaprolactone nanofibers functionalized with placental derived extracellular matrix for stimulating wound healing activity. Journal of Materials Chemistry B, 2018, 6, 6767-6780.	2.9	48
1542	A long-lived peptide-conjugated iridium(<scp>iii</scp>) complex as a luminescent probe and inhibitor of the cell migration mediator, formyl peptide receptor 2. Chemical Science, 2018, 9, 8171-8177.	3.7	63
1543	Anti-Scarring Drug Screening with Near-Infrared Molecular Probes Targeting Fibroblast Activation Protein-α. ACS Applied Bio Materials, 2018, 1, 2054-2061.	2.3	11
1544	The geranyl acetophenone tHGA attenuates human bronchial smooth muscle proliferation via inhibition of AKT phosphorylation. Scientific Reports, 2018, 8, 16640.	1.6	6
1545	In Vitro and in Vivo Evaluation of the Wound Healing Properties of Nanofibrillated Cellulose Hydrogels. ACS Applied Bio Materials, 2018, 1, 1853-1863.	2.3	31
1546	Vasoinhibin comprises a three-helix bundle and its antiangiogenic domain is located within the first 79 residues. Scientific Reports, 2018, 8, 17111.	1.6	14

#	Article	IF	CITATIONS
1547	The Heterochromatin Landscape in Migrating Cells and the Importance of H3K27me3 for Associated Transcriptome Alterations. Cells, 2018, 7, 205.	1.8	26
1548	Interleukinâ€'10 promotes proliferation and migration, and inhibits tendon differentiation via the JAK/Stat3 pathway in tendonâ€'derived stem cells in�vitro. Molecular Medicine Reports, 2018, 18, 5044-5052.	1.1	16
1549	Peptidic inhibitors of insulin-degrading enzyme with potential for dermatological applications discovered via phage display. PLoS ONE, 2018, 13, e0193101.	1.1	17
1550	Positional Stability and Membrane Occupancy Define Skin Fibroblast Homeostasis InÂVivo. Cell, 2018, 175, 1620-1633.e13.	13.5	73
1551	Migratory Metrics of Wound Healing: A Quantification Approach for in vitro Scratch Assays. Frontiers in Oncology, 2018, 8, 633.	1.3	19
1552	Adipose-Derived Mesenchymal Stem Cells Migrate and Rescue RPE in the Setting of Oxidative Stress. Stem Cells International, 2018, 2018, 1-11.	1.2	24
1553	Growth inhibition of KRASâ€ʻi¿½and EGFRâ€ʻmutant lung adenocarcinoma by cosuppression of STAT3 and the SRC/ARHGAP35 axis. Oncology Reports, 2018, 40, 1761-1768.	1.2	6
1554	ROCK Inhibitor Y27632 Induced Morphological Shift and Enhanced Neurite Outgrowth-Promoting Property of Olfactory Ensheathing Cells via YAP-Dependent Up-Regulation of L1-CAM. Frontiers in Cellular Neuroscience, 2018, 12, 489.	1.8	9
1555	Noninvasive evaluation of 18F-FDG/18F-FMISO-based Micro PET in monitoring hepatic metastasis of colorectal cancer. Scientific Reports, 2018, 8, 17832.	1.6	8
1556	Effect of a Collagen-Based Compound on Morpho-Functional Properties of Cultured Human Tenocytes. Cells, 2018, 7, 246.	1.8	14
1557	Notch signaling pathway is a potential therapeutic target for extracranial vascular malformations. Scientific Reports, 2018, 8, 17987.	1.6	23
1558	Type VI collagen promotes lung epithelial cell spreading and wound-closure. PLoS ONE, 2018, 13, e0209095.	1.1	27
1559	Adipocytes and Obesity-Related Conditions Jointly Promote Breast Cancer Cell Growth and Motility: Associations With CAP1 for Prognosis. Frontiers in Endocrinology, 2018, 9, 689.	1.5	21
1560	CHAF1B knockdown blocks migration in a hepatocellular carcinoma model. Oncology Reports, 2018, 40, 405-413.	1.2	18
1561	Talin Autoinhibition Regulates Cell-ECM Adhesion Dynamics and Wound Healing InÂVivo. Cell Reports, 2018, 25, 2401-2416.e5.	2.9	34
1562	Cytochalasin H isolated from mangrove†derived endophytic fungus induces apoptosis and inhibits migration in lung cancer cells. Oncology Reports, 2018, 39, 2899-2905.	1.2	9
1563	N-Benzyl-N-methyl-dodecan-1-amine, a novel compound from garlic, exerts anti-cancer effects on human A549 lung cancer cells overexpressing cancer upregulated gene (CUG)2. European Journal of Pharmacology, 2018, 841, 19-27.	1.7	10
1564	Salvianolic acid B as an anti-emphysema agent I: In vitro stimulation of lung cell proliferation and migration, and protection against lung cell death, and in vivo lung STAT3 activation and VEGF elevation. Pulmonary Pharmacology and Therapeutics, 2018, 53, 107-115.	1.1	8

#	Article	IF	CITATIONS
1565	Tumor–Stroma Cross-Talk in Human Pancreatic Ductal Adenocarcinoma: A Focus on the Effect of the Extracellular Matrix on Tumor Cell Phenotype and Invasive Potential. Cells, 2018, 7, 158.	1.8	43
1566	Formin-like 3 regulates RhoC/FAK pathway and actin assembly to promote cell invasion in colorectal carcinoma. World Journal of Gastroenterology, 2018, 24, 3884-3897.	1.4	24
1567	Caffeic Acid Versus Caffeic Acid Phenethyl Ester in the Treatment of Breast Cancer MCF-7 Cells: Migration Rate Inhibition. Integrative Cancer Therapies, 2018, 17, 1247-1259.	0.8	48
1568	Could hypoxia influence basic biological properties and ultrastructural features of adult canine mesenchymal stem /stromal cells?. Veterinary Research Communications, 2018, 42, 297-308.	0.6	4
1569	An accurate and cost-effective alternative method for measuring cell migration with the circular wound closure assay. Bioscience Reports, 2018, 38, .	1.1	40
1570	In vitro molecular study of wound healing using biosynthesized bacteria nanocellulose/silver nanocomposite assisted by bioinformatics databases. International Journal of Nanomedicine, 2018, Volume 13, 5097-5112.	3.3	37
1571	Cysteine Proteases from V. cundinamarcensis (C. candamarcensis) Inhibit Melanoma Metastasis and Modulate Expression of Proteins Related to Proliferation, Migration and Differentiation. International Journal of Molecular Sciences, 2018, 19, 2846.	1.8	4
1572	ATG16L1 orchestrates interleukin-22 signaling in the intestinal epithelium via cGAS–STING. Journal of Experimental Medicine, 2018, 215, 2868-2886.	4.2	122
1573	Purification and structural-functional characterization of an exopolysaccharide from Bacillus licheniformis PASS26 with in-vitro antitumor and wound healing activities. International Journal of Biological Macromolecules, 2018, 120, 1441-1450.	3.6	58
1574	Noncoding RNA Ginir functions as an oncogene by associating with centrosomal proteins. PLoS Biology, 2018, 16, e2004204.	2.6	27
1575	FRA1 mediates the activation of keratinocytes: Implications for the development of psoriatic plaques. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3726-3734.	1.8	6
1576	Synthesis, modification, and cytotoxic evaluation of 2,3-secotriterpenic \hat{l}^2 -ketoesters. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 3752-3760.	1.0	7
1577	Stem cell factor induces polarization of microglia to the neuroprotective phenotype inÂvitro. Heliyon, 2018, 4, e00837.	1.4	23
1578	In-vivo & in-vitro toxicity test of molecularly engineered PCMS: A potential drug for wireless remote controlled treatment. Toxicology Reports, 2018, 5, 1044-1052.	1.6	15
1579	miR-124 Suppresses Pancreatic Ductal Adenocarcinoma Growth by Regulating Monocarboxylate Transporter 1-Mediated Cancer Lactate Metabolism. Cellular Physiology and Biochemistry, 2018, 50, 924-935.	1.1	42
1580	SM22α (Smooth Muscle Protein 22-α) Promoter-Driven IGF1R (Insulin-Like Growth Factor 1 Receptor) Deficiency Promotes Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2306-2317.	1.1	24
1581	Proteomic analysis of human prostate cancer PC-3M-1E8 cells and PC-3M-2B4 cells of same origin but with different metastatic potential. PLoS ONE, 2018, 13, e0206139.	1.1	5
1582	Electrospun polyvinyl alcohol membranes incorporated with green synthesized silver nanoparticles for wound dressing applications. Journal of Materials Science: Materials in Medicine, 2018, 29, 163.	1.7	80

#	ARTICLE	IF	CITATIONS
1583	Keratinocyte Growth Factor Modified Messenger RNA Accelerating Cell Proliferation and Migration of Keratinocytes. Nucleic Acid Therapeutics, 2018, 28, 335-347.	2.0	11
1584	Low-Dose Radiotherapy Has No Harmful Effects on Key Cells of Healthy Non-Inflamed Joints. International Journal of Molecular Sciences, 2018, 19, 3197.	1.8	24
1585	Extracellular Vesicles Secreted by Hypoxic AC10 Cardiomyocytes Modulate Fibroblast Cell Motility. Frontiers in Cardiovascular Medicine, 2018, 5, 152.	1.1	14
1586	Glucocorticoid Impaired the Wound Healing Ability of Endothelial Progenitor Cells by Reducing the Expression of CXCR4 in the PGE2 Pathway. Frontiers in Medicine, 2018, 5, 276.	1.2	32
1587	Genome-Wide Inhibition of Pro-atherogenic Gene Expression by Multi-STAT Targeting Compounds as a Novel Treatment Strategy of CVDs. Frontiers in Immunology, 2018, 9, 2141.	2.2	7
1588	Revealing the Role of Epithelial Mechanics and Macrophage Clearance during Pulmonary Epithelial Injury Recovery in the Presence of Carbon Nanotubes. Advanced Materials, 2018, 30, e1806181.	11.1	10
1589	Characterisation of mesenchymal colon tumour-derived cells in tumourspheres as a model for colorectal cancer progression. International Journal of Oncology, 2018, 53, 2379-2396.	1.4	18
1590	A de novo variant in ADGRL2 suggests a novel mechanism underlying the previously undescribed association of extreme microcephaly with severely reduced sulcation and rhombencephalosynapsis. Acta Neuropathologica Communications, 2018, 6, 109.	2.4	20
1591	A sustainable production method of mycelium biomass using an isolated fungal strain Phanerochaete chrysosporium (accession no: KY593186): Its exploitation in wound healing patch formation. Biocatalysis and Agricultural Biotechnology, 2018, 16, 548-557.	1.5	18
1592	Endogenous CHRNA7-ligand SLURP1 as a potential tumor suppressor and anti-nicotinic factor in pancreatic cancer. Oncotarget, 2018, 9, 11734-11751.	0.8	23
1593	Disruption of VEGF Mediated Flkâ€1 Signaling Leads to a Gradual Loss of Vessel Health and CardiacÂFunction During Myocardial Infarction: Potential Therapy With Pellinoâ€1. Journal of the American Heart Association, 2018, 7, e007601.	1.6	21
1594	Molecular characterization and functional analysis of IL-12p40 from Chinese sea bass (Lateolabrax) Tj ETQq1 1	0.784314 t 1.6	l rgBŢ /Overloc
1595	Comprehensive Phenotypic Characterization of Human Invasive Lobular Carcinoma Cell Lines in 2D and 3D Cultures. Cancer Research, 2018, 78, 6209-6222.	0.4	58
1596	Antineoplastic potential of the aqueous crude extract of Eugenia uniflora L. in human cervical cancer. Brazilian Journal of Pharmaceutical Sciences, 2018, 54, .	1.2	2
1597	Bixin Triggers Apoptosis of Human Hep3B Hepatocellular Carcinoma Cells: An Insight to Molecular and IN SILICO Approach. Nutrition and Cancer, 2018, 70, 971-983.	0.9	22
1598	Growth inhibition and chemoâ€'radiosensitization of esophageal squamous cell carcinoma by survivinâ€'shRNA lentivirus transfection. Oncology Letters, 2018, 16, 4813-4820.	0.8	6
1599	Prokineticinâ€⊋ promotes chemotaxis and alternative A2 reactivity of astrocytes. Glia, 2018, 66, 2137-2157.	2.5	92
1600	Effects of polarized and non-polarized red-light irradiation on proliferation of human Wharton's jelly-derived mesenchymal cells. Biochemical and Biophysical Research Communications, 2018, 504, 871-877.	1.0	12

#	Article	IF	CITATIONS
1601	Live-Cell Imaging Assays to Study Glioblastoma Brain Tumor Stem Cell Migration and Invasion. Journal of Visualized Experiments, 2018 , , .	0.2	7
1602	An In Vitro Model for Determining Tumor Cell Migration Under Metabolic Gradients. Advances in Experimental Medicine and Biology, 2018, 1072, 201-205.	0.8	4
1603	Anti-inflammatory Activity and Phytochemical Profile of Galinsoga Parviflora Cav Molecules, 2018, 23, 2133.	1.7	24
1604	Kunitz type protease inhibitor EgKI-1 from the canine tapeworm Echinococcus granulosus as a promising therapeutic against breast cancer. PLoS ONE, 2018, 13, e0200433.	1.1	17
1605	proBDNF inhibits the proliferation and migration of OLNâ€'93 oligodendrocytes. Molecular Medicine Reports, 2018, 18, 3809-3817.	1.1	10
1606	Decane-1,2-diol derivatives as potential antitumor agents for the treatment of glioblastoma. European Journal of Pharmacology, 2018, 837, 105-116.	1.7	4
1607	IL-37b suppresses epithelial mesenchymal transition in hepatocellular carcinoma by inhibiting IL-6/STAT3 signaling. Hepatobiliary and Pancreatic Diseases International, 2018, 17, 408-415.	0.6	8
1608	A simpli ed cell culture model for research on intestinal in ammation. Turkish Journal of Medical Sciences, 2018, 48, 435-440.	0.4	0
1609	Cytotoxicity evaluation of chlorhexidine gluconate on human fibroblasts, myoblasts, and osteoblasts. Journal of Bone and Joint Infection, 2018, 3, 165-172.	0.6	93
1610	Anti-breast cancer and anti-angiogenic potential of a lichen-derived small-molecule: barbatolic acid. Cytotechnology, 2018, 70, 1565-1573.	0.7	14
1611	Lowâ€'intensity pulsed ultrasound promotes periodontal ligament stem cell migration through TWIST1â€'mediated SDFâ€'1 expression. International Journal of Molecular Medicine, 2018, 42, 322-330.	1.8	26
1612	Glyceryl ester surfactants: Promising excipients to enhance the cell permeating properties of SEDDS. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 129, 154-161.	2.0	10
1613	Methyl-CpG-binding protein 2 mediates antifibrotic effects in scleroderma fibroblasts. Annals of the Rheumatic Diseases, 2018, 77, annrheumdis-2018-213022.	0.5	36
1614	Protocols for Migration and Invasion Studies in Prostate Cancer. Methods in Molecular Biology, 2018, 1786, 67-79.	0.4	43
1615	Anti-oxidant enriched hybrid nanofibers: Effect on mechanical stability and biocompatibility. International Journal of Biological Macromolecules, 2018, 117, 209-217.	3.6	21
1616	Real time in vitro monitoring and impedance modeling of mammalian cell activities on planar ECIS and micro/nano patterned cytosensors. ISSS Journal of Micro and Smart Systems, 2018, 7, 107-122.	1.0	4
1617	Roles of <i>Xenopus</i> chemokine ligand <i><scp>CXCL</scp>h</i> (<i><scp>XCXCL</scp>h</i>) in early embryogenesis. Development Growth and Differentiation, 2018, 60, 226-238.	0.6	4
1618	Convergent Pathways in Idiopathic Autism Revealed by Time Course Transcriptomic Analysis of Patient-Derived Neurons. Scientific Reports, 2018, 8, 8423.	1.6	67

#	Article	IF	CITATIONS
1619	Antitumorigenic Properties of Omega-3 Endocannabinoid Epoxides. Journal of Medicinal Chemistry, 2018, 61, 5569-5579.	2.9	27
1620	Matrix metalloproteinase-2: A key regulator in coagulation proteases mediated human breast cancer progression through autocrine signaling. Biomedicine and Pharmacotherapy, 2018, 105, 395-406.	2.5	34
1621	Pluronic lecithin organogel of 5-aminosalicylic acid for wound healing. Drug Development and Industrial Pharmacy, 2018, 44, 1650-1658.	0.9	8
1622	Inhibition of Breast Cancer Cell Migration by Cyclotides Isolated from <i>Pombalia calceolaria</i> Journal of Natural Products, 2018, 81, 1203-1208.	1.5	32
1623	GPER/Hippo-YAP signal is involved in Bisphenol S induced migration of triple negative breast cancer (TNBC) cells. Journal of Hazardous Materials, 2018, 355, 1-9.	6.5	53
1624	In Vitro Wound Healing Potential of Stem Extract of <i> Alternanthera sessilis </i> Levidence-based Complementary and Alternative Medicine, 2018, 2018, 1-13.	0.5	78
1625	NR4A1 Regulates Motility of Osteoclast Precursors and Serves as Target for the Modulation of Systemic Bone Turnover. Journal of Bone and Mineral Research, 2018, 33, 2035-2047.	3.1	15
1626	Comparison of Preterm and Term Wharton's Jelly-Derived Mesenchymal Stem Cell Properties in Different Oxygen Tensions. Cells Tissues Organs, 2018, 205, 137-150.	1.3	6
1627	Mucosal Restitution and Repair., 2018,, 683-708.		0
1628	Autophagic reliance promotes metabolic reprogramming in oncogenic KRAS-driven tumorigenesis. Autophagy, 2018, 14, 1481-1498.	4.3	37
1629	PARP1 activation increases expression of modified tumor suppressors and pathways underlying development of aggressive hepatoblastoma. Communications Biology, 2018, 1, 67.	2.0	35
1630	Mesoscale physical principles of collective cell organization. Nature Physics, 2018, 14, 671-682.	6.5	128
1631	Enhancing radiosensitivity of melanoma cells through very high dose rate pulses released by a plasma focus device. PLoS ONE, 2018, 13, e0199312.	1.1	14
1632	Transdifferentiation of human gingival mesenchymal stem cells into functional keratinocytes by ⟨i>Acalypha indica⟨ i> in threeâ€dimensional microenvironment. Journal of Cellular Physiology, 2018, 233, 8450-8457.	2.0	17
1633	Biochemical evaluation of selected grape varieties (Vitis vinifera L.) grown in Jordan and in vitro evaluation of grape seed extract on human prostate cancer cells. Food Bioscience, 2018, 24, 103-110.	2.0	6
1634	Effect of ethnomedicinal extracts used for wound healing on cellular migration and intracellular reactive oxygen species release in SC-1 fibroblasts. South African Journal of Botany, 2018, 118, 11-17.	1.2	5
1635	Inhibition of the AnxA1/FPR1 autocrine axis reduces MDA-MB-231 breast cancer cell growth and aggressiveness in vitro and in vivo. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 1368-1382.	1.9	36
1636	Development of pipette tip gap closure migration assay (s-ARU method) for studying semi-adherent cell lines. Cytotechnology, 2018, 70, 1685-1695.	0.7	6

#	Article	IF	CITATIONS
1637	Essential Oil Derived From Eupatorium adenophorum Spreng. Mediates Anticancer Effect by Inhibiting STAT3 and AKT Activation to Induce Apoptosis in Hepatocellular Carcinoma. Frontiers in Pharmacology, 2018, 9, 483.	1.6	32
1638	Bax/Tubulin/Epithelial-Mesenchymal Pathways Determine the Efficacy of Silybin Analog HM015k in Colorectal Cancer Cell Growth and Metastasis. Frontiers in Pharmacology, 2018, 9, 520.	1.6	12
1639	Differing Effects of Younger and Older Human Plasma on C2C12 Myocytes in Vitro. Frontiers in Physiology, 2018, 9, 152.	1.3	13
1640	Cell Adhesion Molecules are Mediated by Photobiomodulation at 660 nm in Diabetic Wounded Fibroblast Cells. Cells, 2018, 7, 30.	1.8	24
1641	Long Non-Coding RNA Malat1 Regulates Angiogenesis in Hindlimb Ischemia. International Journal of Molecular Sciences, 2018, 19, 1723.	1.8	55
1642	The Different Routes to Metastasis via Hypoxia-Regulated Programs. Trends in Cell Biology, 2018, 28, 941-956.	3.6	83
1643	Tannic acid-modified silver nanoparticles for wound healing: the importance of size. International Journal of Nanomedicine, 2018, Volume 13, 991-1007.	3.3	101
1644	Synthesis and antimetastatic activity evaluation of cinnamic acid derivatives containing 1,2,3-triazolic portions. Toxicology in Vitro, 2018, 53, 1-9.	1.1	23
1645	Effects of low-density lipoprotein docosahexaenoic acid nanoparticles on cancer stem cells isolated from human hepatoma cell lines. Molecular Biology Reports, 2018, 45, 1023-1036.	1.0	14
1646	Effects of platelet-rich plasma on human gingival fibroblast proliferation and migration in vitro. Journal of Applied Oral Science, 2018, 26, e20180077.	0.7	24
1647	Integration of in vitro and in silico perspectives to explain chemical characterization, biological potential and anticancer effects of Hypericum salsugineum: A pharmacologically active source for functional drug formulations. PLoS ONE, 2018, 13, e0197815.	1.1	27
1648	Ankaferd Blood Stopper with antibiofilm potential successfully inhibits the extracellular matrix degradation enzymes and promotes wound healing of 3T3 fibroblasts in vitro. Turkish Journal of Medical Sciences, 2018, 48, 627-634.	0.4	5
1649	Activation of the Immune-Metabolic Receptor GPR84 Enhances Inflammation and Phagocytosis in Macrophages. Frontiers in Immunology, 2018, 9, 1419.	2.2	110
1650	Resveratrol and Pterostilbene Exhibit Anticancer Properties Involving the Downregulation of HPV Oncoprotein E6 in Cervical Cancer Cells. Nutrients, 2018, 10, 243.	1.7	29
1651	Inhibition of TNF \hat{l} ± in peritoneal fluids of patients following colorectal resection attenuates the postoperative stress-related increase in colon cancer cell migration: A prospective, in vitro study. Surgical Oncology, 2018, 27, 479-484.	0.8	2
1652	l-asparaginase induces intrinsic mitochondrial-mediated apoptosis in human gastric adenocarcinoma cells and impedes tumor progression. Biochemical and Biophysical Research Communications, 2018, 503, 2393-2399.	1.0	13
1653	Suppression of proliferation, migration and invasion in non-small cell lung cancer cells via profilin 2 inhibition by microRNA-194. Tropical Journal of Pharmaceutical Research, 2018, 17, 773.	0.2	1
1654	Vitamin K2 improves proliferation and migration of bovine skeletal muscle cells in vitro. PLoS ONE, 2018, 13, e0195432.	1.1	15

#	Article	IF	CITATIONS
1655	Hyperoxia Disrupts Extracellular Signal-Regulated Kinases $1/2$ -Induced Angiogenesis in the Developing Lungs. International Journal of Molecular Sciences, 2018, 19, 1525.	1.8	11
1656	Inhibition of angiogenesis in endothelial cells by Human Lysyl oxidase propeptide. Scientific Reports, 2018, 8, 10426.	1.6	21
1657	Tryptase promotes breast cancer angiogenesis through PAR‑2 mediated endothelial progenitor cell activation. Oncology Letters, 2018, 16, 1513-1520.	0.8	10
1658	The wound healing capacity of undifferentiated and differentiated airway epithelial cells in vitro. International Journal of Pediatric Otorhinolaryngology, 2018, 112, 163-168.	0.4	4
1659	Stable overexpression of p130/E2F4 affects the multipotential abilities of boneâ€marrowâ€derived mesenchymal stem cells. Journal of Cellular Physiology, 2018, 233, 9739-9749.	2.0	10
1660	Dynamic changes in gene expression and signalling during trophoblast development in the horse. Reproduction, 2018, 156, 313–330.	1.1	10
1661	Anti-angiogenic activity of Middle East medicinal plants of the Lamiaceae family. Molecular Medicine Reports, 2018, 18, 2441-2448.	1.1	11
1662	Hybrid Liquid Crystal Nanocarriers for Enhanced Zinc Phthalocyanine-Mediated Photodynamic Therapy. Bioconjugate Chemistry, 2018, 29, 2701-2714.	1.8	14
1663	Distinct roles for lîB kinases alpha and beta in regulating pulmonary endothelial angiogenic function during late lung development. Journal of Cellular and Molecular Medicine, 2018, 22, 4410-4422.	1.6	15
1664	Therapeutic Effect of Camel Milk and Its Exosomes on MCF7 Cells In Vitro and In Vivo. Integrative Cancer Therapies, 2018, 17, 1235-1246.	0.8	97
1665	Downregulation of aquaporin 3 inhibits cellular proliferation, migration and invasion in the MDAâ€'MBâ€'231 breast cancer cell line. Oncology Letters, 2018, 16, 713-720.	0.8	28
1666	Risk SNP-Mediated Promoter-Enhancer Switching Drives Prostate Cancer through IncRNA PCAT19. Cell, 2018, 174, 564-575.e18.	13.5	264
1667	Morphomechanical Alterations Induced by Transforming Growth Factor- \hat{l}^21 in Epithelial Breast Cancer Cells. Cancers, 2018, 10, 234.	1.7	11
1668	Different Roles of Sphingosine Kinase 1 and 2 in Pancreatic Cancer Progression. Journal of Surgical Research, 2018, 232, 186-194.	0.8	24
1669	Liposomal borrelidin for treatment of metastatic breast cancer. Drug Delivery and Translational Research, 2018, 8, 1380-1388.	3.0	7
1670	KT2 and RT2 modified antimicrobial peptides derived from Crocodylus siamensis Leucrocin I show activity against human colon cancer HCT-116 cells. Environmental Toxicology and Pharmacology, 2018, 62, 164-176.	2.0	24
1671	TGFβ, Fibronectin and Integrin $\hat{I}\pm5\hat{I}^21$ Promote Invasion in Basal Cell Carcinoma. Journal of Investigative Dermatology, 2018, 138, 2432-2442.	0.3	29
1672	Expression of Reg IV and SOX9 and their correlation in human gastric cancer. BMC Cancer, 2018, 18, 344.	1.1	14

#	Article	IF	CITATIONS
1673	DARPP-32 and t-DARPP promote non-small cell lung cancer growth through regulation of IKKα-dependent cell migration. Communications Biology, 2018, 1, 43.	2.0	25
1674	RXRα provokes tumor suppression through p53/p21/p16 and PI3K-AKT signaling pathways during stem cell differentiation and in cancer cells. Cell Death and Disease, 2018, 9, 532.	2.7	23
1675	Dual function of active constituents from bark of Ficus racemosa L in wound healing. BMC Complementary and Alternative Medicine, 2018, 18, 29.	3.7	22
1676	Novel Polymer-Free Everolimus-Eluting Stent Fabricated using Femtosecond Laser Improves Re-endothelialization and Anti-inflammation. Scientific Reports, 2018, 8, 7383.	1.6	15
1677	Gold Nanorod Photothermal Therapy Alters Cell Junctions and Actin Network in Inhibiting Cancer Cell Collective Migration. ACS Nano, 2018, 12, 9279-9290.	7.3	105
1678	Immune tolerance of vector beetle to its partner plant parasitic nematode modulated by its insect parasitic nematode. FASEB Journal, 2018, 32, 4862-4877.	0.2	12
1679	Keratinocyte Migration in a Three-Dimensional In Vitro Wound Healing Model Co-Cultured with Fibroblasts. Tissue Engineering and Regenerative Medicine, 2018, 15, 721-733.	1.6	24
1680	Lung Cancer Chemopreventive Activity of Patulin Isolated from Penicillium vulpinum. Molecules, 2018, 23, 636.	1.7	11
1681	RNA Interference as an Approach to Functional Genomics Genetic Manipulation of Opisthorchis viverrini. Advances in Parasitology, 2018, 102, 25-43.	1.4	0
1682	Optimized Scratch Assay for In Vitro Testing of Cell Migration with an Automated Optical Camera. Journal of Visualized Experiments, 2018, , .	0.2	32
1683	Annexin A1 is elevated in patients with COPD and affects lung fibroblast function. International Journal of COPD, 2018, Volume 13, 473-486.	0.9	22
1684	Functional Expression of TRP Ion Channels in Endometrial Stromal Cells of Endometriosis Patients. International Journal of Molecular Sciences, 2018, 19, 2467.	1.8	12
1685	Astaxanthin-alpha tocopherol nanoemulsion formulation by emulsification methods: Investigation on anticancer, wound healing, and antibacterial effects. Colloids and Surfaces B: Biointerfaces, 2018, 172, 170-179.	2.5	53
1686	KREAP: an automated Galaxy platform to quantify in vitro re-epithelialization kinetics. GigaScience, 2018, 7, .	3.3	3
1687	Combination therapy of simvastatin and 5, 6-dimethylxanthenone-4-acetic acid synergistically suppresses the aggressiveness of B16.F10 melanoma cells. PLoS ONE, 2018, 13, e0202827.	1.1	16
1688	Biophysical, Biochemical, and Cell Based Approaches Used to Decipher the Role of Carbonic Anhydrases in Cancer and to Evaluate the Potency of Targeted Inhibitors. International Journal of Medicinal Chemistry, 2018, 2018, 1-18.	2.2	4
1689	Anti-glioma properties of DVL, a lectin purified from Dioclea violacea. International Journal of Biological Macromolecules, 2018, 120, 566-577.	3.6	23
1690	Pericyte-Specific Ninjurin1 Deletion Attenuates Vessel Maturation and Blood Flow Recovery in Hind Limb Ischemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2358-2370.	1.1	19

#	Article	IF	CITATIONS
1691	Inhibiting Epidermal Growth Factor Receptor Dimerization and Signaling Through Targeted Delivery of a Juxtamembrane Domain Peptide Mimic. ACS Chemical Biology, 2018, 13, 2623-2632.	1.6	19
1692	Evaluation of Opisthorchis viverrini calreticulin for potential host modulation. Acta Tropica, 2018, 187, 175-181.	0.9	5
1693	miR-30a suppresses osteosarcoma proliferation and metastasis by downregulating MEF2D expression. OncoTargets and Therapy, 2018, Volume 11, 2195-2202.	1.0	13
1694	Lidocaine inhibits cytoskeletal remodelling and human breast cancer cell migration. British Journal of Anaesthesia, 2018, 121, 962-968.	1.5	55
1695	Metformin inhibits human breast cancer cell growth by promoting apoptosis via a ROS-independent pathway involving mitochondrial dysfunction: pivotal role of superoxide dismutase (SOD). Cellular Oncology (Dordrecht), 2018, 41, 637-650.	2.1	74
1696	Polyphenols from brown alga, <i>Padina boergesenii</i> (Allendar & mp; Kraft) decelerates renal cancer growth involving cell cycle arrest and induction of apoptosis in renal carcinoma cells. Environmental Toxicology, 2018, 33, 1135-1142.	2.1	10
1697	Proteaseâ€activated receptor 2 promotes actomyosin dependent transforming microvesicles generation from human breast cancer. Molecular Carcinogenesis, 2018, 57, 1707-1722.	1.3	18
1698	Tough hydrogel with enhanced tissue integration and in situ forming capability for osteochondral defect repair. Applied Materials Today, 2018, 13, 32-44.	2.3	84
1699	Thioredoxin-1 augments wound healing and promote angiogenesis in a murine ischemic full-thickness wound model. Surgery, 2018, 164, 1077-1086.	1.0	9
1700	Strobilurin fungicide kresoxim-methyl effects on a cancerous neural cell line: oxidant/antioxidant responses and <i>in vitro</i> migration. Toxicology Mechanisms and Methods, 2018, 28, 709-716.	1.3	5
1701	In vitro effect of carbonic anhydrase inhibitor acetazolamide on cell viability, migration and colony formation of colorectal cancer cells. Biologia (Poland), 2018, 73, 621-628.	0.8	2
1702	Anti-angiogenesis effect of Neferine via regulating autophagy and polarization of tumor-associated macrophages in high-grade serous ovarian carcinoma. Cancer Letters, 2018, 432, 144-155.	3.2	39
1703	CoCl ₂ , a mimic of hypoxia, enhances bone marrow mesenchymal stem cells migration and osteogenic differentiation via STAT3 signaling pathway. Cell Biology International, 2018, 42, 1321-1329.	1.4	19
1704	Integration of a Superparamagnetic Scaffold and Magnetic Field To Enhance the Wound-Healing Phenotype of Fibroblasts. ACS Applied Materials & Interfaces, 2018, 10, 22913-22923.	4.0	31
1705	KCa3.1 ion channel: A novel therapeutic target for corneal fibrosis. PLoS ONE, 2018, 13, e0192145.	1.1	29
1706	Leishmania proteophosphoglycans regurgitated from infected sand flies accelerate dermal wound repair and exacerbate leishmaniasis via insulin-like growth factor 1-dependent signalling. PLoS Pathogens, 2018, 14, e1006794.	2.1	31
1707	Incorporating platelet-rich plasma into coaxial electrospun nanofibers for bone tissue engineering. International Journal of Pharmaceutics, 2018, 547, 656-666.	2.6	64
1708	Synthesis of newly functionalized 1,4-naphthoquinone derivatives and their effects on wound healing in alloxan-induced diabetic mice. Chemico-Biological Interactions, 2018, 291, 55-64.	1.7	15

#	Article	IF	CITATIONS
1709	Requirements of skin tissue models for high-throughput screening., 2018,, 421-440.		3
1710	Cell Migration. Methods in Molecular Biology, 2018, , .	0.4	5
1711	Kefir Accelerates Burn Wound Healing Through Inducing Fibroblast Cell Migration In Vitro and Modulating the Expression of IL-1ß, TGF-ß1, and bFGF Genes In Vivo. Probiotics and Antimicrobial Proteins, 2019, 11, 874-886.	1.9	30
1712	Extraction of alginate from brown seaweeds and evolution of bioactive alginate film coated textile fabrics for wound healing application. Journal of Industrial Textiles, 2019, 49, 328-351.	1.1	16
1713	In vitro assays and techniques utilized in anticancer drug discovery. Journal of Applied Toxicology, 2019, 39, 38-71.	1.4	73
1714	Cryptotanshinone from Salvia miltiorrhiza Roots Reduces Cytokeratin CK1/10 Expression in Keratinocytes by Activation of Peptidyl-prolyl-cis-trans-isomerase FKBP1A. Planta Medica, 2019, 85, 552-562.	0.7	7
1715	Photobiomodulation with 808-nm diode laser light promotes wound healing of human endothelial cells through increased reactive oxygen species production stimulating mitochondrial oxidative phosphorylation. Lasers in Medical Science, 2019, 34, 495-504.	1.0	77
1716	Evaluation of anti-HSV-1 activity and toxicity of hydroethanolic extract of Tanacetum parthenium (L.) Sch.Bip. (Asteraceae). Phytomedicine, 2019, 55, 249-254.	2.3	26
1717	ECIS based wounding and reorganization of cardiomyocytes and fibroblasts in co-cultures. Progress in Biophysics and Molecular Biology, 2019, 144, 116-127.	1.4	16
1718	Antitumor effects of chitin specific lectin from Praecitrullus fistulosus by targeting angiogenesis and apoptosis. Biochemical and Biophysical Research Communications, 2019, 518, 381-387.	1.0	8
1719	Development of Sponge Microspicule Cream as a Transdermal Delivery System for Protein and Growth Factors from Deer Antler Velvet Extract. Biological and Pharmaceutical Bulletin, 2019, 42, 1207-1215.	0.6	18
1720	Formulation, Colloidal Characterization, and In Vitro Biological Effect of BMP-2 Loaded PLGA Nanoparticles for Bone Regeneration. Pharmaceutics, 2019, 11, 388.	2.0	17
1721	miR-448 targets IDO1 and regulates CD8+ T cell response in human colon cancer. , 2019, 7, 210.		71
1722	Paradoxical Role of Glypican-1 in Prostate Cancer Cell and Tumor Growth. Scientific Reports, 2019, 9, 11478.	1.6	15
1723	Piezoelectric Perovskites as Electroconductive Bone Analogues: Processing-Structure-Biocompatibility Related Challenges. SSRN Electronic Journal, 2019, , .	0.4	0
1724	Krýppel-like Factor 5 Promotes Sonic Hedgehog Signaling and Neoplasia in Barrett's Esophagus and Esophageal Adenocarcinoma. Translational Oncology, 2019, 12, 1432-1441.	1.7	11
1725	2D vs. 3D Cell Culture Models for In Vitro Topical (Dermatological) Medication Testing. , 0, , .		4
1726	IDRâ€1018 induces cell proliferation, migration, and reparative gene expression in 2D culture and 3D human skin equivalents. Journal of Tissue Engineering and Regenerative Medicine, 2019, 13, 2018-2030.	1.3	11

#	Article	IF	Citations
1727	EF2-kinase targeted cobalt-ferrite siRNA-nanotherapy suppresses <i>BRCA1</i> hi>mutated breast cancer. Nanomedicine, 2019, 14, 2315-2338.	1.7	17
1728	Thermotolerance of camel (Camelus dromedarius) somatic cells affected by the cell type and the dissociation method. Environmental Science and Pollution Research, 2019, 26, 29490-29496.	2.7	5
1729	Promotion of angiogenesis by M13 phage and RGD peptide in vitro and in vivo. Scientific Reports, 2019, 9, 11182.	1.6	17
1730	Long-term exposure of 4-hydroxyestradiol induces the cancer cell characteristics <i>via</i> upregulating CYP1B1 in MCF-10A cells. Toxicology Mechanisms and Methods, 2019, 29, 686-692.	1.3	5
1731	A Low Molecular Weight Hyaluronic Acid Derivative Accelerates Excisional Wound Healing by Modulating Pro-Inflammation, Promoting Epithelialization and Neovascularization, and Remodeling Collagen. International Journal of Molecular Sciences, 2019, 20, 3722.	1.8	46
1732	Electrospun polylactic acid/date palm polyphenol extract nanofibres for tissue engineering applications. Emergent Materials, 2019, 2, 141-151.	3.2	23
1733	Robust and Precise Wounding and Analysis of Engineered Contractile Tissues. Tissue Engineering - Part C: Methods, 2019, 25, 677-686.	1.1	9
1734	Association of Cyclin Dependent Kinase 10 and Transcription Factor 2 during Human Corneal Epithelial Wound Healing in vitro model. Scientific Reports, 2019, 9, 11802.	1.6	7
1735	AiP1, a protein from the coelomic fluid of sea star Astropecten indicus promotes wound healing and fibrinogenolysis in vitro. Journal of Basic and Applied Zoology, 2019, 80, .	0.4	1
1736	Sperm Protein Antigen 17 Expression Correlates With Lymph Node Metastasis and Worse Overall Survival in Patients With Breast Cancer. Frontiers in Oncology, 2019, 9, 710.	1.3	6
1737	Dual stem cell therapy synergistically improves cardiac function and vascular regeneration following myocardial infarction. Nature Communications, 2019, 10, 3123.	5.8	160
1738	A role for ABCB1 in prognosis, invasion and drug resistance in ependymoma. Scientific Reports, 2019, 9, 10290.	1.6	13
1739	Calciumâ€'sensing receptor promotes high glucoseâ€'induced myocardial fibrosis via upregulation of the TGFâ€Î²1/Smads pathway in cardiac fibroblasts. Molecular Medicine Reports, 2019, 20, 1093-1102.	1.1	16
1740	S100A12 inhibits fibroblast migration via the receptor for advanced glycation end products and p38 MAPK signaling. In Vitro Cellular and Developmental Biology - Animal, 2019, 55, 656-664.	0.7	8
1741	5-oxo-ETE activates migration of H295R adrenocortical cells via MAPK and PKC pathways. Prostaglandins and Other Lipid Mediators, 2019, 144, 106346.	1.0	4
1742	Complex I and II are required for normal mitochondrial Ca2+ homeostasis. Mitochondrion, 2019, 49, 73-82.	1.6	19
1743	Synthesis, characterization and evaluation of multi sensitive nanocarriers by using the layer by layer method. Journal of Drug Delivery Science and Technology, 2019, 53, 101142.	1.4	4
1744	Decellularised baby spinach leaves and their potential use in tissue engineering applications: Studying and promoting neovascularisation. Journal of Biomaterials Applications, 2019, 34, 546-559.	1.2	43

#	Article	IF	CITATIONS
1745	Methods for Analysis of Keratinocyte Migration. Methods in Molecular Biology, 2019, 2109, 219-224.	0.4	0
1746	Primary Human Fibroblasts in Culture Switch to a Myofibroblast-Like Phenotype Independently of TGF Beta. Cells, 2019, 8, 721.	1.8	41
1747	Synthesis, Anti-Cancer and Anti-Migratory Evaluation of 3,6-Dibromocarbazole and 5-Bromoindole Derivatives. Molecules, 2019, 24, 2686.	1.7	5
1748	Locked and Loaded: Ruthenium(II)-Capped Cucurbit[<i>n</i>]uril-Based Rotaxanes with Antimetastatic Properties. Inorganic Chemistry, 2019, 58, 10861-10870.	1.9	16
1749	Trimethylamine N-Oxide Exacerbates Cardiac Fibrosis via Activating the NLRP3 Inflammasome. Frontiers in Physiology, 2019, 10, 866.	1.3	82
1750	Reepithelialization in focus: Non-invasive monitoring of epidermal wound healing in vitro. Biosensors and Bioelectronics, 2019, 142, 111555.	5.3	19
1751	Dystroglycan is involved in the activation of ERK pathway inducing the change of AQP4 expression in scratch-injured astrocytes. Brain Research, 2019, 1721, 146347.	1.1	10
1752	New Insights into the Role of Polybromo-1 in Prostate Cancer. International Journal of Molecular Sciences, 2019, 20, 2852.	1.8	13
1753	Uncoupling Traditional Functionalities of Metastasis: The Parting of Ways with Real-Time Assays. Journal of Clinical Medicine, 2019, 8, 941.	1.0	2
1754	Isoform-Specific Role of Akt in Oral Squamous Cell Carcinoma. Biomolecules, 2019, 9, 253.	1.8	38
1755	Cold atmospheric plasma modulates endothelial nitric oxide synthase signalling and enhances burn wound neovascularisation. Journal of Pathology, 2019, 249, 368-380.	2.1	65
1756	The "nano to micro―transition of hydrophobic curcumin crystals leading to <i>in situ</i> adjuvant depots for Au-liposome nanoparticle mediated enhanced photothermal therapy. Biomaterials Science, 2019, 7, 3866-3875.	2.6	34
1757	Retinol binding protein 3 is increased in the retina of patients with diabetes resistant to diabetic retinopathy. Science Translational Medicine, 2019, 11, .	5.8	62
1758	Inactive Cas9 blocks vitreous-induced expression of Mdm2 and proliferation and survival of retinal pigment epithelial cells. Experimental Eye Research, 2019, 186, 107716.	1.2	11
1759	Connecting gene expression to cellular movement: A transport model for cell migration. Physical Review E, 2019, 100, 032412.	0.8	1
1760	The SOD Mimic MnTnHex-2-PyP5+ Reduces the Viability and Migration of 786-O Human Renal Cancer Cells. Antioxidants, 2019, 8, 490.	2.2	18
1761	Development and Evaluation of a Prototype Scratch Apparatus for Wound Assays Adjustable to Different Forces and Substrates. Applied Sciences (Switzerland), 2019, 9, 4414.	1.3	8
1762	Pyridine-Containing Macrocycles Display MMP-2/9 Inhibitory Activity and Distinct Effects on Migration and Invasion of 2D and 3D Breast Cancer Models. International Journal of Molecular Sciences, 2019, 20, 5109.	1.8	4

#	Article	IF	CITATIONS
1763	Adapalene inhibits ovarian cancer ES-2 cells growth by targeting glutamic-oxaloacetic transaminase 1. Bioorganic Chemistry, 2019, 93, 103315.	2.0	20
1764	HAX1 impact on collective cell migration, cell adhesion, and cell shape is linked to the regulation of actomyosin contractility. Molecular Biology of the Cell, 2019, 30, 3024-3036.	0.9	13
1765	Pitx2c inhibition increases atrial fibroblast activity: Implications in atrial arrhythmogenesis. European Journal of Clinical Investigation, 2019, 49, e13160.	1.7	5
1766	Electrospun scaffolds limit the regenerative potential of the airway epithelium. Laryngoscope Investigative Otolaryngology, 2019, 4, 446-454.	0.6	3
1767	Moringa oleifera leaf extract–loaded phytophospholipid complex for potential application as wound dressing. Journal of Drug Delivery Science and Technology, 2019, 54, 101329.	1.4	20
1768	Metformin-Encapsulated Liposome Delivery System: An Effective Treatment Approach against Breast Cancer. Pharmaceutics, 2019, 11, 559.	2.0	53
1769	Traction Microscopy Integrated with Microfluidics for Chemotactic Collective Migration. Journal of Visualized Experiments, 2019 , , .	0.2	1
1770	Aging and glycation promote erythrocyte phagocytosis by human endothelial cells: Potential impact in atherothrombosis under diabetic conditions. Atherosclerosis, 2019, 291, 87-98.	0.4	31
1771	<p>A Novel Octapeptide Derived From G Protein-Coupled Receptor 124 Improves Cognitive Function Via Pro-Angiogenesis In A Rat Model Of Chronic Cerebral Hypoperfusion-Induced Vascular Dementia</p> . Drug Design, Development and Therapy, 2019, Volume 13, 3669-3682.	2.0	7
1772	Nanoscale Covalent Organic Framework for Combinatorial Antitumor Photodynamic and Photothermal Therapy. ACS Nano, 2019, 13, 13304-13316.	7.3	238
1773	Evaluation of Electrospun Poly($\hat{l}\mu$ -Caprolactone)/Gelatin Nanofiber Mats Containing Clove Essential Oil for Antibacterial Wound Dressing. Pharmaceutics, 2019, 11, 570.	2.0	85
1774	Omega-3 polyunsaturated fatty acids suppress metastatic features of human cholangiocarcinoma cells by suppressing twist. Journal of Nutritional Biochemistry, 2019, 74, 108245.	1.9	3
1775	Complexes formed with integrinâ€Î±5 and KCNB1 potassium channel wild type or epilepsyâ€susceptibility variants modulate cellular plasticity <i>via</i> Ras and Akt signaling. FASEB Journal, 2019, 33, 14680-14689.	0.2	12
1776	CD109 acts as a gatekeeper of the epithelial trait by suppressing epithelial to mesenchymal transition in squamous cell carcinoma cells in vitro. Scientific Reports, 2019, 9, 16317.	1.6	19
1777	Synergistic Chemical and Photodynamic Antimicrobial Therapy for Enhanced Wound Healing Mediated by Multifunctional Light-Responsive Nanoparticles. Biomacromolecules, 2019, 20, 4581-4592.	2.6	104
1778	Integrated Flow Chamber System for Live Cell Microscopy. Frontiers in Bioengineering and Biotechnology, 2019, 7, 91.	2.0	11
1779	In Vivo Wound Healing Performance of Halloysite Clay and Gentamicin-Incorporated Cellulose Ether-PVA Electrospun Nanofiber Mats. ACS Applied Bio Materials, 2019, 2, 4324-4334.	2.3	48
1780	<p>A comparative study: the prospective influence of nanovectors in leveraging the chemopreventive potential of COX-2 inhibitors against skin cancer</p> . International Journal of Nanomedicine, 2019, Volume 14, 7561-7581.	3.3	10

#	Article	IF	CITATIONS
1781	Long nonâ€coding RNA TUG1 promotes airway remodelling by suppressing the miRâ€145â€5p/DUSP6 axis in cigarette smokeâ€induced COPD. Journal of Cellular and Molecular Medicine, 2019, 23, 7200-7209.	1.6	48
1782	Activation of cannabinoid receptors promote periodontal cell adhesion and migration. Journal of Clinical Periodontology, 2019, 46, 1264-1272.	2.3	21
1783	3D printed HUVECs/MSCs cocultures impact cellular interactions and angiogenesis depending on cell-cell distance. Biomaterials, 2019, 222, 119423.	5.7	71
1784	The cross-talk between TGF-β and PDGFRα signaling pathways regulates stromal fibro/adipogenic progenitors' fate. Journal of Cell Science, 2019, 132, .	1.2	70
1785	Detection of Clinical Mesenchymal Cancer Cells from Bladder Wash Urine for Real-Time Detection and Prognosis. Cancers, 2019, 11, 1274.	1.7	14
1786	Essential oils from Eugenia spp.: In vitro antiproliferative potential with inhibitory action of metalloproteinases. Industrial Crops and Products, 2019, 141, 111736.	2.5	8
1787	Phosphoinositide 3-kinase $\hat{\Gamma}$ inactivation prevents vitreous-induced activation of AKT/MDM2/p53 and migration of retinal pigment epithelial cells. Journal of Biological Chemistry, 2019, 294, 15408-15417.	1.6	14
1788	Reduction of integrin alpha 4 activity through splice modulating antisense oligonucleotides. Scientific Reports, 2019, 9, 12994.	1.6	14
1789	Structure elucidation of a bioactive fucomannogalactan from the edible mushroom Hypsizygus marmoreus. Carbohydrate Polymers, 2019, 225, 115203.	5.1	33
1790	Antitumor and anti-nematode activities of \hat{l}_{\pm} -mangostin. European Journal of Pharmacology, 2019, 863, 172678.	1.7	29
1791	<p>Differential gene expression identifies KRT7 and MUC1 as potential metastasis-specific targets in sarcoma</p> . Cancer Management and Research, 2019, Volume 11, 8209-8218.	0.9	8
1792	Microemulsions incorporating Brosimum gaudichaudii extracts as a topical treatment for vitiligo: In vitro stimulation of melanocyte migration and pigmentation. Journal of Molecular Liquids, 2019, 294, 111685.	2.3	15
1793	Activated α2-Macroglobulin Regulates LRP1 Levels at the Plasma Membrane through the Activation of a Rab10-dependent Exocytic Pathway in Retinal MĂ½ller Glial Cells. Scientific Reports, 2019, 9, 13234.	1.6	9
1794	High-affinity Cu(I) chelator PSP-2 as potential anti-angiogenic agent. Scientific Reports, 2019, 9, 14055.	1.6	11
1795	Bio-functional G-molecular hydrogels for accelerated wound healing. Materials Science and Engineering C, 2019, 105, 110067.	3.8	29
1796	Biogenic silver nanoparticles as a more efficient contrivance for wound healing acceleration than common antiseptic medicine. FEMS Microbiology Letters, 2019, 366, .	0.7	9
1797	Regulatory Macrophages Inhibit Alternative Macrophage Activation and Attenuate Pathology Associated with Fibrosis. Journal of Immunology, 2019, 203, 2130-2140.	0.4	25
1798	P2Y2 purinergic receptor modulates virus yield, calcium homeostasis, and cell motility in human cytomegalovirus-infected cells. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18971-18982.	3.3	17

#	Article	IF	CITATIONS
1799	Lactoferrin Promotes Proliferation and Wound Healing of Human Gingival Fibroblasts -in vitro study. Journal of Japanese Society of Periodontology, 2019, 61, 18-27.	0.1	0
1800	The 5-hydroxytryptamine receptor 1F stimulates mitochondrial biogenesis and angiogenesis in endothelial cells. Biochemical Pharmacology, 2019, 169, 113644.	2.0	22
1801	Ardisia crispa root hexane fraction suppressed angiogenesis in human umbilical vein endothelial cells (HUVECs) and in vivo zebrafish embryo model. Biomedicine and Pharmacotherapy, 2019, 118, 109221.	2.5	11
1802	SP1 and STAT3 Functionally Synergize to Induce the RhoU Small GTPase and a Subclass of Non-canonical WNT Responsive Genes Correlating with Poor Prognosis in Breast Cancer. Cancers, 2019, 11, 101.	1.7	21
1803	Engineering the migration and attachment behaviour of primary dermal fibroblasts. Biotechnology and Bioengineering, 2019, 116, 1102-1115.	1.7	5
1804	Facilitation of Chemotaxis Activity of Mesenchymal Stem Cells via Stromal Cell–Derived Factor-1 and Its Receptor May Promote Ectopic Ossification of Human Spinal Ligaments. Journal of Pharmacology and Experimental Therapeutics, 2019, 369, 1-8.	1.3	7
1805	hiPSCs in cardio-oncology: deciphering the genomics. Cardiovascular Research, 2019, 115, 935-948.	1.8	21
1806	The Efficiency of Verteporfin as a Therapeutic Option in Pre-Clinical Models of Melanoma. Journal of Cancer, 2019, 10, 1-10.	1.2	30
1807	Therapeutic Potential of a Novel $\hat{l}\pm\hat{vl^2}$ 3 Antagonist to Hamper the Aggressiveness of Mesenchymal Triple Negative Breast Cancer Sub-Type. Cancers, 2019, 11, 139.	1.7	29
1808	Cellular and animal models of skin alterations in the autism-related ADNP syndrome. Scientific Reports, 2019, 9, 736.	1.6	27
1809	Gold Nanorods-Based Smart Nanoplatforms for Synergic Thermotherapy and Chemotherapy of Tumor Metastasis. ACS Applied Materials & Diterfaces, 2019, 11, 7800-7811.	4.0	35
1810	Human and equine endothelial cells in a live cell imaging scratch assay in vitro. Clinical Hemorheology and Microcirculation, 2019, 70, 495-509.	0.9	2
1811	SMYD3 promotes epithelial ovarian cancer metastasis by downregulating p53 protein stability and promoting p53 ubiquitination. Carcinogenesis, 2019, 40, 1492-1503.	1.3	11
1812	Cdc42 activation by endothelin regulates neural crest cell migration in the cardiac outflow tract. Developmental Dynamics, 2019, 248, 795-812.	0.8	4
1813	Biofabrication of phenotypic pulmonary fibrosis assays. Biofabrication, 2019, 11, 032005.	3.7	7
1814	Age Structure Can Account for Delayed Logistic Proliferation of Scratch Assays. Bulletin of Mathematical Biology, 2019, 81, 2706-2724.	0.9	5
1815	Anticancer and biological properties of a Zn-2,6-diacetylpyridine bis(thiosemicarbazone) complex. Metallomics, 2019, 11, 1372-1386.	1.0	34
1816	Histone H1 improves regeneration after mouse spinal cord injury and changes shape and gene expression of cultured astrocytes. Restorative Neurology and Neuroscience, 2019, 37, 291-313.	0.4	5

#	Article	IF	Citations
1817	Biosynthesis and characterization of antibacterial thermosensitive hydrogels based on corn silk extract, hyaluronic acid and nanosilver for potential wound healing. Carbohydrate Polymers, 2019, 223, 115023.	5.1	148
1818	Nitric oxide releasing chitosan-poly (vinyl alcohol) hydrogel promotes angiogenesis in chick embryo model. International Journal of Biological Macromolecules, 2019, 136, 901-910.	3.6	68
1819	Dose-response relationships between copper and its biocompatibility/antibacterial activities. Journal of Trace Elements in Medicine and Biology, 2019, 55, 127-135.	1.5	71
1820	<p>Androgen receptor promotes oral squamous cell carcinoma cell migration by increasing EGFR phosphorylation</p> . OncoTargets and Therapy, 2019, Volume 12, 4245-4252.	1.0	16
1821	Dendrimer-Based Platform for Effective Capture of Tumor Cells after TGFβ ₁ -Induced Epithelialâ€"Mesenchymal Transition. Analytical Chemistry, 2019, 91, 8374-8382.	3.2	11
1822	Biomechanics of Collective Cell Migration in Cancer Progression: Experimental and Computational Methods. ACS Biomaterials Science and Engineering, 2019, 5, 3766-3787.	2.6	34
1823	Calhex ₂₃₁ Alleviates High Glucose-Induced Myocardial Fibrosis <i>via</i> Inhibiting Itch-Ubiquitin Proteasome Pathway <i>in Vitro</i> . Biological and Pharmaceutical Bulletin, 2019, 42, 1337-1344.	0.6	9
1824	Prolonged inhibition of P-glycoprotein after exposure to chemotherapeutics increases cell mortality in multidrug resistant cultured cancer cells. PLoS ONE, 2019, 14, e0217940.	1.1	14
1825	CID-6033590 inhibits p38MAPK pathway and induces S-phase cell cycle arrest and apoptosis in DU145 and PC-3 cells. Toxicology in Vitro, 2019, 60, 420-436.	1.1	12
1826	The secreted matrix protein mindin increases prostate tumor progression and tumor-bone crosstalk via ERK 1/2 regulation. Carcinogenesis, 2019, 40, 828-839.	1.3	7
1827	Synthetic Calcium Phosphate Ceramics as a Potential Treatment for Bisphosphonate-Related Osteonecrosis of the Jaw. Materials, 2019, 12, 1840.	1.3	14
1828	In vitro wound healing potency of methanolic leaf extract of Aristolochia saccata is possibly mediated by its stimulatory effect on collagen-1 expression. Heliyon, 2019, 5, e01648.	1.4	60
1829	Wound fluids collected postoperatively from patients with breast cancer induce epithelial to mesenchymal transition but intraoperative radiotherapy impairs this effect by activating the radiation-induced bystander effect. Scientific Reports, 2019, 9, 7891.	1.6	16
1830	Coupling the near-infrared fluorescent dye IR-780 with cabazitaxel makes renal cell carcinoma chemotherapy possible. Biomedicine and Pharmacotherapy, 2019, 116, 109001.	2.5	11
1831	Effects of structural distinction in neodymium nanoparticle for therapeutic application in aberrant angiogenesis. Colloids and Surfaces B: Biointerfaces, 2019, 181, 450-460.	2.5	11
1832	Fluorescent cyclic phosphoramide mustards and their cytotoxicity against cancer and cancer stem cells. Polyhedron, 2019, 172, 205-215.	1.0	2
1833	The human nephrin Y1139RSL motif is essential for podocyte foot process organization and slit diaphragm formation during glomerular development. Journal of Biological Chemistry, 2019, 294, 10773-10788.	1.6	4
1834	Flexibility sustains epithelial tissue homeostasis. Current Opinion in Cell Biology, 2019, 60, 84-91.	2.6	29

#	Article	IF	CITATIONS
1835	Effects of Calcium Hypochlorite and Octenidine Hydrochloride on L929 And Human Periodontal Ligament Cells. Brazilian Dental Journal, 2019, 30, 213-219.	0.5	10
1836	Development of double strand RNA mPEI nanoparticles and application in treating invasive breast cancer. RSC Advances, 2019, 9, 13186-13200.	1.7	3
1837	Silencing of ANKRD12 circRNA induces molecular and functional changes associated with invasive phenotypes. BMC Cancer, 2019, 19, 565.	1.1	33
1838	Curcumin induced oxidative stress attenuation by N-acetylcysteine co-treatment: a fibroblast and epithelial cell in-vitro study in idiopathic pulmonary fibrosis. Molecular Medicine, 2019, 25, 27.	1.9	18
1839	Oxidative stress mediates depot-specific functional differences of human adipose-derived stem cells. Stem Cell Research and Therapy, 2019, 10, 141.	2.4	18
1840	Blockade of AT1 receptor restore the migration of vascular smooth muscle cells in high sodium medium. Cell Biology International, 2019, 43, 890-898.	1.4	1
1841	Pentachloropseudilin Impairs Angiogenesis by Disrupting the Actin Cytoskeleton, Integrin Trafficking and the Cell Cycle. ChemBioChem, 2019, 20, 2390-2401.	1.3	7
1842	Repressive role of stabilized hypoxia inducible factor $1\hat{1}$ expression on transforming growth factor $\hat{1}^2\hat{a}\in \mathbb{R}$ induced extracellular matrix production in lung cancer cells. Cancer Science, 2019, 110, 1959-1973.	1.7	19
1843	SIRT2 Contributes to the Resistance of Melanoma Cells to the Multikinase Inhibitor Dasatinib. Cancers, 2019, 11, 673.	1.7	22
1844	Evaluation of two distinct placentalâ€derived membranes and their effect on tenocyte responses in vitro. Journal of Tissue Engineering and Regenerative Medicine, 2019, 13, 1316-1330.	1.3	7
1845	In vitro evaluation of the therapeutic potential of Anatolian kermes oak (Quercus coccifera L.) as an alternative wound healing agent. Industrial Crops and Products, 2019, 137, 24-32.	2.5	20
1846	Effects of Copper Chelation on BRAFV600E Positive Colon Carcinoma Cells. Cancers, 2019, 11, 659.	1.7	43
1847	Curcuma zedoaria (christm.) roscoe inhibits proliferation of MDA-MB231 cells via caspase-cascade apoptosis. Oriental Pharmacy and Experimental Medicine, 2019, 19, 235-241.	1.2	5
1848	Anti-EMT properties of CoQ0 attributed to PI3K/AKT/NFKB/MMP-9 signaling pathway through ROS-mediated apoptosis. Journal of Experimental and Clinical Cancer Research, 2019, 38, 186.	3.5	94
1849	E-cadherin mediated cell-biomaterial interaction reduces migration of keratinocytes in-vitro. Colloids and Surfaces B: Biointerfaces, 2019, 180, 326-333.	2.5	10
1850	Collagen-rich airway smooth muscle cells are a metastatic niche for tumor colonization in the lung. Nature Communications, 2019, 10, 2131.	5.8	27
1851	The small molecule SI113 hinders epithelialâ€toâ€mesenchymal transition and subverts cytoskeletal organization in human cancer cells. Journal of Cellular Physiology, 2019, 234, 22529-22542.	2.0	16
1852	APPBP2 enhances non-small cell lung cancer proliferation and invasiveness through regulating PPM1D and SPOP. EBioMedicine, 2019, 44, 138-149.	2.7	6

#	Article	IF	CITATIONS
1853	Assessment of DNA Topoisomerase I Unwinding Activity, Radical Scavenging Capacity, and Inhibition of Breast Cancer Cell Viability of N-alkyl-acridones and N,N′-dialkyl-9,9′-biacridylidenes. Biomolecules, 2019, 9, 177.	1.8	8
1854	Oligonucleotide-directed STAT3 alternative splicing switch drives anti-tumorigenic outcomes in MCF10 human breast cancer cells. Biochemical and Biophysical Research Communications, 2019, 513, 1076-1082.	1.0	6
1855	Targeted delivery of poly (methyl methacrylate) particles in colon cancer cells selectively attenuates cancer cell proliferation. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 1533-1542.	1.9	40
1856	Identification of microRNA transcriptome reveals that miR-100 is involved in the renewal of porcine intestinal epithelial cells. Science China Life Sciences, 2019, 62, 816-828.	2.3	13
1857	Fuplatin: An Efficient and Low-Toxic Dual-Prodrug. Journal of Medicinal Chemistry, 2019, 62, 4543-4554.	2.9	47
1858	CD13 tethers the IQGAP1-ARF6-EFA6 complex to the plasma membrane to promote ARF6 activation, \hat{l}^21 integrin recycling, and cell migration. Science Signaling, 2019, 12, .	1.6	26
1859	Angiogenic properties of dental pulp stem cells conditioned medium on endothelial cells inÂvitro and in rodent orthotopic dental pulp regeneration. Heliyon, 2019, 5, e01560.	1.4	36
1860	Lectin from Dioclea violacea induces autophagy in U87 glioma cells. International Journal of Biological Macromolecules, 2019, 134, 660-672.	3.6	17
1861	Development and characterisation of acquired radioresistant breast cancer cell lines. Radiation Oncology, 2019, 14, 64.	1.2	72
1862	Oxalomalate suppresses metastatic melanoma through IDH-targeted stress response to ROS. Free Radical Research, 2019, 53, 418-429.	1.5	7
1863	Human vascular cell responses to the circulating bone hormone osteocalcin. Journal of Cellular Physiology, 2019, 234, 21039-21048.	2.0	12
1864	<i>In Vitro</i> Evaluation of Proliferation and Migration Behaviour of Human Bone Marrow-Derived Mesenchymal Stem Cells in Presence of Platelet-Rich Plasma. International Journal of Dentistry, 2019, 2019, 1-8.	0.5	6
1865	Reductive Stress Selectively Disrupts Collagen Homeostasis and Modifies Growth Factor-independent Signaling Through the MAPK/Akt Pathway in Human Dermal Fibroblasts. Molecular and Cellular Proteomics, 2019, 18, 1123-1137.	2.5	9
1866	Migration and Phenotype Control of Human Dermal Fibroblasts by Electrospun Fibrous Substrates. Advanced Healthcare Materials, 2019, 8, e1801378.	3.9	31
1867	Nimotuzumab inhibits epithelial–mesenchymal transition in prostate cancer by targeting the Akt/YBâ€1/AR axis. IUBMB Life, 2019, 71, 928-941.	1.5	9
1868	Development of a versatile DNMT and HDAC inhibitor C02S modulating multiple cancer hallmarks for breast cancer therapy. Bioorganic Chemistry, 2019, 87, 200-208.	2.0	37
1869	Effects of Periploca forrestii Schltr on wound healing by Src meditated Mek/Erk and PI3K/Akt signals. Journal of Ethnopharmacology, 2019, 237, 116-127.	2.0	14
1870	Safe and Effective Delivery of Antitumor Drug Using Mesenchymal Stem Cells Impregnated with Submicron Carriers. ACS Applied Materials & Submicron Carriers.	4.0	43

#	Article	IF	Citations
1871	ATP7A delivers copper to the lysyl oxidase family of enzymes and promotes tumorigenesis and metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6836-6841.	3.3	117
1872	CGK062, a small chemical molecule, inhibits cancer upregulated gene 2‑induced oncogenesis through NEK2 and β‑catenin. International Journal of Oncology, 2019, 54, 1295-1305.	1.4	8
1873	Biological activity of Aesculus hippocastanum flower extracts on vascular endothelial cells cultured in vitro. Phytochemistry Letters, 2019, 30, 367-375.	0.6	6
1874	In Vitro Assays to Evaluate the Migration, Invasion, and Proliferation of Immortalized Human First-trimester Trophoblast Cell Lines. Journal of Visualized Experiments, 2019, , .	0.2	4
1875	Activation of Murine Immune Cells upon Co-culture with Plasma-treated B16F10 Melanoma Cells. Applied Sciences (Switzerland), 2019, 9, 660.	1.3	30
1876	Screening of acetaminophen-induced alterations in epithelial-to-mesenchymal transition-related expression of microRNAs in a model of stem-like triple-negative breast cancer cells: The possible functional impacts. Gene, 2019, 702, 46-55.	1.0	7
1877	Towards a modern approach to traditional use: in vitro and in vivo evaluation of Alchemilla vulgaris L. gel wound healing potential. Journal of Ethnopharmacology, 2019, 238, 111789.	2.0	25
1878	High Mobility Group Box 1 Protein in Osteoarthritic Knee Tissue and Chondrogenic Progenitor Cells: An <i>Ex Vivo</i> and <i>In Vitro</i> Study. Cartilage, 2021, 12, 484-495.	1.4	12
1879	Human Tumor-Associated Macrophage and Monocyte Transcriptional Landscapes Reveal Cancer-Specific Reprogramming, Biomarkers, and Therapeutic Targets. Cancer Cell, 2019, 35, 588-602.e10.	7.7	636
1880	A bioactive exopolysaccharide from marine bacteria Alteromonas sp. PRIM-28 and its role in cell proliferation and wound healing in vitro. International Journal of Biological Macromolecules, 2019, 131, 10-18.	3.6	38
1881	In Vitro Scratch Assay to Demonstrate Effects of Arsenic on Skin Cell Migration. Journal of Visualized Experiments, 2019, , .	0.2	26
1882	Anti-biofilm, nitric oxide inhibition and wound healing potential of purpurin-18 phytyl ester isolated from Clinacanthus nutans leaves. Biomedicine and Pharmacotherapy, 2019, 113, 108724.	2.5	13
1883	Effect of non-adhering dressings on promotion of fibroblast proliferation and wound healing in vitro. Scientific Reports, 2019, 9, 4320.	1.6	34
1884	Traditional Chinese medicine formulation Yanggan Jiedu Sanjie inhibits TGF- \hat{l}^21 -induced epithelial-mesenchymal transition and metastatic potential in human hepatocarcinoma Bel-7402 cells. BMC Complementary and Alternative Medicine, 2019, 19, 67.	3.7	11
1885	Increased expression of neurotensin in high grade serous ovarian carcinoma with evidence of serous tubal intraepithelial carcinoma. Journal of Pathology, 2019, 248, 352-362.	2.1	10
1886	Protocols for Genetic and Epigenetic Studies of Rare Diseases Affecting Dental Tissues. Methods in Molecular Biology, 2019, 1922, 453-492.	0.4	1
1887	Development of low molecular weight heparin by H2O2/ascorbic acid with ultrasonic power and its anti-metastasis property. International Journal of Biological Macromolecules, 2019, 133, 101-109.	3.6	25
1888	Anticancer activity of grassy Hystrix brachyura bezoar and its mechanisms of action: An in vitro and in vivo based study. Biomedicine and Pharmacotherapy, 2019, 114, 108841.	2.5	8

#	Article	IF	CITATIONS
1889	BODIPY-Decorated Nanoscale Covalent Organic Frameworks for Photodynamic Therapy. IScience, 2019, 14, 180-198.	1.9	130
1890	Cancer-Associated Fibroblasts Induce Epithelial-Mesenchymal Transition in Endometrial Cancer Cells by Regulating Pituitary Tumor Transforming Gene. Cancer Investigation, 2019, 37, 134-143.	0.6	12
1891	(â^')-Myrtenol accelerates healing of acetic acid-induced gastric ulcers in rats and in human gastric adenocarcinoma cells. European Journal of Pharmacology, 2019, 854, 139-148.	1.7	20
1892	Size-Dependent Biological Effects of Quercetin Nanocrystals. Molecules, 2019, 24, 1438.	1.7	17
1893	Atypical plant homeodomain of UBR7 functions as an H2BK120Ub ligase and breast tumor suppressor. Nature Communications, 2019, 10, 1398.	5.8	35
1894	Selfâ€Assembly of Spherical Organic Molecules to Form Hollow Vesicular Structures in Water for Encapsulation of an Anticancer Drug and Its Release. Chemistry - an Asian Journal, 2019, 14, 1992-1999.	1.7	2
1895	Toll-like receptor 9 antagonism modulates astrocyte function and preserves proximal axons following spinal cord injury. Brain, Behavior, and Immunity, 2019, 80, 328-343.	2.0	19
1896	The Effect of Rhodamine-Derived Superparamagnetic Maghemite Nanoparticles on the Motility of Human Mesenchymal Stem Cells and Mouse Embryonic Fibroblast Cells. Molecules, 2019, 24, 1192.	1.7	2
1897	<i>LINC00261</i> Is an Epigenetically Regulated Tumor Suppressor Essential for Activation of the DNA Damage Response. Cancer Research, 2019, 79, 3050-3062.	0.4	75
1898	Nox1/Ref-1-mediated activation of CREB promotes Gremlin1-driven endothelial cell proliferation and migration. Redox Biology, 2019, 22, 101138.	3.9	35
1899	Automated image processing as an analytical tool in cell cryopreservation for bioprocess development. Bioprocess and Biosystems Engineering, 2019, 42, 665-675.	1.7	1
1900	Directed Collective Cell Migration Using Three-Dimensional Bioprinted Micropatterns on Thermoresponsive Surfaces for Myotube Formation. ACS Biomaterials Science and Engineering, 2019, 5, 3935-3943.	2.6	23
1901	Mesenchymal Stem Cell Engineered Nanovesicles for Accelerated Skin Wound Closure. ACS Biomaterials Science and Engineering, 2019, 5, 1534-1543.	2.6	23
1902	Design criteria and standardization of a microfluidic cell culture system for investigating cellular migration. Journal of Micromechanics and Microengineering, 2019, 29, 043003.	1.5	3
1903	Novel Ran-RCC1 Inhibitory Peptide-Loaded Nanoparticles Have Anti-Cancer Efficacy In Vitro and In Vivo. Cancers, 2019, 11, 222.	1.7	29
1904	CD9 regulates keratinocyte migration by negatively modulating the sheddase activity of ADAM17. International Journal of Biological Sciences, 2019, 15, 493-506.	2.6	15
1905	In vitro wound healing activity of Scrophularia striata hydroalcoholic extract. South African Journal of Botany, 2019, 121, 505-509.	1.2	16
1906	Connexin43 Suppresses Lung Cancer Stem Cells. Cancers, 2019, 11, 175.	1.7	19

#	Article	IF	Citations
1907	A Phosphinateâ€Containing Fluorophore Capable of Selectively Inducing Apoptosis in Cancer Cells. ChemBioChem, 2019, 20, 1712-1716.	1.3	11
1908	Non-damaging stretching combined with sodium pyruvate supplement accelerate migration of fibroblasts and myoblasts during gap closure. Clinical Biomechanics, 2019, 62, 96-103.	0.5	14
1909	KIAA1199 is a secreted molecule that enhances osteoblastic stem cell migration and recruitment. Cell Death and Disease, 2019, 10, 126.	2.7	31
1910	S100A8 & S100A9: Alarmin mediated inflammation in tendinopathy. Scientific Reports, 2019, 9, 1463.	1.6	61
1911	<i>In vitro</i> cell migration quantification method for scratch assays. Journal of the Royal Society Interface, 2019, 16, 20180709.	1.5	76
1912	Using Experimental Data and Information Criteria to Guide Model Selection for Reaction–Diffusion Problems in Mathematical Biology. Bulletin of Mathematical Biology, 2019, 81, 1760-1804.	0.9	60
1913	Dynamics phenotyping across length and time scales in collective cell migration. Seminars in Cell and Developmental Biology, 2019, 93, 69-76.	2.3	5
1914	Multifunctional Zn doped hollow mesoporous silica/polycaprolactone electrospun membranes with enhanced hair follicle regeneration and antibacterial activity for wound healing. Nanoscale, 2019, 11, 6315-6333.	2.8	103
1915	Aberrant Activation Of Hedgehog Signalling Promotes Cell Migration And Invasion Via Matrix Metalloproteinase-7 In Ovarian Cancer Cells. Journal of Cancer, 2019, 10, 990-1003.	1.2	43
1916	Selective deletion of endothelial cell calpain in mice reduces diabetic cardiomyopathy by improving angiogenesis. Diabetologia, 2019, 62, 860-872.	2.9	30
1917	Sphigosine-1-phosphate receptor 1 promotes neointimal hyperplasia in a mouse model of carotid artery injury. Biochemical and Biophysical Research Communications, 2019, 511, 179-184.	1.0	8
1918	Fatty acid composition of vegetable oil blend and in vitro effects of pharmacotherapeutical skin care applications. Brazilian Journal of Medical and Biological Research, 2019, 52, e8209.	0.7	17
1919	Calendula arvensis L. as an anti-cancer agent against breast cancer cell lines. Molecular Biology Reports, 2019, 46, 2187-2196.	1.0	22
1920	Effect of alternan <i>versus</i> chitosan on the biological properties of human mesenchymal stem cells. RSC Advances, 2019, 9, 4370-4379.	1.7	12
1921	Benzophenones as xanthone-open model CYP11B1 inhibitors potentially useful for promoting wound healing. Bioorganic Chemistry, 2019, 86, 401-409.	2.0	10
1922	Wound healing activity of terpinolene and \hat{l}_{\pm} -phellandrene by attenuating inflammation and oxidative stress in vitro. Journal of Tissue Viability, 2019, 28, 94-99.	0.9	70
1923	Magnetic Tissue Engineering of the Vocal Fold Using Superparamagnetic Iron Oxide Nanoparticles. Tissue Engineering - Part A, 2019, 25, 1470-1477.	1.6	20
1924	Zebrafish finâ€derived fibroblast cell line: A model for in vitro wound healing. Journal of Fish Diseases, 2019, 42, 573-584.	0.9	12

#	Article	IF	CITATIONS
1925	Development of a Microfluidic Chip for 3D Cancer Cell Migration Assay., 2019,,.		0
1926	FIRST DESCRIPTION OF ANTIBACTERIAL AND IN VITRO WOUND HEALING PROPERTIES OF COCOS NUCIFERA TOMENTUM. Asian Journal of Pharmaceutical and Clinical Research, 2019, , 118-122.	0.3	O
1927	Evaluation of Fish Hydrolyzate Interaction with Skin Cells. Proceedings (mdpi), 2019, 29, 24.	0.2	0
1928	IN VITRO WOUND HEALING AND ANTIMICROBIAL PROPERTY OF COTTON FABRICS COATED OPTIMIZED SILVER NANOPARTICLES SYNTHESIZED USING PELTOPHORUM PTEROCARPUM LEAF EXTRACTS. Asian Journal of Pharmaceutical and Clinical Research, 0, , 216-222.	0.3	6
1929	Anti-brain cancer activity of chloroform and hexane extracts of Tinospora cordifolia Miers: an in vitro perspective. Annals of Neurosciences, 2019, 26, 10-20.	0.9	14
1930	EFFECT OF MANIHOT ESCULENTA AQUEOUS EXTRACT AND THERAPEUTIC ULTRASOUND IN ACCELERATING THE WOUND HEALING PROCESS IN VITRO. Jurnal Teknologi (Sciences and Engineering), 2019, 81, .	0.3	2
1931	Angiogenic Transformation in Human Brain Micro Endothelial Cells: Whole Genome DNA Methylation and Transcriptomic Analysis. Frontiers in Physiology, 2019, 10, 1502.	1.3	13
1932	Characterization of silk sutures coated with propolis and biogenic silver nanoparticles (AgNPs); an eco-friendly solution with wound healing potential against surgical site infections (SSIs). Turkish Journal of Medical Sciences, 2020, 50, 258-266.	0.4	19
1933	A Novel Human Congenital Cataract Mutation in EPHA2 Kinase Domain (p.G668D) Alters Receptor Stability and Function., 2019, 60, 4717.		12
1934	Establishment and initial characterization of a simple 3D wound healing model. Current Directions in Biomedical Engineering, 2019, 5, 581-584.	0.2	0
1935	Inorganic Polyphosphates As Storage for and Generator of Metabolic Energy in the Extracellular Matrix. Chemical Reviews, 2019, 119, 12337-12374.	23.0	107
1936	A 3D Printed Hanging Drop Dripper for Tumor Spheroids Analysis Without Recovery. Scientific Reports, 2019, 9, 19717.	1.6	52
1937	A Review of Electrical Impedance Characterization of Cells for Label-Free and Real-Time Assays. Biochip Journal, 2019, 13, 295-305.	2.5	35
1938	Comparative Biological Effects of Human Amnion and Chorion Membrane Extracts on Human Adipose-Derived Stromal Cells. Journal of Craniofacial Surgery, 2019, 30, 947-954.	0.3	2
1939	Targeting Ovarian Cancer Cell Cytotoxic Drug Resistance Phenotype with <i>Xanthium strumarium</i> L. Extract. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-13.	0.5	6
1940	Lipocalin 2 Protects Against Escherichia coli Infection by Modulating Neutrophil and Macrophage Function. Frontiers in Immunology, 2019, 10, 2594.	2.2	39
1941	Cabozantinib (XL184) and R428 (BGB324) Inhibit the Growth of Esophageal Squamous Cell Carcinoma (ESCC). Frontiers in Oncology, 2019, 9, 1138.	1.3	17
1942	Identification of Functionally Distinct Mx1+αSMA+ Periosteal Skeletal Stem Cells. Cell Stem Cell, 2019, 25, 784-796.e5.	5.2	128

#	Article	IF	CITATIONS
1943	Homogentisic acid-derived pigment as a biocompatible label for optoacoustic imaging of macrophages. Nature Communications, 2019, 10, 5056.	5.8	13
1944	Identification of novel predictive factors for post surgical corneal haze. Scientific Reports, 2019, 9, 16980.	1.6	15
1945	Activation of heme oxygenase-1 by Ginkgo biloba extract differentially modulates endothelial and smooth muscle-like progenitor cells for vascular repair. Scientific Reports, 2019, 9, 17316.	1.6	9
1946	Inhibitory effects of petasin on human colon carcinoma cells mediated by inactivation of Akt/mTOR pathway. Chinese Medical Journal, 2019, 132, 1071-1078.	0.9	4
1947	Vernolactone Promotes Apoptosis and Autophagy in Human Teratocarcinomal (NTERA-2) Cancer Stem-Like Cells. Stem Cells International, 2019, 2019, 1-12.	1.2	2
1948	Designing a bioactive scaffold from coassembled collagen–laminin short peptide hydrogels for controlling cell behaviour. RSC Advances, 2019, 9, 38745-38759.	1.7	30
1949	Ga and Ce ion-doped phosphate glass fibres with antibacterial properties and their composite for wound healing applications. Journal of Materials Chemistry B, 2019, 7, 6981-6993.	2.9	35
1950	Activator Protein-1 Transcriptional Activity Drives Soluble Micrograft-Mediated Cell Migration and Promotes the Matrix Remodeling Machinery. Stem Cells International, 2019, 2019, 1-19.	1.2	5
1951	Effects of Receptor for Advanced Glycation End-Products (RAGE) Signaling on Intestinal Ischemic Damage in Mice. European Surgical Research, 2019, 60, 239-247.	0.6	0
1952	Lipophilic statins antagonistically alter the major epithelialâ€toâ€mesenchymal transition signaling pathways in breast cancer stem–like cells via inhibition of the mevalonate pathway. Journal of Cellular Biochemistry, 2019, 120, 2515-2531.	1.2	30
1953	Perfused 3D angiogenic sprouting in a high-throughput in vitro platform. Angiogenesis, 2019, 22, 157-165.	3.7	147
1954	Reduced Arginyltransferase 1 is a driver and a potential prognostic indicator of prostate cancer metastasis. Oncogene, 2019, 38, 838-851.	2.6	19
1955	Recent progress in covalent organic framework thin films: fabrications, applications and perspectives. Chemical Society Reviews, 2019, 48, 488-516.	18.7	564
1956	Phytochemical Characterization and Evaluation of the Antimicrobial, Antiproliferative and Pro-Apoptotic Potential of Ephedra alata Decne. Hydroalcoholic Extract against the MCF-7 Breast Cancer Cell Line. Molecules, 2019, 24, 13.	1.7	63
1957	Akebia trifoliata (Thunb.) Koidz Seed Extract inhibits human hepatocellular carcinoma cell migration and invasion in vitro. Journal of Ethnopharmacology, 2019, 234, 204-215.	2.0	16
1958	Self-assembled phenylisoxazole-peptide hybrid assemblies and their interactions with breast and ovarian tumor cells. International Journal of Polymeric Materials and Polymeric Biomaterials, 2019, 68, 978-992.	1.8	1
1959	Functional interaction between PDGF \hat{l}^2 and GluN2B-containing NMDA receptors in smooth muscle cell proliferation and migration in pulmonary arterial hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L445-L455.	1.3	12
1960	Nrf2 dependent antiaging effect of milkâ€derived bioactive peptide in old fibroblasts. Journal of Cellular Biochemistry, 2019, 120, 9677-9691.	1.2	8

#	Article	IF	Citations
1961	Expanding knowledge on Russula alatoreticula, a novel mushroom from tribal cuisine, with chemical and pharmaceutical relevance. Cytotechnology, 2019, 71, 245-259.	0.7	7
1962	Molecular characterization of an MLL1 fusion and its role in chromosomal instability. Molecular Oncology, 2019, 13, 422-440.	2.1	3
1963	Serine protease modulation of Dependence Receptors and EMT protein expression. Cancer Biology and Therapy, 2019, 20, 349-367.	1.5	5
1964	Epithelial-To-Mesenchymal Transition and Migration of Human Peritoneal Mesothelial Cells Undergoing Senescence. Peritoneal Dialysis International, 2019, 39, 35-41.	1.1	8
1965	ROBO4 variants predispose individuals to bicuspid aortic valve and thoracic aortic aneurysm. Nature Genetics, 2019, 51, 42-50.	9.4	101
1966	Saccharomyces cerevisiae inhibits growth and metastasis and stimulates apoptosis in HT-29 colorectal cancer cell line. Comparative Clinical Pathology, 2019, 28, 985-995.	0.3	20
1967	Ethanolic extract of Kaempferia parviflora interrupts the mechanisms-associated rheumatoid arthritis in SW982 culture model via p38/STAT1 and STAT3 pathways. Phytomedicine, 2019, 59, 152755.	2.3	16
1968	Wound healing properties of aqueous extracts of Sargassum illicifolium: An in vitro assay. Wound Medicine, 2019, 24, 1-7.	2.7	23
1969	Possible reparative effect of low-intensity pulsed ultrasound (LIPUS) on injured meniscus. Journal of Cell Communication and Signaling, 2019, 13, 193-207.	1.8	16
1970	Nanohydroxyapatite Exerts Cytotoxic Effects and Prevents Cellular Proliferation and Migration in Glioma Cells. Toxicological Sciences, 2019, 169, 34-42.	1.4	9
1971	Biosynthesized Silver Nanoparticle (AgNP) From Pandanus odorifer Leaf Extract Exhibits Anti-metastasis and Anti-biofilm Potentials. Frontiers in Microbiology, 2019, 10, 8.	1.5	83
1972	GRASP depletion–mediated Golgi destruction decreases cell adhesion and migration via the reduction of α5β1 integrin. Molecular Biology of the Cell, 2019, 30, 766-777.	0.9	30
1973	Antimicrobial and anti-inflammatory drug-delivery systems at endodontic reparative material: Synthesis and characterization. Dental Materials, 2019, 35, 457-467.	1.6	17
1974	Evaluation of dermal tissue regeneration using resveratrol loaded fibrous matrix in a preclinical mouse model of full-thickness ischemic wound. International Journal of Pharmaceutics, 2019, 558, 177-186.	2.6	27
1975	A tumor-specific endogenous repetitive element is induced by herpesviruses. Nature Communications, 2019, 10, 90.	5.8	25
1976	Critical Role of mTORC2-Akt Signaling in TGF- \hat{l}^21 -Induced Myofibroblast Differentiation of Human Pterygium Fibroblasts. , 2019, 60, 82.		24
1977	Assessment of the Immunosuppressive Potential of INF- \hat{l}^3 Licensed Adipose Mesenchymal Stem Cells, Their Secretome and Extracellular Vesicles. Cells, 2019, 8, 22.	1.8	51
1978	Rational Approach Towards Designing Metallogels From a Ureaâ€Functionalized Pyridyl Dicarboxylate: Antiâ€inflammatory, Anticancer, and Drug Delivery. Chemistry - an Asian Journal, 2019, 14, 194-204.	1.7	23

#	Article	IF	CITATIONS
1979	The manganese(III) porphyrin MnTnHex-2-PyP5+ modulates intracellular ROS and breast cancer cell migration: Impact on doxorubicin-treated cells. Redox Biology, 2019, 20, 367-378.	3.9	37
1980	Hyperbaric oxygen affects endothelial progenitor cells proliferation in vitro. Cell Biology International, 2019, 43, 136-146.	1.4	15
1981	Rhazyaminine from Rhazya stricta Inhibits Metastasis and Induces Apoptosis by Downregulating Bcl-2 Gene in MCF7 Cell Line. Integrative Cancer Therapies, 2019, 18, 153473541880990.	0.8	5
1982	Wound-on-a-chip: High-throughput 3D wound healing assay with a novel SU-8 mesh chip. Sensors and Actuators B: Chemical, 2019, 280, 86-93.	4.0	7
1983	Oleuropein inhibits migration ability through suppression of epithelialâ€mesenchymal transition and synergistically enhances doxorubicinâ€mediated apoptosis in MCFâ€7 cells. Journal of Cellular Physiology, 2019, 234, 9093-9104.	2.0	27
1984	Recent development of portable imaging platforms for cell-based assays. Biosensors and Bioelectronics, 2019, 124-125, 150-160.	5.3	30
1985	$HIF-1\hat{1}\pm$ -derived cell-penetrating peptides inhibit ERK-dependent activation of HIF-1 and trigger apoptosis of cancer cells under hypoxia. Cellular and Molecular Life Sciences, 2019, 76, 809-825.	2.4	41
1986	Composition, antioxidant capacity and cytotoxic activity of Eugenia uniflora L. chemotype-oils from the Amazon. Journal of Ethnopharmacology, 2019, 232, 30-38.	2.0	67
1987	Material approaches to active tissue mechanics. Nature Reviews Materials, 2019, 4, 23-44.	23.3	103
1988	Continuous, label-free, 96-well-based determination of cell migration using confluence measurement. Cell Adhesion and Migration, 2019, 13, 76-82.	1.1	1
1989	Data driven mathematical modeling reveals the dynamic mechanism of MSCâ€induced neovascularization. FASEB Journal, 2019, 33, 3496-3509.	0.2	3
1990	Global analysis of osteosarcoma lipidomes reveal altered lipid profiles in metastatic versus nonmetastatic cells. Journal of Lipid Research, 2019, 60, 375-387.	2.0	32
1991	Simulating Inflammation in a Wound Microenvironment Using a Dermal Woundâ€onâ€aâ€Chip Model. Advanced Healthcare Materials, 2019, 8, e1801307.	3.9	46
1992	A molecular basis for the synergy between 17‑allylamino‑17‑demethoxy geldanamycin with Capecitabine and Irinotecan in human colorectal cancer cells through VEFG and MMP-9 gene expression. Gene, 2019, 684, 30-38.	1.0	23
1993	Leptin impairs the therapeutic effect of ionizing radiation in oral squamous cell carcinoma cells. Journal of Oral Pathology and Medicine, 2019, 48, 17-23.	1.4	14
1994	Design, Synthesis and Molecular Docking Studies of Some Tetrahydropyrimidine Derivatives as Possible Fascin Inhibitors. Chemistry and Biodiversity, 2019, 16, e1800339.	1.0	5
1995	Expression of membrane progesterone receptors (mPRs) in rat peripheral glial cell membranes and their potential role in the modulation of cell migration and protein expression. Steroids, 2019, 142, 6-13.	0.8	25
1996	Invitro Evaluation of Torin2 and 2, 6-Dihydroxyacetophenone in Colorectal Cancer Therapy. Pathology and Oncology Research, 2019, 25, 301-309.	0.9	6

#	ARTICLE	IF	Citations
1997	Development of regenerative and flexible fibroinâ€based wound dressings. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 7-18.	1.6	30
1998	Using the scratch assay to study cell migration in an inquiry-based cell biology lab. Journal of Biological Education, 2019, 53, 157-164.	0.8	4
1999	Physiological characterization of ocular melanosisâ€affected canine melanocytes. Veterinary Ophthalmology, 2019, 22, 132-146.	0.6	2
2000	Light directed migration of a cluster of cells in the centimeter scale. Small GTPases, 2020, 11, 301-307.	0.7	0
2001	Topography guiding the accelerated and persistently directional cell migration induced by vaccinia virus. Chinese Chemical Letters, 2020, 31, 167-171.	4.8	2
2002	Synthesis and evaluation of new 4(3H)-Quinazolinone derivatives as potential anticancer agents. Journal of Molecular Structure, 2020, 1200, 127097.	1.8	16
2003	PTEN loss activates a functional AKT/CXCR4 signaling axis to potentiate tumor growth and lung metastasis in human osteosarcoma cells. Clinical and Experimental Metastasis, 2020, 37, 173-185.	1.7	22
2004	Optimization of the effectiveness and cytocompatibility of Nigella sativa as a co-treatment for reducing methotrexate-related adverse effects. Comparative Clinical Pathology, 2020, 29, 287-296.	0.3	4
2005	Pore size-mediated macrophage M1-to-M2 transition influences new vessel formation within the compartment of a scaffold. Applied Materials Today, 2020, 18, 100466.	2.3	36
2006	Autologous micrograft accelerates endogenous wound healing response through ERK-induced cell migration. Cell Death and Differentiation, 2020, 27, 1520-1538.	5.0	29
2007	TRPM2â€AS inhibits the growth, migration, and invasion of gliomas through JNK, câ€Jun, and RGS4. Journal of Cellular Physiology, 2020, 235, 4594-4604.	2.0	19
2008	Lipopolysaccharide and Morphine-3-Glucuronide-Induced Immune Signalling Increases the Expression of Polysialic Acid in PC12 Cells. Molecular Neurobiology, 2020, 57, 964-975.	1.9	4
2009	Hepatic Arterial Bland Embolization Increases Th17 Cell Infiltration in a Syngeneic Rat Model of Hepatocellular Carcinoma. CardioVascular and Interventional Radiology, 2020, 43, 311-321.	0.9	15
2010	RNF144A functions as a tumor suppressor in breast cancer through ubiquitin ligase activity-dependent regulation of stability and oncogenic functions of HSPA2. Cell Death and Differentiation, 2020, 27, 1105-1118.	5.0	35
2011	Cerium Oxide Nanoparticle Incorporated Electrospun Poly(3-hydroxybutyrate- <i>co</i> -3-hydroxyvalerate) Membranes for Diabetic Wound Healing Applications. ACS Biomaterials Science and Engineering, 2020, 6, 58-70.	2.6	120
2012	Proteomic Analysis Reveals Antiâ€Fibrotic Effects of Blue Light Photobiomodulation on Fibroblasts. Lasers in Surgery and Medicine, 2020, 52, 358-372.	1.1	6
2013	Partial Loss of USP9X Function Leads to a Male Neurodevelopmental and Behavioral Disorder Converging on Transforming Growth Factor \hat{l}^2 Signaling. Biological Psychiatry, 2020, 87, 100-112.	0.7	42
2014	Investigation of the Short-term Effects of Heat Shock on Human Hamstring Tenocytes In Vitro. Regenerative Engineering and Translational Medicine, 2020, 6, 50-61.	1.6	O

#	Article	IF	CITATIONS
2015	Comparison of the Anti-Inflammatory and Cytotoxic Potential of Different Corticosteroid Eye Drop Preparations. Ocular Immunology and Inflammation, 2020, 28, 839-845.	1.0	0
2016	Effects of a Titanium Dioxide Thin Film for Improving the Biocompatibility of Diamond-Like Coated Coronary Stents. Metals and Materials International, 2020, 26, 1455-1462.	1.8	9
2017	Antitumor Activity of Propolis: Recent Advances in Cellular Perspectives, Animal Models and Possible Applications. Food Reviews International, 2020, 36, 429-455.	4.3	18
2018	Modulating EGFR-MTORC1-autophagy as a potential therapy for persistent fetal vasculature (PFV) disease. Autophagy, 2020, 16, 1130-1142.	4.3	12
2019	Design of a potent anticancer lead inspired by natural products from traditional Indian medicine. Journal of Biomolecular Structure and Dynamics, 2020, 38, 3563-3577.	2.0	4
2020	Development of a nanomedicine-loaded hydrogel for sustained delivery of an angiogenic growth factor to the ischaemic myocardium. Drug Delivery and Translational Research, 2020, 10, 440-454.	3.0	21
2021	An Erlotinib gold(I) conjugate for combating triple-negative breast cancer. Journal of Inorganic Biochemistry, 2020, 203, 110910.	1.5	28
2022	6 α-Hydroxy-4[14], $10[15]$ -guainadien- 8 β, 12 -olide induced cell cycle arrest via modulation of EMT and Wnt/β-catenin pathway in HER-2 positive breast cancer cells. Journal of Steroid Biochemistry and Molecular Biology, 2020, 197, 105514.	1.2	5
2023	Molecular signature of interleukin-22 in colon carcinoma cells and organoid models. Translational Research, 2020, 216, 1-22.	2.2	6
2024	Repurposing Antibacterial AM404 As a Potential Anticancer Drug for Targeting Colorectal Cancer Stem-Like Cells. Cancers, 2020, 12, 106.	1.7	15
2025	Albumin Nano-Encapsulation of Piceatannol Enhances Its Anticancer Potential in Colon Cancer Via Downregulation of Nuclear p65 and HIF- $1\hat{l}_{\pm}$. Cancers, 2020, 12, 113.	1.7	74
2026	Polymeric films containing pomegranate peel extract based on PVA/starch/PAA blends for use as wound dressing: In vitro analysis and physicochemical evaluation. Materials Science and Engineering C, 2020, 109, 110643.	3.8	48
2027	Light-triggered nitric oxide (NO) release from photoresponsive polymersomes for corneal wound healing. Chemical Science, 2020, 11, 186-194.	3.7	72
2028	Wound dressings functionalized with silver nanoparticles: promises and pitfalls. Nanoscale, 2020, 12, 2268-2291.	2.8	207
2029	Zonisamide enhances neurite outgrowth from adult rat dorsal root ganglion neurons, but not proliferation or migration of Schwann cells. Histochemistry and Cell Biology, 2020, 153, 177-184.	0.8	8
2030	Effect of platelet-rich fibrin on cell proliferation, migration, differentiation, inflammation, and osteoclastogenesis: a systematic review of in vitro studies. Clinical Oral Investigations, 2020, 24, 569-584.	1.4	75
2031	Ultrasound-Assisted miR-122-Loaded Polymeric Nanodroplets for Hepatocellular Carcinoma Gene Therapy. Molecular Pharmaceutics, 2020, 17, 541-553.	2.3	21
2032	Autophagic degradation of KAT2A/GCN5 promotes directional migration of vascular smooth muscle cells by reducing TUBA/ \hat{l}_{\pm} -tubulin acetylation. Autophagy, 2020, 16, 1753-1770.	4.3	21

#	ARTICLE	IF	CITATIONS
2033	A Supersaturated Oxygen Emulsion for the Topical Treatment of Ocular Trauma. Military Medicine, 2020, 185, e466-e472.	0.4	3
2034	Hyperglycemia-induced endothelial dysfunction is alleviated by thioredoxin mimetic peptides through the restoration of VEGFR-2-induced responses and improved cell survival. International Journal of Cardiology, 2020, 308, 73-81.	0.8	15
2035	TGFâ€Î²1 activates RSC96 Schwann cells migration and invasion through MMPâ€⊋ and MMPâ€9 activities. Journal of Neurochemistry, 2020, 153, 525-538.	2.1	52
2036	Hyperglycaemia and Ischaemia Impair Wound Healing via Toll-like Receptor 4 Pathway Activation in vitro and in an Experimental Murine Model. European Journal of Vascular and Endovascular Surgery, 2020, 59, 117-127.	0.8	23
2037	Modulatory Role of Vaginal-Isolated Lactococcus lactis on the Expression of miR-21, miR-200b, and TLR-4 in CAOV-4 Cells and In Silico Revalidation. Probiotics and Antimicrobial Proteins, 2020, 12, 1083-1096.	1.9	19
2038	Plakophilin 1 enhances MYC translation, promoting squamous cell lung cancer. Oncogene, 2020, 39, 5479-5493.	2.6	13
2039	Quiescin/sulfhydryl oxidase 1b (QSOX1b) induces migration and proliferation of vascular smooth muscle cells by distinct redox pathways. Archives of Biochemistry and Biophysics, 2020, 679, 108220.	1.4	5
2040	A novel bilayer zein/MMT nanocomposite incorporated with H. perforatum oil for wound healing. Journal of Materials Science: Materials in Medicine, 2020, 31, 7.	1.7	31
2041	Anti-angiogenic effects of mangiferin and mechanism of action in metastatic melanoma. Melanoma Research, 2020, 30, 39-51.	0.6	23
2042	Extracellular Vesicles Mediate Neuroprotection and Functional Recovery after Traumatic Brain Injury. Journal of Neurotrauma, 2020, 37, 1358-1369.	1.7	40
2043	A smart bioresponsive nanosystem with dual-modal imaging for drug visual loading and targeted delivery. Chemical Engineering Journal, 2020, 391, 123619.	6.6	37
2044	Lipopolysaccharide exposure modulates the contractile and migratory phenotypes of vascular smooth muscle cells. Life Sciences, 2020, 241, 117098.	2.0	11
2045	Silk biomaterials in wound healing and skin regeneration therapeutics: From bench to bedside. Acta Biomaterialia, 2020, 103, 24-51.	4.1	183
2046	Idelalisib inhibits vitreous-induced Akt activation and proliferation of retinal pigment epithelial cells from epiretinal membranes. Experimental Eye Research, 2020, 190, 107884.	1.2	8
2047	CD163 overexpression using a macrophage-directed gene therapy approach improves wound healing in ex vivo and in vivo human skin models. Immunobiology, 2020, 225, 151862.	0.8	23
2048	Chamuangone from <i>Garcinia cowa</i> leaves inhibits cell proliferation and migration and induces cell apoptosis in human cervical cancer <i>in vitro</i> Journal of Pharmacy and Pharmacology, 2020, 72, 470-480.	1.2	3
2049	Inhibition of Rho-Associated Kinase Suppresses Medulloblastoma Growth. Cancers, 2020, 12, 73.	1.7	10
2050	Efficacy of resveratrol in the wound healing process by reducing oxidative stress and promoting fibroblast cell proliferation and migration. Dermatologic Therapy, 2020, 33, e14357.	0.8	30

#	Article	IF	CITATIONS
2051	Internalization of HMGB1 (High Mobility Group Box 1) Promotes Angiogenesis in Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2922-2940.	1.1	18
2052	Maresin-1 and Resolvin E1 Promote Regenerative Properties of Periodontal Ligament Stem Cells Under Inflammatory Conditions. Frontiers in Immunology, 2020, 11, 585530.	2.2	46
2053	Thymoquinone-Loaded Polymeric Films and Hydrogels for Bacterial Disinfection and Wound Healing. Biomedicines, 2020, 8, 386.	1.4	11
2054	The FABP12/PPARγ pathway promotes metastatic transformation by inducing epithelialâ€toâ€mesenchymal transition and lipidâ€derived energy production in prostate cancer cells. Molecular Oncology, 2020, 14, 3100-3120.	2.1	30
2055	Amplified morphogenetic and bone forming activity of amorphous versus crystalline calcium phosphate/polyphosphate. Acta Biomaterialia, 2020, 118, 233-247.	4.1	32
2056	Activity and Effectiveness of Recombinant hEGF Excreted by Escherichia coli BL21 on Wound Healing in Induced Diabetic Mice. Journal of Experimental Pharmacology, 2020, Volume 12, 339-348.	1.5	4
2057	<p>Evaluation of Wound Healing Activity of Salvia haenkei Hydroalcoholic Aerial Part Extract on in vitro and in vivo Experimental Models</p> . Clinical, Cosmetic and Investigational Dermatology, 2020, Volume 13, 627-637.	0.8	7
2058	Carrageenan-based physically crosslinked injectable hydrogel for wound healing and tissue repairing applications. International Journal of Pharmaceutics, 2020, 589, 119828.	2.6	69
2059	Platelet-Rich Plasma Does Not Inhibit Inflammation or Promote Regeneration in Human Osteoarthritic Chondrocytes <i>In Vitro</i> Despite Increased Proliferation. Cartilage, 2021, 13, 991S-1003S.	1.4	15
2060	Aryl hydrocarbon receptor deficiency enhanced airway inflammation and remodeling in a murine chronic asthma model. FASEB Journal, 2020, 34, 15300-15313.	0.2	16
2061	Scratch assay microscopy: A reaction–diffusion equation approach for common instruments and data. Mathematical Biosciences, 2020, 330, 108482.	0.9	9
2062	Endogenous retroviruses drive KRAB zinc-finger protein family expression for tumor suppression. Science Advances, 2020, 6, .	4.7	36
2063	In Vitro and In Vivo Wound Healing and Anti-Inflammatory Activities of Babassu Oil (<i>Attalea) Tj ETQq0 0 0 rgBT 2020, 2020, 1-10.</i>	/Overlock 0.5	10 Tf 50 26 14
2064	Sequential paracrine mechanisms are necessary for the therapeutic benefits of stem cell therapy. American Journal of Physiology - Cell Physiology, 2020, 319, C1141-C1150.	2.1	23
2065	Endogenous THBD (Thrombomodulin) Mediates Angiogenesis in the Ischemic Brain—Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2837-2844.	1.1	17
2066	Wound-healing potential of curcumin loaded lignin nanoparticles. Journal of Drug Delivery Science and Technology, 2020, 60, 102020.	1.4	47
2067	Drupin, a cysteine protease from Ficus drupacea latex accelerates excision wound healing in mice. International Journal of Biological Macromolecules, 2020, 165, 691-700.	3.6	4
2068	Improved delivery and antimetastatic effects of Stattic by self-assembled amphiphilic pendant-dendron copolymer micelles in breast cancer cell lines. Journal of Drug Delivery Science and Technology, 2020, 59, 101905.	1.4	4

#	Article	IF	CITATIONS
2069	Hydrogel Delivery System Containing Calendulae flos Lyophilized Extract with Chitosan as a Supporting Strategy for Wound Healing Applications. Pharmaceutics, 2020, 12, 634.	2.0	17
2070	NudCL2 regulates cell migration by stabilizing both myosin-9 and LIS1 with Hsp90. Cell Death and Disease, 2020, 11, 534.	2.7	10
2071	Impedimetric quantification of migration speed of cancer cells migrating along a Matrigel-filled microchannel. Analytica Chimica Acta, 2020, 1121, 67-73.	2.6	8
2072	Effectiveness of a Controlled 5-FU Delivery Based on FZD10 Antibody-Conjugated Liposomes in Colorectal Cancer In vitro Models. Pharmaceutics, 2020, 12, 650.	2.0	21
2073	Platelet lysate-loaded PLGA nanoparticles in a thermo-responsive hydrogel intended for the treatment of wounds. European Journal of Pharmaceutical Sciences, 2020, 146, 105231.	1.9	18
2074	Nanocrystals Continuously Releasing Nitric Oxide: Promoting Cell Migration and Increasing Cell Survival against Oxidative Stress. Chemistry of Materials, 2020, 32, 9787-9797.	3.2	6
2075	Interrogation of kinase genetic interactions provides a global view of PAK1-mediated signal transduction pathways. Journal of Biological Chemistry, 2020, 295, 16906-16919.	1.6	4
2076	E-cadherin might be a stage-dependent modulator in aggressiveness in pancreatic cancer cells. Turkish Journal of Biology, 2020, 44, 230-237.	2.1	1
2077	Investigation of de novo mutations in a schizophrenia case-parent trio by induced pluripotent stem cell-based in vitro disease modeling: convergence of schizophrenia- and autism-related cellular phenotypes. Stem Cell Research and Therapy, 2020, 11, 504.	2.4	12
2078	Infection with Helicobacter pylori Induces Epithelial to Mesenchymal Transition in Human Cholangiocytes. Pathogens, 2020, 9, 971.	1.2	6
2079	Altered Protein Function Caused by AMD-associated Variant rs704 Links Vitronectin to Disease Pathology., 2020, 61, 2.		14
2080	Î ² -Catenin Regulates Wound Healing and IL-6 Expression in Activated Human Astrocytes. Biomedicines, 2020, 8, 479.	1.4	14
2081	AIM2 Stimulation Impairs Reendothelialization and Promotes the Development of Atherosclerosis in Mice. Frontiers in Cardiovascular Medicine, 2020, 7, 582482.	1.1	14
2082	Implications of ABCC4–Mediated cAMP Efflux for CRC Migration. Cancers, 2020, 12, 3547.	1.7	12
2083	An image J plugin for the high throughput image analysis of in vitro scratch wound healing assays. PLoS ONE, 2020, 15, e0232565.	1.1	232
2084	Cholesterol and Mevalonate: Two Metabolites Involved in Breast Cancer Progression and Drug Resistance through the ERRα Pathway. Cells, 2020, 9, 1819.	1.8	34
2085	Calotropis - A multi-potential plant to humankind: Special focus on its wound healing efficacy. Biocatalysis and Agricultural Biotechnology, 2020, 28, 101725.	1.5	18
2086	Malignancy and tumorigenicity of melanoma B16 cells are not affected by silver and gold nanoparticles. Toxicology Mechanisms and Methods, 2020, 30, 635-645.	1.3	3

#	Article	IF	CITATIONS
2087	Histone Deacetylases Inhibit the Snail2-Mediated EMT During Metastasis of Hepatocellular Carcinoma Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 752.	1.8	18
2088	UDP-glucose 6-dehydrogenase knockout impairs migration and decreases in vivo metastatic ability of breast cancer cells. Cancer Letters, 2020, 492, 21-30.	3.2	24
2089	Comparative Analysis of the Development of Acquired Radioresistance in Canine and Human Mammary Cancer Cell Lines. Frontiers in Veterinary Science, 2020, 7, 439.	0.9	8
2090	microRNA-93-5p promotes hepatocellular carcinoma progression via a microRNA-93-5p/MAP3K2/c-Jun positive feedback circuit. Oncogene, 2020, 39, 5768-5781.	2.6	28
2091	A novel circRNA, circNUP98, a potential biomarker, acted as an oncogene via the miRâ€567/ PRDX3 axis in renal cell carcinoma. Journal of Cellular and Molecular Medicine, 2020, 24, 10177-10188.	1.6	28
2092	<p>Polyphenol-Conjugated Bimetallic Au@AgNPs for Improved Wound Healing</p> . International Journal of Nanomedicine, 2020, Volume 15, 4969-4990.	3.3	32
2093	Role of Mitochondrial Glycerol-3-Phosphate Dehydrogenase in Metabolic Adaptations of Prostate Cancer. Cells, 2020, 9, 1764.	1.8	18
2094	Intrinsically Bioactive Cryogels Based on Platelet Lysate Nanocomposites for Hemostasis Applications. Biomacromolecules, 2020, 21, 3678-3692.	2.6	25
2095	The use of patientâ€derived breast tissue explants to study macrophage polarization and the effects of environmental chemical exposure. Immunology and Cell Biology, 2020, 98, 883-896.	1.0	6
2096	Preliminary screening of the aqueous extracts of twenty-three different seaweed species in Sri Lanka with in-vitro and in-vivo assays. Heliyon, 2020, 6, e03918.	1.4	20
2097	Pharmacological Potential of Small Molecules for Treating Corneal Neovascularization. Molecules, 2020, 25, 3468.	1.7	16
2098	Pharmacokinetics and antiangiogenic studies of potassium koetjapate in rats. Biomedicine and Pharmacotherapy, 2020, 130, 110602.	2.5	3
2099	Biosynthesis and characterization of chitosan based hydrogel: A potential in vitro wound healing agent. Materials Today: Proceedings, 2022, 48, 263-275.	0.9	5
2100	Anti-Cancer Effect of 3-Hydroxy- $\hat{1}^2$ -Ionone Identified from Moringa oleifera Lam. Leaf on Human Squamous Cell Carcinoma 15 Cell Line. Molecules, 2020, 25, 3563.	1.7	15
2101	Calamusins J-K: new anti-angiogenic sesquiterpenes from <i>Sarcophyton glaucum</i> Product Research, 2021, 35, 5720-5731.	1.0	11
2102	Overcoming Limitations of Cisplatin Therapy by Additional Treatment With the HSP90 Inhibitor Onalespib. Frontiers in Oncology, 2020, 10, 532285.	1.3	23
2103	An EGF- and Curcumin-Co-Encapsulated Nanostructured Lipid Carrier Accelerates Chronic-Wound Healing in Diabetic Rats. Molecules, 2020, 25, 4610.	1.7	37
2104	Rosemary (Rosmarinus officinalis L.) extract inhibits prostate cancer cell proliferation and survival by targeting Akt and mTOR. Biomedicine and Pharmacotherapy, 2020, 131, 110717.	2.5	15

#	Article	IF	Citations
2105	Exosomes for Wound Healing: Purification Optimization and Identification of Bioactive Components. Advanced Science, 2020, 7, 2002596.	5.6	52
2106	Wound Healing Effects of Aloe muth-muth: In Vitro Investigations Using Immortalized Human Keratinocytes (HaCaT). Biology, 2020, 9, 350.	1.3	17
2107	<p>Thermosensitive Betulinic Acid-Loaded Magnetoliposomes: A Promising Antitumor Potential for Highly Aggressive Human Breast Adenocarcinoma Cells Under Hyperthermic Conditions</p> . International Journal of Nanomedicine, 2020, Volume 15, 8175-8200.	3.3	43
2108	Septin2 mediates podosome maturation and endothelial cell invasion associated with angiogenesis. Journal of Cell Biology, 2020, 219, .	2.3	10
2109	Evaluation of the In Vitro Oral Wound Healing Effects of Pomegranate (Punica granatum) Rind Extract and Punicalagin, in Combination with Zn (II). Biomolecules, 2020, 10, 1234.	1.8	30
2110	METTL3 regulates m6A in endometrioid epithelial ovarian cancer independently of METTl14 and WTAP. Cell Biology International, 2020, 44, 2524-2531.	1.4	50
2111	Repurposing Quinacrine for Treatment of Malignant Mesothelioma: In-Vitro Therapeutic and Mechanistic Evaluation. International Journal of Molecular Sciences, 2020, 21, 6306.	1.8	12
2112	Bio-inspired facile fabrication of silver nanoparticles from <i>in vitro</i> grown shoots of <i>Tamarix nilotica</i> : explication of its potential in impeding growth and biofilms of <i>Listeria monocytogenes</i> and assessment of wound healing ability. RSC Advances, 2020, 10, 30139-30149.	1.7	12
2113	TIGAR reduces smooth muscle cell autophagy to prevent pulmonary hypertension. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 319, H1087-H1096.	1.5	13
2114	CA9 Silencing Promotes Mitochondrial Biogenesis, Increases Putrescine Toxicity and Decreases Cell Motility to Suppress ccRCC Progression. International Journal of Molecular Sciences, 2020, 21, 5939.	1.8	8
2115	Tracking Single Cells Motility on Different Substrates. Methods and Protocols, 2020, 3, 56.	0.9	5
2116	Primary Human Derived Blood Outgrowth Endothelial Cells: An Appropriate In Vitro Model to Study Shiga Toxin Mediated Damage of Endothelial Cells. Toxins, 2020, 12, 483.	1.5	4
2117	DNA Polyplexes of a Phosphorylcholine-Based Zwitterionic Polymer for Gene Delivery. Pharmaceutical Research, 2020, 37, 176.	1.7	16
2118	Physical plasma therapy accelerates wound reâ€epithelialisation and enhances extracellular matrix formation in cutaneous skin grafts. Journal of Pathology, 2020, 252, 451-464.	2.1	18
2119	Melt Electrowritten In Vitro Radial Device to Study Cell Growth and Migration. Advanced Biology, 2020, 4, e2000077.	3.0	18
2120	Incorporation of Bioactive Glasses Containing Mg, Sr, and Zn in Electrospun PCL Fibers by Using Benign Solvents. Applied Sciences (Switzerland), 2020, 10, 5530.	1.3	20
2121	Carbon nanodot decorated acellular dermal matrix hydrogel augments chronic wound closure. Journal of Materials Chemistry B, 2020, 8, 9277-9294.	2.9	27
2122	Effects of Dual Purinoceptor-dependent Approach on Release of Vascular Endothelial Growth Factor From Human Microvascular Endothelial Cell (HMEC-1) and Endothelial Cell Condition. Journal of Cardiovascular Pharmacology, 2020, 76, 349-359.	0.8	2

#	Article	IF	CITATIONS
2123	The Novel Anti-cMet Antibody seeMet 12 Potentiates Sorafenib Therapy and Radiotherapy in a Colorectal Cancer Model. Frontiers in Oncology, 2020, 10, 1717.	1.3	4
2124	Synthesis and Characterization of Poly(RGD) Proteinoid Polymers and NIR Fluorescent Nanoparticles of Optimal <scp>d</scp> , <scp>l</scp> -Configuration for Drug-Delivery Applicationsâ€" <i>In Vitro</i> Study. ACS Omega, 2020, 5, 23568-23577.	1.6	6
2125	<p>Fatty Acid Synthase (FASN) siRNA-Encapsulated-Her-2 Targeted Fab'-Immunoliposomes for Gene Silencing in Breast Cancer Cells</p> . International Journal of Nanomedicine, 2020, Volume 15, 5575-5589.	3.3	17
2126	Potential pathophysiological role of microRNA 193b-5p in human placentae from pregnancies complicated by preeclampsia and intrauterine growth restriction. Molecular Biology Reports, 2020, 47, 6531-6544.	1.0	9
2127	Pseudomonas aeruginosa virulence proteins pseudolysin and protease IV impede cutaneous wound healing. Laboratory Investigation, 2020, 100, 1532-1550.	1.7	25
2128	Loss of the cystine/glutamate antiporter in melanoma abrogates tumor metastasis and markedly increases survival rates of mice. International Journal of Cancer, 2020, 147, 3224-3235.	2.3	39
2129	Chitosan/Polycyclodextrin (CHT/PCD)-Based Sponges Delivering VEGF to Enhance Angiogenesis for Bone Regeneration. Pharmaceutics, 2020, 12, 784.	2.0	11
2130	Syndecan-3 regulates MSC adhesion, ERK and AKT signalling in vitro and its deletion enhances MSC efficacy in a model of inflammatory arthritis in vivo. Scientific Reports, 2020, 10, 20487.	1.6	12
2131	<i>Pleurotus highking</i> mushrooms potentiate antiproliferative and antimigratory activity against triple-negative breast cancer cells by suppressing Akt signaling. Integrative Cancer Therapies, 2020, 19, 153473542096980.	0.8	12
2132	Hyperglycemia Decreases Epithelial Cell Proliferation and Attenuates Neutrophil Activity by Reducing ICAM-1 and LFA-1 Expression Levels. Frontiers in Genetics, 2020, 11, 616988.	1.1	2
2133	Reversal of Endothelial Extracellular Vesicle-Induced Smooth Muscle Phenotype Transition by Hypercholesterolemia Stimulation: Role of NLRP3 Inflammasome Activation. Frontiers in Cell and Developmental Biology, 2020, 8, 597423.	1.8	14
2134	The Collagen-Based Medical Device MD-Tissue Acts as a Mechanical Scaffold Influencing Morpho-Functional Properties of Cultured Human Tenocytes. Cells, 2020, 9, 2641.	1.8	6
2135	Modified Bacterial Cellulose Dressings to Treat Inflammatory Wounds. Nanomaterials, 2020, 10, 2508.	1.9	12
2136	Three-Dimensional Human Cell Culture Models to Study the Pathophysiology of the Anterior Eye. Pharmaceutics, 2020, 12, 1215.	2.0	8
2137	Inhibitory Monoclonal Antibodies and Their Recombinant Derivatives Targeting Surface-Exposed Carbonic Anhydrase XII on Cancer Cells. International Journal of Molecular Sciences, 2020, 21, 9411.	1.8	7
2138	Corneal Opacity Induced by Light in a Mouse Model of Gelatinous Drop-Like Corneal Dystrophy. American Journal of Pathology, 2020, 190, 2330-2342.	1.9	5
2139	HSATII RNA is induced via a noncanonical ATM-regulated DNA damage response pathway and promotes tumor cell proliferation and movement. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31891-31901.	3.3	19
2140	Inhibition of miR-490-5p Promotes Human Adipose-Derived Stem Cells Chondrogenesis and Protects Chondrocytes via the PITPNM1/PI3K/AKT Axis. Frontiers in Cell and Developmental Biology, 2020, 8, 573221.	1.8	19

#	Article	IF	Citations
2141	The Peripherin Gene Regulates the Migration of Bone Marrow Mesenchymal Stem Cells in Wuzhishan Mini Pigs. Stem Cells International, 2020, 2020, 1-8.	1.2	1
2142	A practical toolkit to study aspects of the metastatic cascade in vitro. Acta Histochemica, 2020, 122, 151654.	0.9	4
2143	The near-infrared fluorescent dye IR-780 was coupled with cabazitaxel for castration-resistant prostate cancer imaging and therapy. Investigational New Drugs, 2020, 38, 1641-1652.	1.2	3
2144	ADAMTS-15 Has a Tumor Suppressor Role in Prostate Cancer. Biomolecules, 2020, 10, 682.	1.8	22
2145	Nanostructured Architectures Promote the Mesenchymal–Epithelial Transition for Invasive Cells. ACS Nano, 2020, 14, 5324-5336.	7.3	17
2146	PEGylated Dendrimer Mediated Delivery of Bortezomib: Drug Conjugation versus Encapsulation. International Journal of Pharmaceutics, 2020, 584, 119389.	2.6	20
2147	Hair growth potential of <i>Salvia plebeia</i> extract and its associated mechanisms. Pharmaceutical Biology, 2020, 58, 400-409.	1.3	14
2148	Healing effects of natural latex serum 1% from Hevea brasiliensis in an experimental skin abrasion wound model. Anais Brasileiros De Dermatologia, 2020, 95, 418-427.	0.5	10
2149	IGF1R Axis Inhibition Restores Dendritic Cell Antitumor Response in Ovarian Cancer. Translational Oncology, 2020, 13, 100790.	1.7	14
2150	High Flexible and Broad Antibacterial Nanodressing Induces Complete Skin Repair with Angiogenic and Follicle Regeneration. Advanced Healthcare Materials, 2020, 9, e2000035.	3.9	45
2151	Breast Fibroblasts and ECM Components Modulate Breast Cancer Cell Migration through the Secretion of MMPs in a 3D Microfluidic Co-Culture Model. Cancers, 2020, 12, 1173.	1.7	56
2152	A primary neural cell culture model to study neuron, astrocyte, and microglia interactions in neuroinflammation. Journal of Neuroinflammation, 2020, 17, 155.	3.1	121
2153	Gedunin isolated from the mangrove plant Xylocarpus granatum exerts its anti-proliferative activity in ovarian cancer cells through G2/M-phase arrest and oxidative stress-mediated intrinsic apoptosis. Apoptosis: an International Journal on Programmed Cell Death, 2020, 25, 481-499.	2.2	19
2154	High-throughput cell migration assay under combinatorial chemical environments by a novel 24-well-plate based device. Biomedical Microdevices, 2020, 22, 40.	1.4	2
2155	Selective photodynamic effects on cervical cancer cells provided by P123 Pluronic®-based nanoparticles modulating hypericin delivery. Life Sciences, 2020, 255, 117858.	2.0	25
2156	Norway Spruce Balm: Phytochemical Composition and Ability to Enhance Re-epithelialization In Vitro. Planta Medica, 2020, 86, 1080-1088.	0.7	13
2157	MiADMSA ameliorate arsenic induced urinary bladder carcinogenesis in vivo and in vitro. Biomedicine and Pharmacotherapy, 2020, 128, 110257.	2.5	12
2158	3D-printed insert-array and 3D-coculture-array for high-throughput screening of cell migration and application to study molecular and cellular influences. Biomedical Materials (Bristol), 2020, 15, 055028.	1.7	1

#	Article	IF	CITATIONS
2159	NF-Đ ^o B inhibition by DHMEQ: in vitro antiproliferative effects on pilocytic astrocytoma and concise review of the current literature. Child's Nervous System, 2020, 36, 2675-2684.	0.6	3
2160	CD73 ⁺ extracellular vesicles inhibit angiogenesis through adenosine A _{2B} receptor signalling. Journal of Extracellular Vesicles, 2020, 9, 1757900.	5.5	31
2161	Development of dynamic cell and organotypic skin models, for the investigation of a novel visco-elastic burns treatment using molecular and cellular approaches. Burns, 2020, 46, 1585-1602.	1.1	3
2162	Glyphosate induces epithelial mesenchymal transition-related changes in human endometrial Ishikawa cells via estrogen receptor pathway. Molecular and Cellular Endocrinology, 2020, 510, 110841.	1.6	18
2163	$22\hat{l}^2$ -hydroxytingenone reduces proliferation and invasion of human melanoma cells. Toxicology in Vitro, 2020, 66, 104879.	1.1	4
2164	Endosome-triggered ion-releasing nanoparticles as therapeutics to enhance the angiogenic efficacy of human mesenchymal stem cells. Journal of Controlled Release, 2020, 324, 586-597.	4.8	18
2165	Development of pharmaceutically scalable inhaled anti-cancer nanotherapy – Repurposing amodiaquine for non-small cell lung cancer (NSCLC). Materials Science and Engineering C, 2020, 115, 111139.	3.8	28
2166	Tumor Cell Associated Hyaluronan-CD44 Signaling Promotes Pro-Tumor Inflammation in Breast Cancer. Cancers, 2020, 12, 1325.	1.7	21
2167	The Mincle/Syk/NF-κB Signaling Circuit Is Essential for Maintaining the Protumoral Activities of Tumor-Associated Macrophages. Cancer Immunology Research, 2020, 8, 1004-1017.	1.6	42
2168	Silencing of HIF- $1\hat{l}\pm$ /CD73 axis by siRNA-loaded TAT-chitosan-spion nanoparticles robustly blocks cancer cell progression. European Journal of Pharmacology, 2020, 882, 173235.	1.7	48
2169	Sex-specific differences in transcriptomic profiles and cellular characteristics of oligodendrocyte precursor cells. Stem Cell Research, 2020, 46, 101866.	0.3	31
2170	Oncogenic and Circadian Effects of Small Molecules Directly and Indirectly Targeting the Core Circadian Clock. Integrative Cancer Therapies, 2020, 19, 153473542092409.	0.8	9
2171	Functions of lactate in the brain of rat with intracerebral hemorrhage evaluated with MRI/MRS and in vitro approaches. CNS Neuroscience and Therapeutics, 2020, 26, 1031-1044.	1.9	20
2172	The triphenyltin carboxylate derivative triphenylstannyl 2-(benzylcarbamoyl)benzoate impedes prostate cancer progression via modulation of Akt/FOXO3a signaling. Toxicology and Applied Pharmacology, 2020, 401, 115091.	1.3	6
2173	Three-dimensional real time imaging of amyloid \hat{l}^2 aggregation on living cells. Scientific Reports, 2020, 10, 9742.	1.6	15
2174	Effect of Palmitic Acid on Exosome-Mediated Secretion and Invasive Motility in Prostate Cancer Cells. Molecules, 2020, 25, 2722.	1.7	10
2175	Senescent cholangiocytes release extracellular vesicles that alter target cell phenotype via the epidermal growth factor receptor. Liver International, 2020, 40, 2455-2468.	1.9	20
2176	Nanotechnology Based Repositioning of an Anti-Viral Drug for Non-Small Cell Lung Cancer (NSCLC). Pharmaceutical Research, 2020, 37, 123.	1.7	14

#	Article	IF	CITATIONS
2177	Extracellular Vesicles Induce Mesenchymal Transition and Therapeutic Resistance in Glioblastomas through NFâ€₽B/STAT3 Signaling. Advanced Biology, 2020, 4, 1900312.	3.0	15
2178	Effects of various doses of glutathione on the proliferation, viability, migration, and ultrastructure of cultured human melanocytes. Dermatologic Therapy, 2020, 33, e13312.	0.8	2
2179	Lily steroidal glycoalkaloid promotes early inflammatory resolution in wounded human fibroblasts. Journal of Ethnopharmacology, 2020, 258, 112766.	2.0	13
2180	Toll-Like Receptor 7 Stimulation Promotes the Development of Atherosclerosis in Apolipoprotein E-Deficient Mice. International Heart Journal, 2020, 61, 364-372.	0.5	8
2181	Gold nanoparticles biosynthesized by Nocardiopsis dassonvillei NCIM 5124 enhance osteogenesis in gingival mesenchymal stem cells. Applied Microbiology and Biotechnology, 2020, 104, 4081-4092.	1.7	14
2182	MBOAT7-driven phosphatidylinositol remodeling promotes the progression of clear cell renal carcinoma. Molecular Metabolism, 2020, 34, 136-145.	3.0	18
2183	Secretome of Senescent Adipose-Derived Mesenchymal Stem Cells Negatively Regulates Angiogenesis. International Journal of Molecular Sciences, 2020, 21, 1802.	1.8	46
2184	Endothelium-Targeted Deletion of microRNA-15a/16-1 Promotes Poststroke Angiogenesis and Improves Long-Term Neurological Recovery. Circulation Research, 2020, 126, 1040-1057.	2.0	75
2185	Identification and characterization of dihydropyrimidinase inhibited by plumbagin isolated from Nepenthes miranda extract. Biochimie, 2020, 171-172, 124-135.	1.3	24
2186	Quantifying the role of different surface coatings in experimental models of wound healing. Chemical Engineering Science, 2020, 220, 115609.	1.9	5
2187	Brominated diphenyl ether-47 differentially regulates cellular migration and invasion in a human first trimester trophoblast cell line. Reproductive Toxicology, 2020, 93, 191-198.	1.3	9
2188	Anticancer properties of the fatty acid synthase inhibitor TVB-3166 on oral squamous cell carcinoma cell lines. Archives of Oral Biology, 2020, 113, 104707.	0.8	18
2189	Antioxidant, antiproliferative and healing properties of araticum (Annona crassiflora Mart.) peel and seed. Food Research International, 2020, 133, 109168.	2.9	32
2190	Comparative Evaluation of the Effectiveness of Novel Hyaluronic Acid-Polynucleotide Complex Dermal Filler. Scientific Reports, 2020, 10, 5127.	1.6	12
2191	Downregulation of Lysosomal Acid Ceramidase Mediates HMGB1-Induced Migration and Proliferation of Mouse Coronary Arterial Myocytes. Frontiers in Cell and Developmental Biology, 2020, 8, 111.	1.8	11
2192	Chorioallantoic Membrane Assay as Model for Angiogenesis in Tissue Engineering: Focus on Stem Cells. Tissue Engineering - Part B: Reviews, 2020, 26, 519-539.	2.5	43
2193	Electrophoretic deposition of spherical carbon nanoobjectsâ€"A comparison of different biocompatible surfaces. Medical Devices & Sensors, 2020, 3, e10075.	2.7	2
2194	Epidermal Cells. Methods in Molecular Biology, 2020, , .	0.4	3

#	Article	IF	CITATIONS
2195	H ₂ S-Releasing Composite: a Gasotransmitter Platform for Potential Biomedical Applications. ACS Biomaterials Science and Engineering, 2020, 6, 2062-2071.	2.6	9
2196	Elastin is a key factor of tumor development in colorectal cancer. BMC Cancer, 2020, 20, 217.	1.1	35
2197	Systematic Development and Optimization of Inhalable Pirfenidone Liposomes for Non-Small Cell Lung Cancer Treatment. Pharmaceutics, 2020, 12, 206.	2.0	53
2198	Depigmented Centella asiatica Extraction by Pretreated with Supercritical Carbon Dioxide Fluid for Wound Healing Application. Processes, 2020, 8, 277.	1.3	15
2199	Silencing of p68 and STAT3 synergistically diminishes cancer progression. Life Sciences, 2020, 249, 117499.	2.0	31
2200	Insights into In Vitro Wound Closure on Two Biopolyesters—Polylactide and Polyhydroxyoctanoate. Materials, 2020, 13, 2793.	1.3	8
2201	Design and characterization of dual responsive mesoporous silica nanoparticles for breast cancer targeted therapy. European Journal of Pharmaceutical Sciences, 2020, 152, 105428.	1.9	35
2202	Natural bioactive 4-Hydroxyisophthalic acid (4-HIPA) exhibited antiproliferative potential by upregulating apoptotic markers in in vitro and in vivo cancer models. Molecular Biology Reports, 2020, 47, 5343-5353.	1.0	5
2203	<p>Selenium Nanoparticles Synthesized Using Pseudomonas stutzeri (MH191156) Show Antiproliferative and Anti-angiogenic Activity Against Cervical Cancer Cells</p> . International Journal of Nanomedicine, 2020, Volume 15, 4523-4540.	3.3	42
2204	<p>Inhibition of Migration, Invasion and Drug Resistance of Pancreatic Adenocarcinoma Cells – Role of Snail, Slug and Twist and Small Molecule Inhibitors</p> . OncoTargets and Therapy, 2020, Volume 13, 5763-5777.	1.0	11
2205	CD38 in cancer-associated fibroblasts promotes pro-tumoral activity. Laboratory Investigation, 2020, 100, 1517-1531.	1.7	24
2206	PLGF-1 contained in normal wound myofibroblast-derived microvesicles stimulated collagen production by dermal fibroblasts. Journal of Cell Communication and Signaling, 2020, 14, 427-438.	1.8	7
2207	Comparative study of prostate cancer biophysical and migratory characteristics via iterative mechanoelectrical properties (iMEP) and standard migration assays. Sensors and Actuators B: Chemical, 2020, 321, 128522.	4.0	4
2208	Low-Dose Ionizing Radiation Modulates Microglia Phenotypes in the Models of Alzheimer's Disease. International Journal of Molecular Sciences, 2020, 21, 4532.	1.8	35
2209	Effect of Aloe resin on cell migration between Scratch and Boyden chamber assays. Journal of Medicinal Plants Research, 2020, 14, 366-372.	0.2	2
2210	Antifibrotic role of low-dose mitomycin-c-induced cellular senescence in trabeculectomy models. PLoS ONE, 2020, 15, e0234706.	1.1	4
2211	Chitosan-Based Bioactive Glass Gauze: Microstructural Properties, In Vitro Bioactivity, and Biological Tests. Materials, 2020, 13, 2819.	1.3	20
2212	Human placental laminin: Role in neuronal differentiation, cell adhesion and proliferation. Journal of Biosciences, 2020, 45, 1 .	0.5	7

#	Article	IF	CITATIONS
2213	Selenium nanoparticles trigger alterations in ovarian cancer cell biomechanics. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 29, 102258.	1.7	22
2214	The role of endothelial autocrine NRG1/ERBB4 signaling in cardiac remodeling. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 319, H443-H455.	1.5	23
2215	Single cell migration profiling on a microenvironmentally tunable hydrogel microstructure device that enables stem cell potency evaluation. Lab on A Chip, 2020, 20, 958-972.	3.1	5
2216	Intracellular signaling dynamics and their role in coordinating tissue repair. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2020, 12, e1479.	6.6	34
2217	Inhibition of Hyaluronic Acid Synthesis Decreases Endometrial Cell Attachment, Migration, and Invasion. Reproductive Sciences, 2020, 27, 1058-1063.	1.1	5
2218	Phytosterol-loaded CD44 receptor-targeted PEGylated nano-hybrid phyto-liposomes for synergistic chemotherapy. Expert Opinion on Drug Delivery, 2020, 17, 423-434.	2.4	23
2219	Reproducible Derivation and Expansion of Corneal Mesenchymal Stromal Cells for Therapeutic Applications. Translational Vision Science and Technology, 2020, 9, 26.	1.1	15
2220	In vitro and in vivo evaluation of gentamicin sulphate-loaded PLGA nanoparticle-based film for the treatment of surgical site infection. Drug Delivery and Translational Research, 2020, 10, 1032-1043.	3.0	6
2221	Wounding triggers MIRO-1 dependent mitochondrial fragmentation that accelerates epidermal wound closure through oxidative signaling. Nature Communications, 2020, 11, 1050.	5.8	44
2222	Photobiomodulation therapy improves human dental pulp stem cell viability and migration in vitro associated to upregulation of histone acetylation. Lasers in Medical Science, 2020, 35, 741-749.	1.0	20
2223	Quercetin and indole-3-carbinol inhibit extracellular matrix expression in human primary uterine leiomyoma cells. Reproductive BioMedicine Online, 2020, 40, 593-602.	1.1	13
2224	Optimizing Human Epidermal Growth Factor for its Endurance and Specificity Via Directed Evolution: Functional Importance of Leucine at Position 8. International Journal of Peptide Research and Therapeutics, 2020, 26, 2571-2585.	0.9	0
2225	Examining Go-or-Grow Using Fluorescent Cell-Cycle Indicators and Cell-Cycle-Inhibiting Drugs. Biophysical Journal, 2020, 118, 1243-1247.	0.2	22
2226	Corneal neovascularization is inhibited with nucleolin-binding aptamer, AS1411. Experimental Eye Research, 2020, 193, 107977.	1.2	16
2227	Visualization and Quantification of 3D Tumor Cell Migration under Extracellular Stimulation. ACS Applied Bio Materials, 2020, 3, 1506-1513.	2.3	10
2228	Germacrone Inhibits Cell Proliferation and Induces Apoptosis in Human Esophageal Squamous Cell Carcinoma Cells. BioMed Research International, 2020, 2020, 1-13.	0.9	8
2229	MicroRNA-4516-mediated regulation of <i>MAPK10</i> relies on 3′ UTR <i>cis</i> -acting variants and contributes to the altered risk of Hirschsprung disease. Journal of Medical Genetics, 2020, 57, 634-642.	1.5	6
2230	Migration, Chemo-Attraction, and Co-Culture Assays for Human Stem Cell-Derived Endothelial Cells and GABAergic Neurons. Journal of Visualized Experiments, 2020, , .	0.2	2

#	Article	IF	CITATIONS
2231	Oxytocin induced epithelium-mesenchimal transition through Rho-ROCK pathway in ARPE-19 cells, a human retinal pigmental cell line. Tissue and Cell, 2020, 64, 101328.	1.0	7
2232	Gene expression in immortalized versus primary isolated cardiac endothelial cells. Scientific Reports, 2020, 10, 2241.	1.6	8
2233	Antioxidant and Wound Healing Property of Gelsolin in 3T3-L1 Cells. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-7.	1.9	16
2234	Cell Heterogeneity Revealed by On-Chip Angiogenic Endothelial Cell Migration. ACS Omega, 2020, 5, 3857-3862.	1.6	6
2235	Calcium titanate micro-sheets scaffold for improved cell viability and osteogenesis. Chemical Engineering Journal, 2020, 389, 124400.	6.6	27
2236	Therapeutic Contact Lens for Scavenging Excessive Reactive Oxygen Species on the Ocular Surface. ACS Nano, 2020, 14, 2483-2496.	7.3	68
2237	Control of cell migration by the novel protein phosphatase-2A interacting protein inka2. Cell and Tissue Research, 2020, 380, 527-537.	1.5	14
2238	Non-Cytotoxic Sulfated Heterorhamnan from Gayralia brasiliensis Green Seaweed Reduces Driver Features of Melanoma Metastatic Progression. Marine Biotechnology, 2020, 22, 194-206.	1.1	10
2239	Prospects of antibacterial bioactive glass nanofibers for wound healing: An in vitro study. International Journal of Applied Glass Science, 2020, 11, 320-328.	1.0	19
2240	Manganese oxide doped carbon dots for temperature-responsive biosensing and target bioimaging. Analytica Chimica Acta, 2020, 1104, 125-131.	2.6	22
2241	Green synthesis of silver nanoparticles from Curcuma longa L. and coating on the cotton fabrics for antimicrobial applications and wound healing activity. Journal of Photochemistry and Photobiology B: Biology, 2020, 204, 111806.	1.7	146
2242	GANT61 and curcumin-loaded PLGA nanoparticles for GLI1 and PI3K/Akt-mediated inhibition in breast adenocarcinoma. Nanotechnology, 2020, 31, 185102.	1.3	38
2243	Aqueous ethanol extract of Libidibia ferrea (Mart. Ex Tul) L.P. Queiroz (juca) exhibits antioxidant and migration-inhibiting activity in human gastric adenocarcinoma (ACPO2) cells. PLoS ONE, 2020, 15, e0226979.	1.1	10
2244	Simalikalactone D, a Potential Anticancer Compound from Simarouba tulae, an Endemic Plant of Puerto Rico. Plants, 2020, 9, 93.	1.6	3
2245	Macrophage Polarization Mediated by Chitooligosaccharide (COS) and Associated Osteogenic and Angiogenic Activities. ACS Biomaterials Science and Engineering, 2020, 6, 1614-1629.	2.6	31
2246	Identification of miR-210-5p in human placentae from pregnancies complicated by preeclampsia and intrauterine growth restriction, and its potential role in the pregnancy complications. Pregnancy Hypertension, 2020, 19, 159-168.	0.6	17
2247	Beneficial effects of genistein in suppression of proliferation, inhibition of metastasis, and induction of apoptosis in PC3 prostate cancer cells. Archives of Physiology and Biochemistry, 2020, , 1-9.	1.0	29
2248	Downregulation of uPAR promotes urokinase translocation into the nucleus and epithelial to mesenchymal transition in neuroblastoma. Journal of Cellular Physiology, 2020, 235, 6268-6286.	2.0	26

#	Article	IF	CITATIONS
2249	Multiple Targets Directed Multiple Ligands: An In Silico and In Vitro Approach to Evaluating the Effect of Triphala on Angiogenesis. Biomolecules, 2020, 10, 177.	1.8	10
2250	Effect of a coronary-heart-disease-associated variant of ADAMTS7 on endothelial cell angiogenesis. Atherosclerosis, 2020, 296, 11-17.	0.4	6
2251	Oncogenic Gain of Function in Glioblastoma Is Linked to Mutant p53 Amyloid Oligomers. IScience, 2020, 23, 100820.	1.9	45
2252	LiCl Containing Thermosensitive Formulation Improves Hemostasis, Wound Healing, and Hair Regrowth. Regenerative Engineering and Translational Medicine, 2021, 7, 362-378.	1.6	5
2253	Photoprotective effect of nanomelanin-seaweed concentrate in formulated cosmetic cream: With improved antioxidant and wound healing properties. Journal of Photochemistry and Photobiology B: Biology, 2020, 205, 111816.	1.7	30
2254	miRâ€145 inhibits the proliferation and migration of vascular smooth muscle cells by regulating autophagy. Journal of Cellular and Molecular Medicine, 2020, 24, 6658-6669.	1.6	19
2255	Human-like collagen promotes the healing of acetic acid-induced gastric ulcers in rats by regulating NOS and growth factors. Food and Function, 2020, 11, 4123-4137.	2.1	18
2256	Identifying density-dependent interactions in collective cell behaviour. Journal of the Royal Society Interface, 2020, 17, 20200143.	1.5	16
2257	Human pluripotent stem cell-derived cardiac stromal cells and their applications in regenerative medicine. Stem Cell Research, 2020, 45, 101831.	0.3	6
2258	Rinsing with L-Ascorbic Acid Exhibits Concentration-Dependent Effects on Human Gingival Fibroblast In Vitro Wound Healing Behavior. International Journal of Dentistry, 2020, 2020, 1-7.	0.5	12
2259	A novel exopolysaccharide from marine bacterium Pantoea sp. YU16-S3 accelerates cutaneous wound healing through Wnt/ \hat{l}^2 -catenin pathway. Carbohydrate Polymers, 2020, 238, 116191.	5.1	42
2260	Maggot excretions/secretions promote diabetic wound angiogenesis via miR18a/19a – TSP-1 axis. Diabetes Research and Clinical Practice, 2020, 165, 108140.	1.1	19
2261	InÂvitro characteristics of human periodontal ligament stem cells incubated with boric acid. Journal of Oral Biosciences, 2020, 62, 155-161.	0.8	3
2262	Cellular regeneration and proliferation on polymeric 3D inverse-space substrates and the effect of doxorubicin. Nanoscale Advances, 2020, 2, 2315-2325.	2.2	3
2263	Manuka honey and bioactive glass impart methylcellulose foams with antibacterial effects for wound-healing applications. Biomedical Materials (Bristol), 2020, 15, 065002.	1.7	23
2264	A Circulating MicroRNA Profile in a Laser-Induced Mouse Model of Choroidal Neovascularization. International Journal of Molecular Sciences, 2020, 21, 2689.	1.8	8
2265	Wound Healing Activity of the Essential Oil of Bursera morelensis, in Mice. Molecules, 2020, 25, 1795.	1.7	19
2266	Julbernardia paniculata and Pterocarpus angolensis: From Ethnobotanical Surveys to Phytochemical Characterization and Bioactivities Evaluation. Molecules, 2020, 25, 1828.	1.7	16

#	Article	IF	CITATIONS
2267	The Synergistic Antitumor Effect of 5-Fluorouracil Combined with Allicin against Lung and Colorectal Carcinoma Cells. Molecules, 2020, 25, 1947.	1.7	30
2268	Design, Implementation, and Validation of a Piezoelectric Device to Study the Effects of Dynamic Mechanical Stimulation on Cell Proliferation, Migration and Morphology. Sensors, 2020, 20, 2155.	2.1	6
2269	Metformin Decreases Hyaluronan Synthesis by Vascular Smooth Muscle Cells. Journal of Investigative Medicine, 2020, 68, 383-391.	0.7	11
2270	Neurotrophins BDNF and NT4/5 accelerate dental pulp stem cell migration. Biomedical Journal, 2021, 44, 363-368.	1.4	5
2271	Preparation and characterization of chitosan/pectin/ZnO porous films for wound healing. International Journal of Biological Macromolecules, 2020, 157, 135-145.	3.6	113
2272	Complement activation at the interface of wound dressings and blood does not influence keratinocyte migration/proliferation in vitro. Wound Repair and Regeneration, 2020, 28, 573-575.	1.5	3
2273	In Vitro Wound Healing Potential of Flavonoid C-Glycosides from Oil Palm (Elaeis guineensis Jacq.) Leaves on 3T3 Fibroblast Cells. Antioxidants, 2020, 9, 326.	2.2	22
2274	Natural remedies and functional foods as angiogenesis modulators. , 2020, , 1-31.		3
2275	Potential use of ellagic acid for endometriosis treatment: its effect on a human endometrial cell cycle, adhesion and migration. Food and Function, 2020, 11, 4605-4614.	2.1	5
2276	Hydrogen improves cell viability partly through inhibition of autophagy and activation of PI3K/Akt/GSK3 \hat{l}^2 signal pathway in a microvascular endothelial cell model of traumatic brain injury. Neurological Research, 2020, 42, 487-496.	0.6	22
2277	Ceramide launches an acute antiâ€adhesion proâ€migration cell signaling program in response to chemotherapy. FASEB Journal, 2020, 34, 7610-7630.	0.2	27
2278	Neutrophil extracellular traps mediate the crosstalk between glioma progression and the tumor microenvironment <i>via</i> the HMGB1/RAGE/IL-8 axis. Cancer Biology and Medicine, 2020, 17, 154-168.	1.4	138
2279	Combination of an allogenic and a xenogenic bone substitute material with injectable platelet-rich fibrin – A comparative in vitro study. Journal of Biomaterials Applications, 2020, 35, 83-96.	1.2	35
2280	Transcriptomic and Functional Screens Reveal MicroRNAs That Modulate Prostate Cancer Metastasis. Frontiers in Oncology, 2020, 10, 292.	1.3	6
2281	Evaluation of the In Vitro Wound-Healing Activity and Phytochemical Characterization of Propolis and Honey. Applied Sciences (Switzerland), 2020, 10, 1845.	1.3	16
2282	Impact of Type 2 Diabetes Mellitus on Human Bone Marrow Stromal Cell Number and Phenotypic Characteristics. International Journal of Molecular Sciences, 2020, 21, 2476.	1.8	27
2283	Nanomaterials combination for wound healing and skin regeneration., 2020,, 159-217.		3
2284	Chitosan/collagen composite films as wound dressings encapsulating allantoin and lidocaine hydrochloride. International Journal of Polymeric Materials and Polymeric Biomaterials, 2021, 70, 623-635.	1.8	34

#	Article	IF	CITATIONS
2285	Effect of photobiomodulation on cellular migration and survival in diabetic and hypoxic diabetic wounded fibroblast cells. Lasers in Medical Science, 2021, 36, 365-374.	1.0	8
2286	Laser and LED photobiomodulation effects in osteogenic or regular medium on rat calvaria osteoblasts obtained by newly forming bone technique. Lasers in Medical Science, 2021, 36, 541-553.	1.0	12
2287	Effects of green light photobiomodulation on Dental Pulp Stem Cells: enhanced proliferation and improved wound healing by cytoskeleton reorganization and cell softening. Lasers in Medical Science, 2021, 36, 437-445.	1.0	7
2288	Heat-treated human platelet pellet lysate modulates microglia activation, favors wound healing and promotes neuronal differentiation in vitro. Platelets, 2021, 32, 226-237.	1.1	17
2290	Biomimetic activity of soluble, well-defined, aqueous Ti(IV)-citrate species toward adipogenesis. An in vitro study. Journal of Inorganic Biochemistry, 2021, 214, 111290.	1.5	7
2291	Normal vitreous promotes angiogenesis via activation of Axl. FASEB Journal, 2021, 35, e21152.	0.2	6
2292	Hydroxyapatite–Bovine Serum Albumin–Paclitaxel Nanoparticles for Locoregional Treatment of Osteosarcoma. Advanced Healthcare Materials, 2021, 10, e2000573.	3.9	16
2293	Echinococcus granulosus protoscoleces promotes proliferation and invasion of hepatocellular carcinoma cells. Cytotechnology, 2021, 73, 13-22.	0.7	5
2294	ConBr lectin modulates MAPKs and Akt pathways and triggers autophagic glioma cell death by a mechanism dependent upon caspase-8 activation. Biochimie, 2021, 180, 186-204.	1.3	14
2295	In vitro antibacterial activity of extracts from Samoan medicinal plants and their effect on proliferation and migration of human fibroblasts. Journal of Ethnopharmacology, 2021, 264, 113220.	2.0	14
2296	Melanocyte Precursors in the Hair Follicle Bulge of Repigmented Vitiligo Skin Are Controlled by RHO-GTPase, KCTD10, and CTNNB1 Signaling. Journal of Investigative Dermatology, 2021, 141, 638-647.e13.	0.3	7
2298	Microfabricated Gaps Reveal the Effect of Geometrical Control in Wound Healing. Advanced Healthcare Materials, 2021, 10, 2000630.	3.9	10
2299	Chemistry, oxidative stability and bioactivity of oil extracted from Rosa rugosa (Thunb.) seeds by supercritical carbon dioxide. Food Chemistry, 2021, 335, 127649.	4.2	17
2300	Cenostigma macrophyllum Tul. var. acuminata Teles Freire Fraction Leaves Stimulate Gastric Healing in Rats and Human Cell Cultures. Journal of Medicinal Food, 2021, 24, 248-257.	0.8	0
2301	Production of a novel poly(É›â€caprolactone)â€methylcellulose electrospun wound dressing by incorporating bioactive glass and Manuka honey. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 180-192.	1.6	37
2302	A novel "hot spring―mimetic hydrogel with excellent angiogenic properties for chronic wound healing. Biomaterials, 2021, 264, 120414.	5.7	186
2303	Growth factor loaded in situ photocrosslinkable poly(3-hydroxybutyrate-co-3-hydroxyvalerate)/gelatin methacryloyl hybrid patch for diabetic wound healing. Materials Science and Engineering C, 2021, 118, 111519.	3.8	94
2304	Anti-inflammatory, analgesic andÂin vivo-in vitroÂwound healing potential of theÂPhlomis rigidaÂLabill. extract. Journal of Ethnopharmacology, 2021, 266, 113408.	2.0	27

#	Article	IF	CITATIONS
2305	Alterations in chemokine receptor CCR5 activity influence tumor cell biology in human cholangiocarcinoma cell lines. Annals of Hepatology, 2021, 21, 100265.	0.6	1
2306	Development of an Enhanced-Throughput Radial Cell Migration Device. SLAS Technology, 2021, 26, 200-208.	1.0	0
2307	PAR2 induces ovarian cancer cell motility by merging three signalling pathways to transactivate EGFR. British Journal of Pharmacology, 2021, 178, 913-932.	2.7	21
2308	Propionate Enhances Cell Speed and Persistence to Promote Intestinal Epithelial Turnover and Repair. Cellular and Molecular Gastroenterology and Hepatology, 2021, 11, 1023-1044.	2.3	40
2309	A comprehensive library of human transcription factors for cell fate engineering. Nature Biotechnology, 2021, 39, 510-519.	9.4	110
2310	Sphingosine-1-phosphate induces migration of microglial cells via activation of volume-sensitive anion channels, ATP secretion and activation of purinergic receptors. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118915.	1.9	13
2311	Self-assembled nanosheets on NiTi alloy facilitate endothelial cell function and manipulate macrophage immune response. Journal of Materials Science and Technology, 2021, 78, 110-120.	5.6	12
2312	Fabrication of nanofibrous membrane using stingless bee honey and curcumin for wound healing applications. Journal of Drug Delivery Science and Technology, 2021, 63, 102271.	1.4	12
2313	The effects of photobiomodulation on human dermal fibroblasts in vitro: A systematic review. Journal of Photochemistry and Photobiology B: Biology, 2021, 214, 112100.	1.7	19
2314	Design and characterization of a recombinant immunotoxin for targeted therapy of breast cancer cells: In vitro and in silico analyses. Life Sciences, 2021, 265, 118866.	2.0	2
2315	Cyclin G2 upregulation impairs migration, invasion, and network formation through RNF123/Dvl2/JNK signaling in the trophoblast cell line HTR8/SVneo, a possible role in preeclampsia. FASEB Journal, 2021, 35, e21169.	0.2	4
2316	Hedgehog signaling promotes endoneurial fibroblast migration and Vegf-A expression following facial nerve injury. Brain Research, 2021, 1751, 147204.	1.1	5
2317	CRISPR/Cas9â€mediated genome editing of <i>Schistosoma mansoni</i> acetylcholinesterase. FASEB Journal, 2021, 35, e21205.	0.2	21
2318	Comparative analysis of the light parameters of red and nearâ€infrared diode lasers to induce photobiomodulation on fibroblasts and keratinocytes: An in vitro study. Photodermatology Photoimmunology and Photomedicine, 2021, 37, 253-262.	0.7	15
2319	Ectopic expression of 35ÂkDa and knocking down of 78ÂkDa SG2NAs induce cytoskeletal reorganization, alter membrane sialylation, and modulate the markers of EMT. Molecular and Cellular Biochemistry, 2021, 476, 633-648.	1.4	2
2320	Chitosan/PEGDA based scaffolds as bioinspired materials to control in vitro angiogenesis. Materials Science and Engineering C, 2021, 118, 111420.	3.8	14
2321	A novel system for dynamic stretching of cell cultures reveals the mechanobiology for delivering better negative pressure wound therapy. Biomechanics and Modeling in Mechanobiology, 2021, 20, 193-204.	1.4	6
2322	Sustained delivery of vascular endothelial growth factor from mesoporous calciumâ€deficient hydroxyapatite microparticles promotes in vitro angiogenesis and osteogenesis. Journal of Biomedical Materials Research - Part A, 2021, 109, 1080-1087.	2.1	13

#	Article	IF	CITATIONS
2323	Beneficial Effects of Hypercapnic Acidosis on the Inhibition of Transforming Growth Factor \hat{l}^2 -1-induced Corneal Fibrosis <i>iin Vitro</i> iii). Current Eye Research, 2021, 46, 648-656.	0.7	3
2324	Exosome-mediated RNAi of PAK4 prolongs survival of pancreatic cancer mouse model after loco-regional treatment. Biomaterials, 2021, 264, 120369.	5.7	44
2325	The Anticancer Properties of Artemisia aucheri Boiss Extract on HT29 Colon Cancer Cells. Journal of Gastrointestinal Cancer, 2021, 52, 113-119.	0.6	9
2326	Common techniques and methods for screening of natural products for developing of anticancer drugs., 2021,, 323-353.		5
2327	Experimental Wound-Care Models: In Vitro/In Vivo Models and Recent Advances Based on Skin-on-a-Chip Models., 2021,, 459-486.		0
2328	Wound Healing Assay for Melanoma Cell Migration. Methods in Molecular Biology, 2021, 2265, 65-71.	0.4	19
2329	Cytotoxicity of glucoevatromonoside alone and in combination with chemotherapy drugs and their effects on Na+,K+-ATPase and ion channels on lung cancer cells. Molecular and Cellular Biochemistry, 2021, 476, 1825-1848.	1.4	3
2330	Non pharmacological high-intensity ultrasound treatment of human dermal fibroblasts to accelerate wound healing. Scientific Reports, 2021, 11, 2465.	1.6	5
2331	Super resolution microscopy reveals DHA-dependent alterations in glioblastoma membrane remodelling and cell migration. Nanoscale, 2021, 13, 9706-9722.	2.8	9
2332	An Image-based Dynamic High-throughput Analysis of Adherent Cell Migration. Bio-protocol, 2021, 11, .	0.2	1
2333	Antioxidant and Cytoprotective Potential of the Essential Oil Pistacia lentiscus var. chia and Its Major Components Myrcene and \hat{l}_{\pm} -Pinene. Antioxidants, 2021, 10, 127.	2.2	28
2334	Selfâ€Assembly and Mechanical Properties of Engineered Protein Based Multifunctional Nanofiber for Accelerated Wound Healing. Advanced Healthcare Materials, 2021, 10, e2001832.	3.9	17
2335	The pH-triggered drug release and simultaneous carrier decomposition of effervescent SiO ₂ â€"drugâ€"Na ₂ CO ₃ composite nanoparticles: to improve the antitumor activity of hydrophobic drugs. RSC Advances, 2021, 11, 5335-5347.	1.7	3
2336	In vitro fibroblast cells culture from Pelung chicken embryo and its potential application. IOP Conference Series: Earth and Environmental Science, 0, 637, 012007.	0.2	0
2337	Enhancement of Wound Healing Efficacy by Increasing the Stability and Skinâ€Penetrating Property of bFGF Using 30Kc19αâ€Based Fusion Protein. Advanced Biology, 2021, 5, e2000176.	1.4	5
2338	Creating wounds in cell monolayers using micro-jets. Biomicrofluidics, 2021, 15, 014108.	1.2	4
2339	Nanosurfacing Ti alloy by weak alkalinity-activated solid-state dewetting (AAD) and its biointerfacial enhancement effect. Materials Horizons, 2021, 8, 912-924.	6.4	7
2340	Extracellular ATP Mediates Cancer Cell Migration and Invasion Through Increased Expression of Cyclooxygenase 2. Frontiers in Pharmacology, 2020, 11, 617211.	1.6	20

#	Article	IF	CITATIONS
2341	Evaluation of Real Time Cell Proliferation, Anti-Inflammatory and Wound Healing Potential of Helenalin on HaCaT Keratinocytes Treated with Lipopolysaccharide Stimulated Monocytes. , 0, , .		2
2343	Magnesium ions regulate mesenchymal stem cells population and osteogenic differentiation: A fuzzy agent-based modeling approach. Computational and Structural Biotechnology Journal, 2021, 19, 4110-4122.	1.9	12
2344	MiR-182 inhibits proliferation, migration, invasion and inflammation of endometrial stromal cells through deactivation of NF- 12 B signaling pathway in endometriosis. Molecular and Cellular Biochemistry, 2021, 476, 1575-1588.	1.4	17
2345	<i>Cis,cis,trans</i> -[Pt ^{IV} Cl ₂ (NH ₃) ₂ (perillato) ₂], a dual-action prodrug with excellent cytotoxic and antimetastatic activity. Dalton Transactions, 2021, 50, 3161-3177.	1.6	8
2346	Assays and protocols for the detection of cancer metastasis. , 2021, , 69-86.		0
2347	A Safe GDNF and GDNF/BDNF Controlled Delivery System Improves Migration in Human Retinal Pigment Epithelial Cells and Survival in Retinal Ganglion Cells: Potential Usefulness in Degenerative Retinal Pathologies. Pharmaceuticals, 2021, 14, 50.	1.7	9
2348	Restraint of Human Skin Fibroblast Motility, Migration, and Cell Surface Actin Dynamics, by Pannexin 1 and P2X7 Receptor Signaling. International Journal of Molecular Sciences, 2021, 22, 1069.	1.8	10
2349	Drug Permeability and Transporter Assessment: Polarized Cell Lines. , 2021, , 1-13.		1
2350	Metformin exerts anti-cancerogenic effects and reverses epithelial-to-mesenchymal transition trait in primary human intrahepatic cholangiocarcinoma cells. Scientific Reports, 2021, 11, 2557.	1.6	16
2352	Inhibitory Effect of the LY2109761 on the Development of Human Keloid Fibroblasts. Analytical Cellular Pathology, 2021, 2021, 1-8.	0.7	O
2353	Assessment of the effects of exposure to extremely low-frequency magnetic fields on MDCK epithelial cell lines under a controlled environment. Journal of Radiation Research, 2021, 62, 259-268.	0.8	1
2354	Regulation of miR-186-YY1 axis by the p53 translational isoform â^†40p53: implications in cell proliferation. Cell Cycle, 2021, 20, 561-574.	1.3	4
2355	Mealworm Oil (MWO) Enhances Wound Healing Potential through the Activation of Fibroblast and Endothelial Cells. Molecules, 2021, 26, 779.	1.7	8
2356	Monocarboxylate transporter 1 promotes proliferation and invasion of renal cancer cells by mediating acetate transport. Cell Biology International, 2021, 45, 1278-1287.	1.4	5
2357	Ameliorating Fibrotic Phenotypes of Keloid Dermal Fibroblasts through an Epidermal Growth Factor-Mediated Extracellular Matrix Remodeling. International Journal of Molecular Sciences, 2021, 22, 2198.	1.8	4
2358	Increase of aerobic glycolysis mediated by activated T helper cells drives synovial fibroblasts towards an inflammatory phenotype: new targets for therapy?. Arthritis Research and Therapy, 2021, 23, 56.	1.6	23
2359	In Vitro Suppression of T Cell Proliferation Is a Conserved Function of Primary and Immortalized Human Cancer-Associated Fibroblasts. International Journal of Molecular Sciences, 2021, 22, 1827.	1.8	11
2360	The doxorubicinâ€induced cell motility network is under the control of the ceramideâ€activated protein phosphatase 1 alpha. FASEB Journal, 2021, 35, e21396.	0.2	6

#	Article	IF	CITATIONS
2361	Formulation of a reactive oxygen producing calcium sulphate cement as an anti-bacterial hard tissue scaffold. Scientific Reports, 2021, 11, 4491.	1.6	3
2362	Initial Identification of UDP-Glucose Dehydrogenase as a Prognostic Marker in Breast Cancer Patients, Which Facilitates Epirubicin Resistance and Regulates Hyaluronan Synthesis in MDA-MB-231 Cells. Biomolecules, 2021, 11, 246.	1.8	21
2363	Quantum dots as targeted doxorubicin drug delivery nanosystems in human lung cancer cells. Cancer Nanotechnology, 2021, 12, .	1.9	33
2364	Potassium Channels Kv1.3 and Kir2.1 But Not Kv1.5 Contribute to BV2 Cell Line and Primary Microglial Migration. International Journal of Molecular Sciences, 2021, 22, 2081.	1.8	11
2365	Assessment of cytotoxicity and antioxidant properties of berry leaves as by-products with potential application in cosmetic and pharmaceutical products. Scientific Reports, 2021, 11, 3240.	1.6	38
2366	Discovery of anti-cell migration activity of an anti-HIV heterocyclic compound by identification of its binding protein hnRNP M. Bioorganic Chemistry, 2021, 107, 104627.	2.0	9
2367	Indoxyl sulfate impairs angiogenesis via chronic aryl hydrocarbon receptor activation. American Journal of Physiology - Cell Physiology, 2021, 320, C240-C249.	2.1	18
2368	Benefits of Stryphnodendron adstringens when associated with hydrogel on wound healing in diabetic rats. Clinical Phytoscience, 2021, 7, .	0.8	2
2369	2-acetylphenothiazine protects L929 fibroblasts against UVB-induced oxidative damage. Journal of Photochemistry and Photobiology B: Biology, 2021, 216, 112130.	1.7	8
2370	Lâ€lactate promotes intestinal epithelial cell migration to inhibit colitis. FASEB Journal, 2021, 35, e21554.	0.2	6
2371	Multimodal treatment combining cold atmospheric plasma and acidic fibroblast growth factor for multiâ€tissue regeneration. FASEB Journal, 2021, 35, e21442.	0.2	8
2372	Accessible dynamic micropatterns in monolayer cultures via modified desktop xurography. Biofabrication, 2021, 13, 025003.	3.7	0
2373	ROS-Mediated Necrosis by Glycolipid Biosurfactants on Lung, Breast, and Skin Melanoma Cells. Frontiers in Oncology, 2021, 11, 622470.	1.3	12
2374	Albendazole exerts antiproliferative effects on prostate cancer cells by inducing reactive oxygen species generation. Oncology Letters, 2021, 21, 395.	0.8	17
2375	<i>In Vitro</i> Wound Healing Effect of Asiaticoside Extracted from <i>Centella asiatica</i> ( Pegaga') on Human Gingival Fibroblast Cell Line. Materials Science Forum, 0, 1025, 224-229.	0.3	0
2376	Efficient Stable Cell Line Generation of Survivin as an In Vitro Model for Specific Functional Analysis in Apoptosis and Drug Screening. Molecular Biotechnology, 2021, 63, 515-524.	1.3	7
2377	Reconstituting the dynamics of endothelial cells and fibroblasts in wound closure. APL Bioengineering, 2021, 5, 016102.	3.3	20
2378	Hair Growth Promotion Effect of Nelumbinis Semen Extract with High Antioxidant Activity. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-11.	0.5	6

#	Article	IF	CITATIONS
2379	Cytocompatibility Properties of an Herbal Compound Solution Support In vitro Wound Healing. Frontiers in Physiology, 2021, 12, 653661.	1.3	3
2380	Cytotoxic Effect of Bromelain on HepG2 Hepatocellular Carcinoma Cell Line. Applied Biochemistry and Biotechnology, 2021, 193, 1873-1897.	1.4	10
2381	Repurposing of Pirfenidone (Anti-Pulmonary Fibrosis Drug) for Treatment of Rheumatoid Arthritis. Frontiers in Pharmacology, 2021, 12, 631891.	1.6	18
2382	Biological characteristics and metabolic profile of canine mesenchymal stem cells isolated from adipose tissue and umbilical cord matrix. PLoS ONE, 2021, 16, e0247567.	1.1	7
2383	Effectiveness of Ginseng Berry Marc Extract for Skin Improvement. Asian Journal of Beauty and Cosmetology, 2021, 19, 121-128.	0.2	0
2384	A preliminary study of the cytotoxicity of the protein extract of abajer \tilde{A}^{o} commercialized in markets. Revista Fitos, 2021, 15, 11-21.	0.0	0
2385	The C. elegans homolog of human panic-disorder risk gene TMEM132D orchestrates neuronal morphogenesis through the WAVE-regulatory complex. Molecular Brain, 2021, 14, 54.	1.3	9
2387	Collective migration during a gap closure in a two-dimensional haptotactic model. Scientific Reports, 2021, 11, 5811.	1.6	3
2388	pH-responsive delivery of anti-metastatic niclosamide using mussel inspired polydopamine nanoparticles. International Journal of Pharmaceutics, 2021, 597, 120278.	2.6	7
2389	TGFÎ ² 2 and TGFÎ ² 3 mediate appropriate context-dependent phenotype of rat valvular interstitial cells. IScience, 2021, 24, 102133.	1.9	4
2390	Lowâ€dose photodynamic therapy effect on closure of scratch wounds of normal and diabetic fibroblast cells: An in vitro study. Journal of Biophotonics, 2021, 14, e202100005.	1,1	10
2391	Investigation of Physiological Effects Induced by Dehydroepiandrosterone in Human Endothelial Cells and Ovarian Cancer Cell Line. Turkish Journal of Pharmaceutical Sciences, 2021, 18, 185-191.	0.6	2
2392	Identification and characterization of R2TP in the development of oral squamous cell carcinoma. Biochemical and Biophysical Research Communications, 2021, 548, 161-166.	1.0	4
2393	Methanolic Fenugreek Seed Extract Induces p53-Dependent Mitotic Catastrophe in Breast Cancer Cells, Leading to Apoptosis. Journal of Inflammation Research, 2021, Volume 14, 1511-1535.	1.6	10
2394	A novel class of inhibitors that target SRSF10 and promote p53-mediated cytotoxicity on human colorectal cancer cells. NAR Cancer, 2021, 3, zcab019.	1.6	17
2396	Cold Plasma Treatment Promotes Full-thickness Healing of Skin Wounds in Murine Models. International Journal of Lower Extremity Wounds, 2023, 22, 77-84.	0.6	9
2397	Bayesian analysis of coupled cellular and nuclear trajectories for cell migration. Biometrics, 2022, 78, 1209-1220.	0.8	1
2398	Perillyl alcohol for pediatric TP53- and RAS-mutated SHH-medulloblastoma: an in vitro and in vivo translational pre-clinical study. Child's Nervous System, 2021, 37, 2163-2175.	0.6	O

#	Article	IF	CITATIONS
2400	Treating MCF7 breast cancer cell with proteasome inhibitor Bortezomib restores apoptotic factors and sensitizes cell to Docetaxel. Medical Oncology, 2021, 38, 64.	1.2	14
2401	Accelerated wound closure: Systematic evaluation of cellulose acetate effects on biologically active molecules release from amniotic fluid stem cells. Biotechnology and Applied Biochemistry, 2022, 69, 906-919.	1.4	6
2402	Anticancer activity of taraxerol acetate in human glioblastoma cells and a mouse xenograft model via induction of autophagy and apoptotic cell death, cell cycle arrest and inhibition of cell migration. Molecular Medicine Reports, 2021, 23, .	1.1	7
2403	Titanium dioxide nanotubes conjugated with quercetin function as an effective anticancer agent by inducing apoptosis in melanoma cells. Journal of Nanostructure in Chemistry, 2021, 11, 721-734.	5.3	19
2404	<i>In Vitro</i> Physiological Effects of Betahistine on Cell Lines of Various Origins. Turkish Journal of Pharmaceutical Sciences, 2021, 18, 140-145.	0.6	0
2405	Tuftelin 1 (TUFT1) Promotes the Proliferation and Migration of Renal Cell Carcinoma via PI3K/AKT Signaling Pathway. Pathology and Oncology Research, 2021, 27, 640936.	0.9	12
2406	Cannabinoids pharmacological effects are beyond the palliative effects: CB2 cannabinoid receptor agonist induced cytotoxicity and apoptosis in human colorectal cancer cells (HT-29). Molecular and Cellular Biochemistry, 2021, 476, 3285-3301.	1.4	9
2407	BLBP Is Both a Marker for Poor Prognosis and a Potential Therapeutic Target in Paediatric Ependymoma. Cancers, 2021, 13, 2100.	1.7	5
2408	2D Gadolinium Oxide Nanoplates as <i>T</i> ₁ Magnetic Resonance Imaging Contrast Agents. Advanced Healthcare Materials, 2021, 10, e2001780.	3.9	17
2409	Effects of Nervilia fordii Extract on Pulmonary Fibrosis Through TGF-Î ² /Smad Signaling Pathway. Frontiers in Pharmacology, 2021, 12, 659627.	1.6	18
2410	Knockout of the <i>NONO</i> Gene Inhibits Neointima Formation in a Mouse Model of Vascular Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1428-1445.	1.1	4
2411	A Novel Method for Effective Cell Segmentation and Tracking in Phase Contrast Microscopic Images. Sensors, 2021, 21, 3516.	2.1	5
2412	Cell Biological Responses after Shiga Toxin-1 Exposure to Primary Human Glomerular Microvascular Endothelial Cells from Pediatric and Adult Origin. International Journal of Molecular Sciences, 2021, 22, 5615.	1.8	2
2413	In vitro chemotherapeutic and antiangiogenic properties of cardenolides from Acokanthera oblongifolia (Hochst.) Codd. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2021, 76, 337-346.	0.6	1
2414	Nanodiamonds inhibit scratch-wound repair in lung epithelial cell monolayers by blocking cell migration and inhibiting cell proliferation. Toxicology Letters, 2021, 341, 83-93.	0.4	4
2415	Anticancer Potential of Biogenic Silver Nanoparticles: A Mechanistic Study. Pharmaceutics, 2021, 13, 707.	2.0	42
2416	p53 Frameshift Mutations Couple Loss-of-Function with Unique Neomorphic Activities. Molecular Cancer Research, 2021, 19, 1522-1533.	1.5	3
2417	Carbon dot-based materials for wound healing applications. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2021, 12, 025006.	0.7	9

#	Article	IF	Citations
2418	Hyperglycemia minimally alters primary self-renewing human colonic epithelial cells while TNFα-promotes severe intestinal epithelial dysfunction. Integrative Biology (United Kingdom), 2021, 13, 139-152.	0.6	1
2419	KDM6B promotes ESCC cell proliferation and metastasis by facilitating C/EBPÎ ² transcription. BMC Cancer, 2021, 21, 559.	1.1	16
2420	Classification and Production of Polymeric Foams among the Systems for Wound Treatment. Polymers, 2021, 13, 1608.	2.0	11
2421	Antibacterial functionalization of nylon monofilament surgical sutures through in situ deposition of biogenic silver nanoparticles. Surface and Coatings Technology, 2021, 413, 127090.	2.2	25
2422	Characterization, Antimicrobial Effects, and Cytocompatibility of a Root Canal Sealer Produced by Pozzolan Reaction between Calcium Hydroxide and Silica. Materials, 2021, 14, 2863.	1.3	7
2423	The Influence of Hyaluronic Acid Biofunctionalization of a Bovine Bone Substitute on Osteoblast Activity In Vitro. Materials, 2021, 14, 2885.	1.3	8
2424	Jaboticaba, a Brazilian jewel, source of antioxidant and wound healing promoter. Sustainable Chemistry and Pharmacy, 2021, 20, 100401.	1.6	4
2425	Deletion of $\langle i \rangle$ Ulk1 $\langle i \rangle$ inhibits neointima formation by enhancing KAT2A/GCN5-mediated acetylation of TUBA/α-tubulin $\langle i \rangle$ in vivo $\langle i \rangle$. Autophagy, 2021, 17, 4305-4322.	4.3	13
2427	Effects of emodin, a plantâ€derived anthraquinone, on TGFâ€Î²1â€induced cardiac fibroblast activation and function. Journal of Cellular Physiology, 2021, 236, 7440-7449.	2.0	11
2428	Proteoglycan 4 Modulates Osteogenic Smooth Muscle Cell Differentiation during Vascular Remodeling and Intimal Calcification. Cells, 2021, 10, 1276.	1.8	9
2429	Nanohybrid-Reinforced Gelatin-Ureidopyrimidinone-Based Self-healing Injectable Hydrogels for Tissue Engineering Applications. ACS Applied Bio Materials, 2021, 4, 5362-5377.	2.3	22
2430	The Lack of a Representative Tendinopathy Model Hampers Fundamental Mesenchymal Stem Cell Research. Frontiers in Cell and Developmental Biology, 2021, 9, 651164.	1.8	9
2431	A Biomimetic Polynucleotides–Hyaluronic Acid Hydrogel Promotes Wound Healing in a Primary Gingival Fibroblast Model. Applied Sciences (Switzerland), 2021, 11, 4405.	1.3	6
2432	In vitro performance of free and encapsulated bromelain. Scientific Reports, 2021, 11, 10195.	1.6	13
2433	Lichen-derived physodic acid exerts cytotoxic and anti-invasive effects in human lung cancer. Rendiconti Lincei, 2021, 32, 511-520.	1.0	3
2434	Plateletâ€rich plasma enhances mechanical strength of strattice in rat model of ventral hernia repair. Journal of Tissue Engineering and Regenerative Medicine, 2021, 15, 634-647.	1.3	7
2435	Overexpression of STAT4 under hypoxia promotes EMT through miR-200a/STAT4 signal pathway. Life Sciences, 2021, 273, 119263.	2.0	9
2436	MMP-9 Deletion Attenuates Arteriovenous Fistula Neointima through Reduced Perioperative Vascular Inflammation. International Journal of Molecular Sciences, 2021, 22, 5448.	1.8	12

#	Article	IF	CITATIONS
2437	Tailoring the growth and proliferation of human dermal fibroblasts by DNA â€based polymer films for skin regeneration. Journal of Biomedical Materials Research - Part A, 2021, 109, 2381-2391.	2.1	2
2438	CYR61 as a potential biomarker for the preoperative identification of muscle-invasive bladder cancers. Annals of Translational Medicine, 2021, 9, 761-761.	0.7	5
2439	Hyaluronic Acid-Based Nanocapsules as Efficient Delivery Systems of Garlic Oil Active Components with Anticancer Activity. Nanomaterials, 2021, 11, 1354.	1.9	13
2440	Effect of the Expression of ELOVL5 and IGFBP6 Genes on the Metastatic Potential of Breast Cancer Cells. Frontiers in Genetics, 2021, 12, 662843.	1.1	6
2441	Exosomes from cervical cancer cells facilitate pro-angiogenic endothelial reconditioning through transfer of Hedgehog–GLI signaling components. Cancer Cell International, 2021, 21, 319.	1.8	20
2442	Assessment of <i>Rhamnus alaternus</i> Leaves Extract: Phytochemical Characterization and Antimelanoma Activity. Journal of Medicinal Food, 2022, 25, 910-917.	0.8	7
2443	Enhanced antibacterial activity and wound healing by a novel collagen blended ZnO nanoparticles embedded niosome nanocomposites. Journal of Drug Delivery Science and Technology, 2021, 63, 102498.	1.4	11
2444	Promotion of \hat{I}^2 -Catenin/Forkhead Box Protein O Signaling Mediates Epithelial Repair in Kidney Injury. American Journal of Pathology, 2021, 191, 993-1009.	1.9	7
2445	Extracellular Vesicles From Epicardial Fat Facilitate Atrial Fibrillation. Circulation, 2021, 143, 2475-2493.	1.6	99
2446	The Antitumor Activity and Mechanism of a Natural Diterpenoid From Casearia graveolens. Frontiers in Oncology, 2021, 11, 688195.	1.3	3
2447	In Vitro Effects of Selective COX and LOX Inhibitors and Their Combinations with Antineoplastic Drugs in the Mouse Melanoma Cell Line B16F10. International Journal of Molecular Sciences, 2021, 22, 6498.	1.8	6
2448	Asthmatic Eosinophils Promote Contractility and Migration of Airway Smooth Muscle Cells and Pulmonary Fibroblasts In Vitro. Cells, 2021, 10, 1389.	1.8	5
2449	A cyclodextrin-based nanoformulation achieves co-delivery of ginsenoside Rg3 and quercetin for chemo-immunotherapy in colorectal cancer. Acta Pharmaceutica Sinica B, 2022, 12, 378-393.	5.7	63
2450	The HGR motif is the antiangiogenic determinant of vasoinhibin: implications for a therapeutic orally active oligopeptide. Angiogenesis, 2022, 25, 57-70.	3.7	10
2451	Anti-proliferative and pro-apoptotic activity of glycosidic derivatives of lawsone in melanoma cancer cell. BMC Cancer, 2021, 21, 662.	1.1	8
2452	Anti-Cancer Effects of Epigenetics Drugs Scriptaid and Zebularine in Human Breast Adenocarcinoma Cells. Anti-Cancer Agents in Medicinal Chemistry, 2022, 22, 1582-1591.	0.9	3
2453	Anti-Metastatic and Anti-Angiogenic Effects of Curcumin Analog DK1 on Human Osteosarcoma Cells In Vitro. Pharmaceuticals, 2021, 14, 532.	1.7	11
2454	Higher Integrin Alpha 3 Beta1 Expression in Papillary Thyroid Cancer Is Associated with Worst Outcome. Cancers, 2021, 13, 2937.	1.7	10

#	Article	IF	Citations
2455	Plumbagin, a Natural Product with Potent Anticancer Activities, Binds to and Inhibits Dihydroorotase, a Key Enzyme in Pyrimidine Biosynthesis. International Journal of Molecular Sciences, 2021, 22, 6861.	1.8	23
2456	Direct evidence of cellular transformation by prion-like p53 amyloid infection. Journal of Cell Science, 2021, 134, .	1.2	15
2457	Bioactive compounds from <i>Matricaria chamomilla</i> : structure identification, <i>in vitro</i> antiproliferative, antimigratory, antiangiogenic, and antiadenoviral activities. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2022, 77, 85-94.	0.6	4
2458	Kinase inhibitor screening reveals auroraâ€a kinase is a potential therapeutic and prognostic biomarker of gastric cancer. Journal of Cellular Biochemistry, 2021, 122, 1376-1388.	1.2	5
2459	TCF11 Has a Potent Tumor-Repressing Effect Than Its Prototypic Nrf1 \hat{l}^{\pm} by Definition of Both Similar Yet Different Regulatory Profiles, With a Striking Disparity From Nrf2. Frontiers in Oncology, 2021, 11, 707032.	1.3	10
2461	The critical role of collagen VI in lung development and chronic lung disease. Matrix Biology Plus, 2021, 10, 100058.	1.9	23
2462	Implications for preeclampsia: hypoxia-induced Notch promotes trophoblast migration. Reproduction, 2021, 161, 681-696.	1.1	8
2463	Andrographis paniculata-loaded niosome for wound healing application: Characterisation and in vivo analyses. Journal of Drug Delivery Science and Technology, 2021, 63, 102427.	1.4	17
2464	Tetrastigma hemsleyanum leaf flavones have anti-NSCLC ability by triggering apoptosis using the Akt-mTOR pathway. Food Bioscience, 2021, 41, 100914.	2.0	4
2465	EZH2-induced lysine K362 methylation enhances TMPRSS2-ERG oncogenic activity in prostate cancer. Nature Communications, 2021, 12, 4147.	5.8	17
2466	ERα36–GPER1 Collaboration Inhibits TLR4/NFΰB-Induced Pro-Inflammatory Activity in Breast Cancer Cells. International Journal of Molecular Sciences, 2021, 22, 7603.	1.8	11
2467	Design and characterization of a novel dimeric blood–brain barrier penetrating <scp>TNFα</scp> inhibitor. Proteins: Structure, Function and Bioinformatics, 2021, 89, 1508-1521.	1.5	4
2468	Description of a serpin toxin in Loxosceles (Brown spider) venoms: Cloning, expression in baculovirus-infected insect cells and functional characterization. International Journal of Biological Macromolecules, 2021, 183, 1607-1620.	3.6	4
2469	In vitro Assays and Imaging Methods for Drug Discovery for Cardiac Fibrosis. Frontiers in Physiology, 2021, 12, 697270.	1.3	6
2470	In Vitro Anticancer Activity and Oxidative Stress Biomarkers Status Determined by Usnea barbata (L.) F.H. Wigg. Dry Extracts. Antioxidants, 2021, 10, 1141.	2.2	19
2471	CM082, a novel VEGF receptor tyrosine kinase inhibitor, can inhibit angiogenesis in vitro and in vivo. Microvascular Research, 2021, 136, 104146.	1.1	3
2472	A new synthetic antitumor naphthoquinone induces ROS-mediated apoptosis with activation of the JNK and p38 signaling pathways. Chemico-Biological Interactions, 2021, 343, 109444.	1.7	13
2473	Daptomycin suppresses tumor migration and angiogenesis via binding to ribosomal protein S19 in humans. Journal of Antibiotics, 2021, 74, 726-733.	1.0	1

#	Article	IF	Citations
2474	Modifying Effects of Glucose and Insulin/Insulin-Like Growth Factors on Colon Cancer Cells. Frontiers in Oncology, 2021, 11, 645732.	1.3	2
2476	Overexpression of the nucleoporin Nup88 stimulates migration and invasion of HeLa cells. Histochemistry and Cell Biology, 2021, 156, 409-421.	0.8	4
2477	Dynamic precise dual-drug-backboned nano-prodrugs for selective chemotherapy. Acta Biomaterialia, 2021, 129, 209-219.	4.1	15
2478	Application of a binary mixture of bio-extract on organic cotton fabric. Journal of the Textile Institute, 0, , 1-11.	1.0	1
2479	Diarylpentanoid (1,5-bis(4-hydroxy-3-methoxyphenyl)-1,4-pentadiene-3-one) (MS13) Exhibits Anti-proliferative, Apoptosis Induction and Anti-migration Properties on Androgen-independent Human Prostate Cancer by Targeting Cell Cycle–Apoptosis and PI3K Signalling Pathways. Frontiers in Pharmacology, 2021, 12, 707335.	1.6	4
2480	Electrospun scaffolds for wound healing applications from poly(4â€hydroxybutyrate): A biobased and biodegradable linear polymer with high elastomeric properties. Journal of Applied Polymer Science, 2022, 139, 51447.	1.3	3
2481	Roles of leader and follower cells in collective cell migration. Molecular Biology of the Cell, 2021, 32, 1267-1272.	0.9	47
2482	Alkaloid and acetogenin-rich fraction from Annona crassiflora fruit peel inhibits proliferation and migration of human liver cancer HepG2 cells. PLoS ONE, 2021, 16, e0250394.	1.1	8
2483	Altered properties of human adipose-derived mesenchymal stromal cell during continuous in vitro cultivation. Cytotechnology, 2021, 73, 657-667.	0.7	8
2484	A comparative study of the effects of guttaâ€percha solvents on human osteoblasts and murine fibroblasts. Australian Endodontic Journal, 2021, , .	0.6	1
2485	Green synthesis of silver nanoparticles from aqueous extract of Scutellaria barbata and coating on the cotton fabric for antimicrobial applications and wound healing activity in fibroblast cells (L929). Saudi Journal of Biological Sciences, 2021, 28, 3633-3640.	1.8	56
2486	ÄÄNH GIÕᰢNH HÆ⁻ỞNG IN VITRO CỦA GEL CHLORHEXIDINE IN SITU 0,5% LÊN Sá»° Sá»NG VÀ DI CHUYá» NÆ⁻ỚU NGÆ⁻Ờl. Y Hoc Viet Nam, 2021, 502, .	N.Cá» A	NGUYÊN
2488	Parallel Reporter Assays Identify Altered Regulatory Role of rs684232 in Leading to Prostate Cancer Predisposition. International Journal of Molecular Sciences, 2021, 22, 8792.	1.8	9
2490	In vitro fibroblasts viability and migration stimulation of Acalypha indica: an insight on wound healing activity. Future Journal of Pharmaceutical Sciences, 2021, 7, .	1.1	3
2491	Platelet Bone Morphogenetic Protein-4 Mediates Vascular Inflammation and Neointima Formation after Arterial Injury. Cells, 2021, 10, 2027.	1.8	10
2492	Improvement of Pulmonary Photodynamic Therapy: Nebulisation of Curcumin-Loaded Tetraether Liposomes. Pharmaceutics, 2021, 13, 1243.	2.0	16
2493	Systematic review of Ethiopian medicinal plants used for their anti-inflammatory and wound healing activities. Journal of Ethnopharmacology, 2021, 276, 114179.	2.0	17
2494	Targeted Inhibition of Anti-Inflammatory Regulator Nrf2 Results in Breast Cancer Retardation In Vitro and In Vivo. Biomedicines, 2021, 9, 1119.	1.4	25

#	Article	IF	Citations
2495	Dual Blood–Brain Barrier–Glioma Targeting Peptide–Poly(levodopamine) Hybrid Nanoplatforms as Potential Near Infrared Phototheranostic Agents in Glioblastoma. Bioconjugate Chemistry, 2021, 32, 2014-2031.	1.8	14
2496	PDGF-PDGFR network differentially regulates the fate, migration, proliferation, and cell cycle progression of myogenic cells. Cellular Signalling, 2021, 84, 110036.	1.7	24
2497	Exosomal IncRNA TCONS_00064356 derived from injured alveolar epithelial type II cells affects the biological characteristics of mesenchymal stem cells. Life Sciences, 2021, 278, 119568.	2.0	6
2498	Biological Tissue-Inspired Living Self-Healing Hydrogels Based on Cadherin-Mediated Specific Cell–Cell Adhesion. ACS Macro Letters, 2021, 10, 1073-1079.	2.3	6
2499	Wound dressings based on chitosan/gelatin/MgO composite films. International Journal of Polymeric Materials and Polymeric Biomaterials, 2022, 71, 1252-1261.	1.8	6
2500	Achyrocline satureioides (Lam.) DC (Asteraceae) Extract-Loaded Nanoemulsions as a Promising Topical Wound Healing Delivery System: In Vitro Assessments in Human Keratinocytes (HaCaT) and HET-CAM Irritant Potential. Pharmaceutics, 2021, 13, 1241.	2.0	14
2501	Cathepsin H deficiency decreases hypoxia-ischemia-induced hippocampal atrophy in neonatal mice through attenuated TLR3/IFN- \hat{l}^2 signaling. Journal of Neuroinflammation, 2021, 18, 176.	3.1	8
2502	Impact of human adipose tissue-derived stem cells on dermatofibrosarcoma protuberans cells in an indirect co-culture: an in vitro study. Stem Cell Research and Therapy, 2021, 12, 440.	2.4	5
2503	trans-Cinnamic acid, but not p-coumaric acid or methyl cinnamate, induces fibroblast migration through PKA- and p38-MAPK signalling pathways. Journal of Tissue Viability, 2021, 30, 363-371.	0.9	5
2504	Transcription factor POU4F2 promotes colorectal cancer cell migration and invasion through hedgehogâ∈mediated epithelialâ∈mesenchymal transition. Cancer Science, 2021, 112, 4176-4186.	1.7	7
2505	Polyl:C suppresses TGF-β1-induced Akt phosphorylation and reduces the motility of A549 lung carcinoma cells. Molecular Biology Reports, 2021, 48, 6313-6321.	1.0	5
2506	Microwave-assisted green synthesis of silver nanoparticles using crude extracts of Boletus edulis and Coriolus versicolor: Characterization, anticancer, antimicrobial and wound healing activities. Journal of Drug Delivery Science and Technology, 2021, 64, 102641.	1.4	38
2507	The High D-Glucose Concentration Reduces the Ability of Wound Healing in Vitro of Human Adipose Tissue-Derived Mesenchymal Stem Cells. IFMBE Proceedings, 2022, , 581-590.	0.2	1
2508	Dynamics of an Expanding Cell Monolayer. Journal of Statistical Physics, 2021, 184, 1.	0.5	4
2509	Increasing Angiogenesis Factors in Hypoxic Diabetic Wound Conditions by siRNA Delivery: Additive Effect of LbL-Gold Nanocarriers and Desloratadine-Induced Lysosomal Escape. International Journal of Molecular Sciences, 2021, 22, 9216.	1.8	19
2510	Induction of monoamine oxidase A-mediated oxidative stress and impairment of NRF2-antioxidant defence response by polyphenol-rich fraction of Bergenia ligulata sensitizes prostate cancer cells in vitro and in vivo. Free Radical Biology and Medicine, 2021, 172, 136-151.	1.3	19
2511	The Genes Encoding Small Leucine-Rich Proteoglycans Undergo Differential Expression Alterations in Colorectal Cancer, Depending on Tumor Location. Cells, 2021, 10, 2002.	1.8	2
2512	Influence of human teeth matrix on the cellular and biological properties of dental pulp stem cells - An in vitro study. Journal of Oral Biology and Craniofacial Research, 2021, 11, 552-557.	0.8	2

#	Article	IF	CITATIONS
2513	Synthesis and Functionalisation of Superparamagnetic Nano-Rods towards the Treatment of Glioblastoma Brain Tumours. Nanomaterials, 2021, 11, 2157.	1.9	15
2514	Deciphering the Antibacterial Role of Peptide From Bacillus subtilis subsp. spizizenii Ba49 Against Staphylococcus aureus. Frontiers in Microbiology, 2021, 12, 708712.	1.5	8
2515	Fibrotic Changes to Schlemm's Canal Endothelial Cells in Glaucoma. International Journal of Molecular Sciences, 2021, 22, 9446.	1.8	13
2516	Antitumor Effect of Saikosaponin A on Human Neuroblastoma Cells. BioMed Research International, 2021, 2021, 1-12.	0.9	9
2517	Anti-angiogenic, apoptotic and matrix metalloproteinase inhibitory activity of Withania somnifera (ashwagandha) on lung adenocarcinoma cells. Phytomedicine, 2021, 90, 153639.	2.3	15
2518	Salt-Inducible Kinase 3 Promotes Vascular Smooth Muscle Cell Proliferation and Arterial Restenosis by Regulating AKT and PKA-CREB Signaling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2431-2451.	1.1	8
2519	Limb-bud and heart (LBH) inhibits cellular migration, invasion and epithelial-mesenchymal transition in nasopharyngeal carcinoma via downregulating $\hat{l}\pm B$ -crystallin expression. Cellular Signalling, 2021, 85, 110045.	1.7	10
2520	The Role of Rho GTPases During Fibroblast Spreading, Migration, and Myofibroblast Differentiation in 3D Synthetic Fibrous Matrices. Cellular and Molecular Bioengineering, 2021, 14, 381-396.	1.0	6
2522	Shugoshin 2 is a biomarker for pathological grading and survival prediction in patients with gliomas. Scientific Reports, 2021, 11, 18541.	1.6	6
2523	Polybrominated diphenyl ethers BDE-47 and BDE-99 modulate murine melanoma cell phenotype in vitro. Environmental Science and Pollution Research, 2021, , 1.	2.7	3
2524	Antitumorigenic effect of insect-derived peptide poecilocorisin-1 in human skin cancer cells through regulation of Sp1 transcription factor. Scientific Reports, 2021, 11, 18445.	1.6	4
2525	Cartilage Acidic Protein a Novel Therapeutic Factor to Improve Skin Damage Repair?. Marine Drugs, 2021, 19, 541.	2.2	3
2526	FASN inhibition sensitizes metastatic OSCC cells to cisplatin and paclitaxel by downregulating cyclin B1. Oral Diseases, 2021, , .	1.5	5
2527	Bioengineering for curcumin loaded carboxymethyl guargum/reduced graphene oxide nanocomposites for chronic wound healing applications. International Journal of Pharmaceutics, 2021, 606, 120928.	2.6	26
2528	Crosstalk of Endothelial and Mesenchymal Stromal Cells under Tissue-Related O2. International Journal of Translational Medicine, 2021, 1, 116-136.	0.1	2
2530	Impact of DICER1 and DROSHA on the Angiogenic Capacity of Human Endothelial Cells. International Journal of Molecular Sciences, 2021, 22, 9855.	1.8	3
2531	Cyano- and Ketone-Containing Selenoesters as Multi-Target Compounds against Resistant Cancers. Cancers, 2021, 13, 4563.	1.7	11
2532	Biological parameters, discolouration and radiopacity of calcium silicateâ€based materials in a simulated model of partial pulpotomy. International Endodontic Journal, 2021, 54, 2133-2144.	2.3	10

#	ARTICLE	IF	CITATIONS
2533	A novel in vitro assay for peripheral nerve-related cell migration that preserves both extracellular matrix-derived molecular cues and nanofiber-derived topography. Journal of Neuroscience Methods, 2021, 361, 109289.	1.3	4
2534	Notch2 suppression mimicking changes in human pulmonary hypertension modulates Notch1 and promotes endothelial cell proliferation. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 321, H542-H557.	1.5	15
2535	The effect of temozolomide on Hsp60 and Hsp70 expression in extracellular vesicles derived from U87MG glioma cells. Turkish Journal of Biochemistry, 2022, 47, 85-95.	0.3	1
2536	Nanofibrous scaffolds of carboxymethyl guargum potentiated with reduced graphene oxide for in vitro and in vivo wound healing applications. International Journal of Pharmaceutics, 2021, 607, 121035.	2.6	16
2537	The actin depolymerizing factor destrin serves as a negative feedback inhibitor of smooth muscle cell differentiation. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 321, H893-H904.	1.5	2
2538	Metal Ion Releasing Gold Nanoparticles for Improving Therapeutic Efficiency of Tumor Targeted Photothermal Therapy. Tissue Engineering and Regenerative Medicine, 2022, 19, 289-299.	1.6	5
2539	Aglycone flavonoid brachydin A shows selective cytotoxicity and antitumoral activity in human metastatic prostate (DU145) cancer cells. Cytotechnology, 2021, 73, 761-774.	0.7	6
2540	Interferons Are Pro-Inflammatory Cytokines in Sheared-Stressed Human Aortic Valve Endothelial Cells. International Journal of Molecular Sciences, 2021, 22, 10605.	1.8	5
2541	Bacterial Nanocellulose as a Scaffold for In Vitro Cell Migration Assay. Nanomaterials, 2021, 11, 2322.	1.9	4
2542	Role of Hypericum perforatum oil and pomegranate seed oil in wound healing: an in vitro study. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2021, .	0.6	2
2543	<i>In Vitro</i> Models of Traumatic Brain Injury: A Systematic Review. Journal of Neurotrauma, 2021, 38, 2336-2372.	1.7	26
2544	P300/CBP-Associated Factor Activates Cardiac Fibroblasts by SMAD2 Acetylation. International Journal of Molecular Sciences, 2021, 22, 9944.	1.8	10
2545	The NF-κB pathway is critically implicated in the oncogenic phenotype of human osteosarcoma cells. Journal of Applied Biomedicine, 2021, 19, 190-201.	0.6	6
2546	Phytochemical screening and in vitro antibacterial, antioxidant, anti-inflammatory, anti-diabetic, and wound healing attributes of Senna auriculata (L.) Roxb. leaves. Arabian Journal of Chemistry, 2021, 14, 103345.	2.3	24
2547	Environmentally Relevant Levels of Depleted Uranium Impacts Dermal Fibroblast Proliferation, Viability, Metabolic Activity, and Scratch Closure. Toxics, 2021, 9, 211.	1.6	0
2548	MicroRNA-495/TGF- \hat{l}^2 /FOXC1 axis regulates multidrug resistance in metaplastic breast cancer cells. Biochemical Pharmacology, 2021, 192, 114692.	2.0	12
2549	Anthocyanin complex niosome gel accelerates oral wound healing: In vitro and clinical studies. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 37, 102423.	1.7	17
2550	A review of diabetic wound models—Novel insights into diabetic foot ulcer. Journal of Tissue Engineering and Regenerative Medicine, 2021, 15, 1051-1068.	1.3	20

#	Article	IF	CITATIONS
2551	Exposure to Microbial Metabolite Butyrate Prolongs the Survival Time and Changes the Growth Pattern of Human Papillomavirus 16 E6/E7-Immortalized Keratinocytes inÂVivo. American Journal of Pathology, 2021, 191, 1822-1836.	1.9	1
2552	In vitro methods used for discovering plant derived products as wound healing agents – An update on the cell types and rationale. Fìtoterapìâ, 2021, 154, 105026.	1.1	7
2553	Antioxidant and fibroblast-activating activities of the by-product of skate chondroitin extractive production. Sustainable Chemistry and Pharmacy, 2021, 23, 100499.	1.6	3
2554	Antitumoral activity of liraglutide, a new DNMT inhibitor in breast cancer cells in vitro and in vivo. Chemico-Biological Interactions, 2021, 349, 109641.	1.7	10
2555	pH-responsive hydrogel loaded with insulin as a bioactive dressing for enhancing diabetic wound healing. Materials and Design, 2021, 210, 110104.	3.3	56
2556	Probiotics improve re-epithelialization of scratches infected by Porphyromonas gingivalis through up-regulating CXCL8-CXCR1/CXCR2 axis. Anaerobe, 2021, 72, 102458.	1.0	5
2557	Tracking cell migration by cellular force footprint recorded with a mechano-optical biosensor. Biosensors and Bioelectronics, 2021, 193, 113533.	5.3	2
2558	The epidermal growth factor ortholog of ectromelia virus activates EGFR/ErbB1 and demonstrates mitogenic function in vitro. Virology, 2021, 564, 1-12.	1.1	1
2559	Micro-and-nanometer topological gradient of block copolymer fibrous scaffolds towards region-specific cell regulation. Journal of Colloid and Interface Science, 2022, 606, 248-260.	5.0	17
2560	Endocrine Disruption and Cancer of Reproductive Tissues. , 2022, , 225-253.		0
2561	Exposure to Mixtures of EDCs and Long-Term Effects. , 2022, , 165-182.		2
2563	Eugenol emerges as an elixir by targeting \hat{l}^2 -catenin, the central cancer stem cell regulator in lung carcinogenesis: an <i>in vivo</i> and <i>in vitro</i> rationale. Food and Function, 2021, 12, 1063-1078.	2.1	15
2564	Chemo-Mechanical Modulation of Cell Motions Using DNA Nanosprings. Bioconjugate Chemistry, 2021, 32, 311-317.	1.8	20
2565	An Accelerated Woundâ€Healing Surgical Suture Engineered with an Extracellular Matrix. Advanced Healthcare Materials, 2021, 10, e2001686.	3.9	9
2566	Activin a Receptor Type 2A Mutation Affects the Tumor Biology of Microsatellite Instability-High Gastric Cancer. Journal of Gastrointestinal Surgery, 2021, 25, 2231-2241.	0.9	4
2567	UV Radiation-induced Impairment of Cellular Morphology and Motility is Enhanced by DUSP3/VHR Loss and FAK Activation. Cell Biochemistry and Biophysics, 2021, 79, 261-269.	0.9	3
2568	Retinoic acid affects basic cellular processes and SOX2 and SOX18 expression in breast carcinoma cells. Biocell, 2021, 45, 1355-1367.	0.4	2
2569	MINDIN Exerts Protumorigenic Actions on Primary Prostate Tumors via Downregulation of the Scaffold Protein NHERF-1. Cancers, 2021, 13, 436.	1.7	2

#	Article	IF	CITATIONS
2570	Botanical from Piper capense Fruit Can Help to Combat the Melanoma as Demonstrated by In Vitro and In Vivo Studies. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-15.	0.5	9
2571	A multi-responsive self-healing hydrogel for controlled release of curcumin. Polymer Chemistry, 2021, 12, 2457-2463.	1.9	23
2572	Salidroside Induces Apoptosis in Human Gastric Cancer Cells <i>via</i> the Downregulation of ENO1/PKM2/GLUT1 Expression. Biological and Pharmaceutical Bulletin, 2021, 44, 1724-1731.	0.6	8
2573	In Vitro Assays of Biological Aggressiveness of Esophageal Squamous Cell Carcinoma. Methods in Molecular Biology, 2020, 2129, 161-175.	0.4	1
2574	Modeling Astrocytomas in a Family of Inducible Genetically Engineered Mice: Implications for Preclinical Cancer Drug Development., 2009, , 119-145.		1
2575	Analysis of Migration in Primary Ureteric Bud Epithelial Cells. Methods in Molecular Biology, 2012, 886, 147-155.	0.4	4
2576	Scratch Assay Analysis with Topology-Preserving Level Sets and Texture Measures. Lecture Notes in Computer Science, 2011, , 100-108.	1.0	3
2577	Epithelial Wound Healing and the Effects of Cytokines Investigated by ECIS. , 2012, , 131-175.		3
2578	Detecting Tumor Metastases. Advances in Cancer Research, 2016, 132, 1-44.	1.9	39
2579	Effects of sorghum ethyl-acetate extract on PC3M prostate cancer cell tumorigenicity. Journal of Functional Foods, 2017, 37, 449-459.	1.6	7
2580	Wound healing Activities of the bioactive compounds from Micrococcus sp. OUS9 isolated from marine water. Saudi Journal of Biological Sciences, 2020, 27, 2398-2402.	1.8	5
2581	Prevention of Corneal Myofibroblastic Differentiation <i>In Vitro</i> Using a Biomimetic ECM Hydrogel for Corneal Tissue Regeneration. ACS Applied Bio Materials, 2021, 4, 533-544.	2.3	28
2582	Atypical E2Fs inhibit tumor angiogenesis. Oncogene, 2018, 37, 271-276.	2.6	17
2583	Transformed MDCK cells secrete elevated MMP1 that generates LAMA5 fragments promoting endothelial cell angiogenesis. Scientific Reports, 2016, 6, 28321.	1.6	26
2584	Microphysiological systems for the modeling of wound healing and evaluation of pro-healing therapies. Journal of Materials Chemistry B, 2020, 8, 7062-7075.	2.9	15
2585	Up-regulation of microRNA-497-5p inhibits colorectal cancer cell proliferation and invasion via targeting PTPN3. Bioscience Reports, 2019, 39, .	1.1	19
2586	Efficacy of mycosynthesised AgNPs from <i>Earliella scabrosa</i> as an <i>in vitro</i> antibacterial and wound healing agent. IET Nanobiotechnology, 2019, 13, 339-344.	1.9	13
2587	Investigation of human trophoblast invasion <i>in vitro</i> . Human Reproduction Update, 2020, 26, 501-513.	5.2	155

#	ARTICLE	IF	CITATIONS
2599	Label-free investigation of the effects of lithium niobate polarization on cell adhesion. , 2017, , .		1
2600	Endothelial cell HSPA12B and yes-associated protein cooperatively regulate angiogenesis following myocardial infarction. JCI Insight, 2020, 5, .	2.3	21
2601	Mesenchymal TNFR2 promotes the development of polyarthritis and comorbid heart valve stenosis. JCl Insight, $2018,3,.$	2.3	20
2603	miR-149-5p Inhibits Vascular Smooth Muscle Cells Proliferation, Invasion, and Migration by Targeting Histone Deacetylase 4 (HDAC4). Medical Science Monitor, 2019, 25, 7581-7590.	0.5	25
2604	A tool for reproducible research: From data analysis (in R) to a typeset laboratory notebook (as .pdf) using the text editor Emacs with the 'mp' package. F1000Research, 0, 4, 483.	0.8	2
2605	Three-dimensional label-free imaging and quantification of migrating cells during wound healing. Biomedical Optics Express, 2020, 11, 6812.	1.5	9
2606	ETS Transcription Factors Control Transcription of EZH2 and Epigenetic Silencing of the Tumor Suppressor Gene Nkx3.1 in Prostate Cancer. PLoS ONE, 2010, 5, e10547.	1.1	122
2607	Different Effects of Angiotensin II and Angiotensin-(1-7) on Vascular Smooth Muscle Cell Proliferation and Migration. PLoS ONE, 2010, 5, e12323.	1.1	66
2608	Antiangiogenic Activity of 2-Deoxy-D-Glucose. PLoS ONE, 2010, 5, e13699.	1.1	92
2609	Estrogen Induced Metastatic Modulators MMP-2 and MMP-9 Are Targets of 3,3′-Diindolylmethane in Thyroid Cancer. PLoS ONE, 2011, 6, e15879.	1.1	68
2610	IL-6 Stabilizes Twist and Enhances Tumor Cell Motility in Head and Neck Cancer Cells through Activation of Casein Kinase 2. PLoS ONE, 2011, 6, e19412.	1.1	73
2611	Plexin-B2 Negatively Regulates Macrophage Motility, Rac, and Cdc42 Activation. PLoS ONE, 2011, 6, e24795.	1.1	38
2612	Implication of RNA-Binding Protein La in Proliferation, Migration and Invasion of Lymph Node-Metastasized Hypopharyngeal SCC Cells. PLoS ONE, 2011, 6, e25402.	1.1	43
2613	CXCR4 Antagonist AMD3100 Modulates Claudin Expression and Intestinal Barrier Function in Experimental Colitis. PLoS ONE, 2011, 6, e27282.	1.1	30
2614	Delayed Cutaneous Wound Healing and Aberrant Expression of Hair Follicle Stem Cell Markers in Mice Selectively Lacking Ctip2 in Epidermis. PLoS ONE, 2012, 7, e29999.	1,1	53
2615	A Cell-Based Small Molecule Screening Method for Identifying Inhibitors of Epithelial-Mesenchymal Transition in Carcinoma. PLoS ONE, 2012, 7, e33183.	1.1	75
2616	Enhanced Keratinocyte Proliferation and Migration in Co-culture with Fibroblasts. PLoS ONE, 2012, 7, e40951.	1.1	82
2617	The T Box Transcription Factor TBX2 Promotes Epithelial-Mesenchymal Transition and Invasion of Normal and Malignant Breast Epithelial Cells. PLoS ONE, 2012, 7, e41355.	1.1	52

#	Article	IF	CITATIONS
2618	Novel Processed Form of Syndecan-1 Shed from SCC-9 Cells Plays a Role in Cell Migration. PLoS ONE, 2012, 7, e43521.	1.1	37
2619	Hyaluronan Fragments Improve Wound Healing on In Vitro Cutaneous Model through P2X7 Purinoreceptor Basal Activation: Role of Molecular Weight. PLoS ONE, 2012, 7, e48351.	1.1	80
2620	Nucleo-Cytoplasmic Trafficking of TRIM8, a Novel Oncogene, Is Involved in Positive Regulation of TNF Induced NF-κB Pathway. PLoS ONE, 2012, 7, e48662.	1.1	46
2621	Role of the Beta Catenin Destruction Complex in Mediating Chemotherapy-Induced Senescence-Associated Secretory Phenotype. PLoS ONE, 2012, 7, e52188.	1.1	18
2622	Enhanced Heme Function and Mitochondrial Respiration Promote the Progression of Lung Cancer Cells. PLoS ONE, 2013, 8, e63402.	1.1	92
2623	Galectin-4 Reduces Migration and Metastasis Formation of Pancreatic Cancer Cells. PLoS ONE, 2013, 8, e65957.	1.1	52
2624	Early Insights into the Function of KIAA1199, a Markedly Overexpressed Protein in Human Colorectal Tumors. PLoS ONE, 2013, 8, e69473.	1.1	51
2625	Preclinical Evaluation of 4-Methylthiobutyl Isothiocyanate on Liver Cancer and Cancer Stem Cells with Different p53 Status. PLoS ONE, 2013, 8, e70846.	1.1	19
2626	FoxP1 Stimulates Angiogenesis by Repressing the Inhibitory Guidance Protein Semaphorin 5B in Endothelial Cells. PLoS ONE, 2013, 8, e70873.	1.1	37
2627	CTR1 Silencing Inhibits Angiogenesis by Limiting Copper Entry into Endothelial Cells. PLoS ONE, 2013, 8, e71982.	1.1	58
2628	Expression of Tau40 Induces Activation of Cultured Rat Microglial Cells. PLoS ONE, 2013, 8, e76057.	1.1	37
2629	Beyond Cell Death – Antiapoptotic Bcl-2 Proteins Regulate Migration and Invasion of Colorectal Cancer Cells In Vitro. PLoS ONE, 2013, 8, e76446.	1.1	81
2630	EDA-Containing Fibronectin Increases Proliferation of Embryonic Stem Cells. PLoS ONE, 2013, 8, e80681.	1.1	21
2631	A New In Vitro Model to Study Cellular Responses after Thermomechanical Damage in Monolayer Cultures. PLoS ONE, 2013, 8, e82635.	1.1	17
2632	MSLN Gene Silencing Has an Anti-Malignant Effect on Cell Lines Overexpressing Mesothelin Deriving from Malignant Pleural Mesothelioma. PLoS ONE, 2014, 9, e85935.	1.1	26
2633	Down-Regulation of Gli Transcription Factor Leads to the Inhibition of Migration and Invasion of Ovarian Cancer Cells via Integrin Î ² 4-Mediated FAK Signaling. PLoS ONE, 2014, 9, e88386.	1.1	70
2634	Membrane Nanowaves in Single and Collective Cell Migration. PLoS ONE, 2014, 9, e97855.	1.1	3
2635	Hyaluronidase Modulates Inflammatory Response and Accelerates the Cutaneous Wound Healing. PLoS ONE, 2014, 9, e112297.	1.1	55

#	Article	IF	CITATIONS
2636	Proliferation of Cultured Mouse Choroid Plexus Epithelial Cells. PLoS ONE, 2015, 10, e0121738.	1.1	34
2637	Hypoxia Augments Outgrowth Endothelial Cell (OEC) Sprouting and Directed Migration in Response to Sphingosine-1-Phosphate (S1P). PLoS ONE, 2015, 10, e0123437.	1.1	40
2638	Th2 Cytokines Inhibit Lymphangiogenesis. PLoS ONE, 2015, 10, e0126908.	1.1	82
2639	Hepatoma-Derived Growth Factor-Related Protein-3 Is a Novel Angiogenic Factor. PLoS ONE, 2015, 10, e0127904.	1.1	22
2640	Expanding the Activity of Tissue Inhibitors of Metalloproteinase (TIMP)-1 against Surface-Anchored Metalloproteinases by the Replacement of Its C-Terminal Domain: Implications for Anti-Cancer Effects. PLoS ONE, 2015, 10, e0136384.	1.1	14
2641	Silencing of Paternally Expressed Gene 10 Inhibits Trophoblast Proliferation and Invasion. PLoS ONE, 2015, 10, e0144845.	1.1	28
2642	Expression of the Long Non-Coding RNA HOTAIR Correlates with Disease Progression in Bladder Cancer and Is Contained in Bladder Cancer Patient Urinary Exosomes. PLoS ONE, 2016, 11, e0147236.	1.1	223
2643	Pre-Osteoblasts Stimulate Migration of Breast Cancer Cells via the HGF/MET Pathway. PLoS ONE, 2016, 11, e0150507.	1.1	13
2644	PBRM1 Regulates the Expression of Genes Involved in Metabolism and Cell Adhesion in Renal Clear Cell Carcinoma. PLoS ONE, 2016, 11, e0153718.	1.1	72
2645	Regulation of Cell Proliferation and Migration by miR-203 via GAS41/miR-10b Axis in Human Glioblastoma Cells. PLoS ONE, 2016, 11, e0159092.	1.1	20
2646	Rinsing with Saline Promotes Human Gingival Fibroblast Wound Healing In Vitro. PLoS ONE, 2016, 11, e0159843.	1.1	29
2647	Discovery of a Series of Acridinones as Mechanism-Based Tubulin Assembly Inhibitors with Anticancer Activity. PLoS ONE, 2016, 11, e0160842.	1.1	9
2648	Arnica montana Stimulates Extracellular Matrix Gene Expression in a Macrophage Cell Line Differentiated to Wound-Healing Phenotype. PLoS ONE, 2016, 11, e0166340.	1.1	34
2649	Characterization of three-dimensional cancer cell migration in mixed collagen-Matrigel scaffolds using microfluidics and image analysis. PLoS ONE, 2017, 12, e0171417.	1.1	116
2650	A computational modelling framework to quantify the effects of passaging cell lines. PLoS ONE, 2017, 12, e0181941.	1.1	14
2651	Ouabain affects cell migration via Na,K-ATPase-p130cas and via nucleus-centrosome association. PLoS ONE, 2017, 12, e0183343.	1.1	5
2652	Inhibition of transforming growth factor- \hat{l}^2 signaling in myeloid cells ameliorates aortic aneurysmal formation in Marfan syndrome. PLoS ONE, 2020, 15, e0239908.	1.1	4
2653	Carcinogenic Parasite Secretes Growth Factor That Accelerates Wound Healing and Potentially Promotes Neoplasia. PLoS Pathogens, 2015, 11, e1005209.	2.1	78

#	Article	IF	CITATIONS
2654	Phospholipase D activation mediates growth and migration of colon cancer cells interacting with cancer-associated fibroblasts. Cellular and Molecular Biology, 2018, 64, 84-88.	0.3	6
2655	Osteopontin enhances the migration of lung fibroblasts via upregulation of interleukin-6 through the extracellular signal-regulated kinase (ERK) pathway. Biological Chemistry, 2020, 401, 1071-1080.	1.2	11
2656	An in vitro ethnopharmacological study on Prangos ferulacea: a wound healing agent. BioImpacts, 2017, 7, 75-82.	0.7	14
2657	Loss of Tiparp Results in Aberrant Layering of the Cerebral Cortex. ENeuro, 2019, 6, ENEURO.0239-19.2019.	0.9	9
2658	RAB13 mRNA compartmentalisation spatially orients tissue morphogenesis. EMBO Journal, 2020, 39, e106003.	3.5	21
2659	Novel three-dimensional cultures provide insights into thyroid cancer behavior. Endocrine-Related Cancer, 2020, 27, 111-121.	1.6	6
2660	Wound Healing Activity of Consciousness Energy Healing Treatmenton HFF-1 Cells and DMEM Using Scratch Assay. Investigative Dermatology and Venereology Research, 2018, 4, 50-54.	0.1	1
2661	Wound healing potential of Spirulina platensis extracts on human dermal fibroblast cells. EXCLI Journal, 2015, 14, 385-93.	0.5	45
2662	PTEN deficiency and mutant p53 confer glucose-addiction to thyroid cancer cells: impact of glucose depletion on cell proliferation, cell survival, autophagy and cell migration. Genes and Cancer, 2014, 5, 226-239.	0.6	27
2663	Non-caveolar caveolin-1 expression in prostate cancer cells promotes lymphangiogenesis. Oncoscience, 2015, 2, 635-645.	0.9	22
2664	Phosphatidyl inositol-3 kinase (<i>PIK3CA</i>) E545K mutation confers cisplatin resistance and a migratory phenotype in cervical cancer cells. Oncotarget, 2016, 7, 82424-82439.	0.8	33
2665	GATA2 as a potential metastasis-driving gene in prostate cancer. Oncotarget, 2014, 5, 451-461.	0.8	56
2666	Cancer upregulated gene 2 induces epithelial-mesenchymal transition of human lung cancer cells via TGF- \hat{l}^2 signaling. Oncotarget, 2017, 8, 5092-5110.	0.8	37
2667	Gankyrin promotes epithelial-mesenchymal transition and metastasis in NSCLC through forming a closed circle with IL-6/ STAT3 and TGF-l²/SMAD3 signaling pathway. Oncotarget, 2017, 8, 5909-5923.	0.8	24
2668	The Netrin-4/ Neogenin-1 axis promotes neuroblastoma cell survival and migration. Oncotarget, 2017, 8, 9767-9782.	0.8	21
2669	Activation of TRPM7 by naltriben enhances migration and invasion of glioblastoma cells. Oncotarget, 2017, 8, 11239-11248.	0.8	36
2670	The anti-neoplastic activity of Vandetanib against high-risk medulloblastoma variants is profoundly enhanced by additional PI3K inhibition. Oncotarget, 2017, 8, 46915-46927.	0.8	8
2671	Increased IncRNA ABHD11-AS1 represses the malignant phenotypes of bladder cancer. Oncotarget, 2017, 8, 28176-28186.	0.8	42

#	Article	IF	CITATIONS
2672	Kinomic profiling identifies focal adhesion kinase 1 as a therapeutic target in advanced clear cell renal cell carcinoma. Oncotarget, 2017, 8, 29220-29232.	0.8	10
2673	Catecholamines facilitate VEGF-dependent angiogenesis via \hat{l}^2 2-adrenoceptor-induced Epac1 and PKA activation. Oncotarget, 2017, 8, 44732-44748.	0.8	27
2674	Functional heterogeneity in tumor-derived human pancreatic stellate cells: Differential expression of HGF and implications for mitogenic signaling and migration in pancreatic cancer cells. Oncotarget, 2017, 8, 71672-71684.	0.8	16
2675	SENP5 mediates breast cancer invasion via a TGFβRI SUMOylation cascade. Oncotarget, 2014, 5, 1071-1082.	0.8	34
2676	BMI-1 is a potential therapeutic target in diffuse intrinsic pontine glioma. Oncotarget, 2017, 8, 62962-62975.	0.8	46
2677	Identification of a novel p53 target, COL17A1, that inhibits breast cancer cell migration and invasion. Oncotarget, 2017, 8, 55790-55803.	0.8	58
2678	HNSCC subverts PBMCs to secrete soluble products that promote tumor cell proliferation. Oncotarget, 2017, 8, 60860-60874.	0.8	9
2679	Integration of ALV into <i>CTDSPL</i> and <i>CTDSPL2</i> genes in B-cell lymphomas promotes cell immortalization, migration and survival. Oncotarget, 2017, 8, 57302-57315.	0.8	16
2680	PATZ1 knockdown enhances malignant phenotype in thyroid epithelial follicular cells and thyroid cancer cells. Oncotarget, 2017, 8, 82754-82772.	0.8	4
2681	Metformin limits the adipocyte tumor-promoting effect on ovarian cancer. Oncotarget, 2014, 5, 4746-4764.	0.8	70
2682	A novel multikinase inhibitor R8 exhibits potent inhibition on cancer cells through both apoptosis and autophagic cell death. Oncotarget, 2017, 8, 87209-87220.	0.8	1
2683	CD109 released from human bone marrow mesenchymal stem cells attenuates TGF-β-induced epithelial to mesenchymal transition and stemness of squamous cell carcinoma. Oncotarget, 2017, 8, 95632-95647.	0.8	9
2684	A dock derived compound against laminin receptor (37 LR) exhibits anti-cancer properties in a prostate cancer cell line model. Oncotarget, 2018, 9, 5958-5978.	0.8	12
2685	Reactivating TP53 signaling by the novel MDM2 inhibitor DS-3032b as a therapeutic option for high-risk neuroblastoma. Oncotarget, 2018, 9, 2304-2319.	0.8	51
2686	Characterization of CDK(5) inhibitor, 20-223 (aka CP668863) for colorectal cancer therapy. Oncotarget, 2018, 9, 5216-5232.	0.8	22
2687	Mandatory role of HMGA1 in human airway epithelial normal differentiation and post-injury regeneration. Oncotarget, 2018, 9, 14324-14337.	0.8	9
2688	Co-treatment of tumor cells with hyaluronan plus doxorubicin affects endothelial cell behavior independently of VEGF expression. Oncotarget, 2018, 9, 36585-36602.	0.8	16
2689	ERO1 \hat{l}_{\pm} promotes hypoxic tumor progression and is associated with poor prognosis in pancreatic cancer. Oncotarget, 2019, 10, 5970-5982.	0.8	29

#	Article	IF	Citations
2690	The PI3K inhibitor GDC-0941 displays promising <i>in vitro and in vivo </i> i>efficacy for targeted medulloblastoma therapy. Oncotarget, 2015, 6, 802-813.	0.8	30
2691	Development and characterization of the novel human osteosarcoma cell line COS-33 with sustained activation of the mTOR pathway. Oncotarget, 2020, 11, 2597-2610.	0.8	6
2692	YBX1/YB-1 induces partial EMT and tumourigenicity through secretion of angiogenic factors into the extracellular microenvironment. Oncotarget, 2015, 6, 13718-13730.	0.8	66
2693	Dequalinium blocks macrophage-induced metastasis following local radiation. Oncotarget, 2015, 6, 27537-27554.	0.8	34
2694	The novel HSP90 inhibitor AT13387 potentiates radiation effects in squamous cell carcinoma and adenocarcinoma cells. Oncotarget, 2015, 6, 35652-35666.	0.8	40
2695	Critical role of PPAR \hat{I}^3 in myeloid-derived suppressor cell-stimulated cancer cell proliferation and metastasis. Oncotarget, 2016, 7, 1529-1543.	0.8	41
2696	hsa-miR-9 controls the mobility behavior of glioblastoma cells <i>via</i> regulation of MAPK14 signaling elements. Oncotarget, 2016, 7, 23170-23181.	0.8	18
2697	The dual targeting of insulin and insulin-like growth factor 1 receptor enhances the mTOR inhibitor-mediated antitumor efficacy in hepatocellular carcinoma. Oncotarget, 2016, 7, 9718-9731.	0.8	19
2698	Lentivirus-mediated PLCγ1 gene short-hairpin RNA suppresses tumor growth and metastasis of human gastric adenocarcinoma. Oncotarget, 2016, 7, 8043-8054.	0.8	15
2699	Osteoactivin (GPNMB) ectodomain protein promotes growth and invasive behavior of human lung cancer cells. Oncotarget, 2016, 7, 13932-13944.	0.8	28
2700	Volatile anaesthetics enhance the metastasis related cellular signalling including CXCR2 of ovarian cancer cells. Oncotarget, 2016, 7, 26042-26056.	0.8	100
2701	Interaction between the human papillomavirus 16 E7 oncoprotein and gelsolin ignites cancer cell motility and invasiveness. Oncotarget, 2016, 7, 50972-50985.	0.8	9
2702	<i>Emblica officinalis</i> extract downregulates pro-angiogenic molecules <i>via</i> upregulation of cellular and exosomal miR-375 in human ovarian cancer cells. Oncotarget, 2016, 7, 31484-31500.	0.8	29
2703	Loss of PAX8 in high-grade serous ovarian cancer reduces cell survival despite unique modes of action in the fallopian tube and ovarian surface epithelium. Oncotarget, 2016, 7, 32785-32795.	0.8	38
2704	Conditioned medium derived from rat amniotic epithelial cells confers protection against inflammation, cancer, and senescence. Oncotarget, 2016, 7, 39051-39064.	0.8	19
2705	<i>Human cytomegalovirus</i> may promote tumour progression by upregulating arginase-2. Oncotarget, 2016, 7, 47221-47231.	0.8	18
2706	Natural Inorganic Ingredients in Wound Healing. Current Pharmaceutical Design, 2020, 26, 621-641.	0.9	24
2707	Platelet-Derived Exosomes Affect the Proliferation and Migration of Human Umbilical Vein Endothelial Cells Via miR-126. Current Vascular Pharmacology, 2019, 17, 379-387.	0.8	37

#	Article	IF	CITATIONS
2708	A Truncated Snail1 Transcription Factor Alters the Expression of Essential EMT Markers and Suppresses Tumor Cell Migration in a Human Lung Cancer Cell Line. Recent Patents on Anti-Cancer Drug Discovery, 2019, 14, 158-169.	0.8	19
2709	Pinocembrin-Enriched Fractions of Elytranthe parasitica (L.) Danser Modulates Apoptotic and MAPK Cellular Signaling in HepG2 Cells. Anti-Cancer Agents in Medicinal Chemistry, 2019, 18, 1563-1572.	0.9	7
2710	Selective Photodynamic Effects on Breast Cancer Cells Provided by p123 Pluronic®- Based Nanoparticles Modulating Hypericin Delivery. Anti-Cancer Agents in Medicinal Chemistry, 2020, 20, 1352-1367.	0.9	13
2711	BDNF-TrkB and proBDNF-p75NTR/Sortilin Signaling Pathways are Involved in Mitochondria-Mediated Neuronal Apoptosis in Dorsal Root Ganglia after Sciatic Nerve Transection. CNS and Neurological Disorders - Drug Targets, 2020, 19, 66-82.	0.8	15
2712	The Tumor-promoting Effects of FAM92A1-289 in Cervical Carcinoma Cells. Anticancer Research, 2016, 36, 5197-5204.	0.5	4
2713	The COOH-terminus of the IGF-1Ec Isoform Enhances the Proliferation and Migration of Human MCF-7 Breast Cancer Cells. Anticancer Research, 2017, 37, 2899-2912.	0.5	2
2714	Phosphaplatin Anti-tumor Effect Enhanced by Liposomes Partly via an Up-regulation of PEDF in Breast Cancer. Anticancer Research, 2018, 38, 623-646.	0.5	5
2715	The Effect of Platelet-Rich Fibrin (PRF), Plasma Rich in Growth Factors (PRGF), and Enamel Matrix Proteins (Emdogain) on Migration of Human Gingival Fibroblasts. Journal of Dentistry, 2019, 20, 232-239.	0.1	4
2716	Anticancer Activity of Camel Milk via Induction of Autophagic Death in Human Colorectal and Breast Cancer Cells. Asian Pacific Journal of Cancer Prevention, 2018, 19, 3501-3509.	0.5	28
2717	Identification and applications of neuroactive silk proteins: a narrative review. Journal of Applied Biomedicine, 2019, 17, 147-156.	0.6	18
2718	Lipopolysaccharide Stimulated the Migration of NIH3T3 Cells Through a Positive Feedback Between \hat{l}^2 -Catenin and COX-2. Frontiers in Pharmacology, 2018, 9, 1487.	1.6	15
2719	Targeting Hedgehog Pathway and DNA Methyltransferases in Uterine Leiomyosarcoma Cells. Cells, 2021, 10, 53.	1.8	11
2720	N-Acetyl-d-Glucosamine Kinase Interacts with NudC and Lis1 in Dynein Motor Complex and Promotes Cell Migration. International Journal of Molecular Sciences, 2021, 22, 129.	1.8	9
2721	Reversible Bonding of Thermoplastic Elastomers for Cell Patterning Applications. Processes, 2021, 9, 54.	1.3	7
2722	Ethanolic extract of Thuja occidentalis blocks proliferation of A549 cells and induces apoptosis in vitro. Zhong Xi Yi Jie He Xue Bao, 2012, 10, 1451-1459.	0.7	14
2723	Establishment and characterization of cell lines from chromosomal instable colorectal cancer. World Journal of Gastroenterology, 2015, 21, 164.	1.4	27
2724	αâ€'Solanine inhibits growth and metastatic potential of human colorectal cancer cells. Oncology Reports, 2020, 43, 1387-1396.	1.2	15
2725	Antiangiogenic and Antioxidant Activity of Endophytic Fungus Isolated from Seaweed (Sargassum) Tj ETQq $1\ 1\ C$).784314 r	gBŢ/Overloc -

#	Article	IF	CITATIONS
2726	Siamese Crocodile White Blood Cell Extract Inhibits Cell Proliferation and Promotes Autophagy in Multiple Cancer Cell Lines. Journal of Microbiology and Biotechnology, 2018, 28, 1007-1021.	0.9	11
2727	Inhibition of proliferation and migration of stricture fibroblasts by epithelial cell-conditioned media. Indian Journal of Urology, 2015, 31, 111.	0.2	9
2728	Rapamycin promotes Schwann cell migration and nerve growth factor secretion. Neural Regeneration Research, 2014, 9, 602.	1.6	13
2729	Naringenin potentiated \hat{l}^2 -sitosterol healing effect on the scratch wound assay. Research in Pharmaceutical Sciences, 2019, 14, 566.	0.6	27
2730	Zerumbone Suppresses Angiogenesis in HepG2 Cells through Inhibition of Matrix Metalloproteinase-9, Vascular Endothelial Growth Factor, and Vascular Endothelial Growth Factor Receptor Expressions. Pharmacognosy Magazine, 2018, 13, S731-S736.	0.3	10
2731	Inhibition of ALAS1 activity exerts anti-tumour effects on colorectal cancer in vitro. Saudi Journal of Gastroenterology, 2020, 26, 144.	0.5	8
2732	Use of Nigella sativa Linn. Supercritical Carbon Dioxide Extract for Targeting the Angiogenesis Cascade. , $2016,05,.$		2
2733	Metal, Metalloid, and Oxide Nanoparticles for Therapeutic and Diagnostic Oncology. Nano Biomedicine and Engineering, 2016, 8, .	0.3	18
2734	Cytocompatibility and cell proliferation evaluation of calcium phosphate-based root canal sealers. Restorative Dentistry & Endodontics, 2020, 45, e2.	0.6	8
2735	Metastasis of human gastric adenocarcinoma partly depends on phosphoinositide-specific phospholipase γ1 expression. Folia Histochemica Et Cytobiologica, 2014, 52, 178-186.	0.6	11
2736	Optimization of cell motility evaluation in scratch assay. Biopolymers and Cell, 2014, 30, 223-228.	0.1	6
2737	Diethyldithiocarbamate Suppresses an NF-κB Dependent Metastatic Pathway in Cholangiocarcinoma Cells. Asian Pacific Journal of Cancer Prevention, 2013, 14, 4441-4446.	0.5	13
2738	Menadione (Vitamin K3) Induces Apoptosis of Human Oral Cancer Cells and Reduces their Metastatic Potential by Modulating the Expression of Epithelial to Mesenchymal Transition Markers and Inhibiting Migration. Asian Pacific Journal of Cancer Prevention, 2013, 14, 5461-5465.	0.5	28
2739	Dendrosomal Curcumin Inhibits Metastatic Potential of Human SW480 Colon Cancer Cells through Down-regulation of Claudin1, Zeb1 and Hef1-1 Gene Expression. Asian Pacific Journal of Cancer Prevention, 2015, 16, 2473-2481.	0.5	30
2740	Scabraside D Extracted from Holothuria scabra Induces Apoptosis and Inhibits Growth of Human Cholangiocarcinoma Xenografts in Mice. Asian Pacific Journal of Cancer Prevention, 2016, 17, 511-517.	0.5	12
2741	Clarias batrachus collagen extract increases fibroblast cell adhesion, migration and proliferation. Journal of Applied Pharmaceutical Science, 0, , 019-023.	0.7	5
2742	Species-specific maturation profiles of human, chimpanzee and bonobo neural cells. ELife, 2019, 8, .	2.8	94
2743	Programmed knockout mutation of liver fluke granulin attenuates virulence of infection-induced hepatobiliary morbidity. ELife, 2019, 8, .	2.8	61

#	Article	IF	CITATIONS
2744	Anti-Cancer Therapy: Chlorogenic Acid, Gallic Acid and Ellagic Acid in Synergism. IOSR Journal of Pharmacy and Biological Sciences, 2017, 12, 48-52.	0.1	6
2745	Cell morphology as a design parameter in the bioengineering of cell–biomaterial surface interactions. Biomaterials Science, 2021, 9, 8032-8050.	2.6	7
2746	Influence of Cryopreservation on Phenotype and Functional Properties of Multipotent Mesenchymal Stromal Cells Derived From Different Sources. Problems of Cryobiology and Cryomedicine, 2021, 31, 268-272.	0.3	1
2747	Paracrine activity of adipose derived stem cells on limbal epithelial stem cells. Scientific Reports, 2021, 11, 19956.	1.6	6
2748	Hyaluronic acid sustains platelet stability with prolonged growth factor release and accelerates wound healing by enhancing proliferation and collagen deposition in diabetic mice. Journal of Drug Delivery Science and Technology, 2022, 67, 102898.	1.4	3
2749	Establishment of a New Cell Line of Canine Mammary Tumor CMT-1026. Frontiers in Veterinary Science, 2021, 8, 744032.	0.9	4
2750	Anti-cancer efficacy includingÂRb-deficient tumorsÂandÂVHL-independent HIF1αÂproteasomal destabilizationÂby dual targeting of CDK1 or CDK4/6 and HSP90. Scientific Reports, 2021, 11, 20871.	1.6	9
2751	Targeted Quantitative Profiling of GTP-Binding Proteins Associated with Metastasis of Melanoma Cells. Journal of Proteome Research, 2021, 20, 5189-5195.	1.8	1
2752	The Role of the C-Terminal Lysine of S100P in S100P-Induced Cell Migration and Metastasis. Biomolecules, 2021, 11, 1471.	1.8	2
2753	Wound healing and antibacterial activities of water-soluble chitosan nanoparticles and excretion/secretion as a natural combination from medicinal maggots, <i>Lucilia cuprina</i> . Journal of Bioactive and Compatible Polymers, 2021, 36, 510-519.	0.8	1
2754	Effect of Invasion of Borrelia burgdorferi in Normal and Neoplastic Mammary Epithelial Cells. Antibiotics, 2021, 10, 1295.	1.5	2
2755	Novel scaffold based graphene oxide doped electrospun iota carrageenan/polyvinyl alcohol for wound healing and pathogen reduction: in-vitro and in-vivo study. Scientific Reports, 2021, 11, 20456.	1.6	16
2756	Comparative study on the biological characteristics of menstrual blood‑ and endometrium‑derived endometrial cells. Experimental and Therapeutic Medicine, 2021, 22, 1421.	0.8	0
2757	Fâ€domain valency determines outcome of signaling through the angiopoietin pathway. EMBO Reports, 2021, 22, e53471.	2.0	12
2758	Amphiphilic galactomannan nanoparticles trigger the alternative activation of murine macrophages. Journal of Controlled Release, 2021, 339, 473-483.	4.8	15
2759	Preparation of chitosan nanoparticles as Ginkgo Biloba extract carrier: In vitro neuroprotective effect on oxidative stress-induced human neuroblastoma cells (SH-SY5Y). International Journal of Biological Macromolecules, 2021, 192, 675-683.	3.6	14
2760	Experimental Procedures to Assay Invasion-Associated Activities of Primary Cultured Fibroblasts. , 2011, , 131-143.		0
2761	Metastatic events of MDA-MB-231 cells induced by angiogenic factors VEGF or MYA1 are inhibited by Tinospora cordifolia hexane fraction (tchf). IOSR Journal of Pharmacy, 2012, 2, 24-30.	0.1	0

#	Article	IF	CITATIONS
2762	MTA1 induced angiogenesis, migration and tumor growth is inhibited by Glycyrrhiza glabra. IOSR Journal of Pharmacy, 2012, 2, 34-43.	0.1	27
2763	Cytostatic in vitro Effects of DTCM-Glutarimide on Bladder Carcinoma Cells. Asian Pacific Journal of Cancer Prevention, 2012, 13, 1957-1962.	0.5	2
2764	Agent-Based Models of Wound Healing. , 2013, , 209-228.		0
2765	In Vivo and In Vitro Properties of Ovarian Cancer Cells. Methods in Molecular Biology, 2013, 1049, 315-321.	0.4	1
2766	In Vitro Models of ACL Injury. , 2013, , 123-137.		0
2767	Stimulation of the Extracellular Matrix Production in Dermal Fibroblasts by Areca catechu Extract. Journal of the Korea Academia-Industrial Cooperation Society, 2013, 14, 1857-1862.	0.0	2
2768	In Vitro Techniques for Studying the Normal Breast and the Use of Cell Lines in Breast Cancer Research., 2014,, 119-150.		0
2769	Application of a Composite Skin Equivalent using Collagen and Acellular Dermal Matrix as the Scaffold in a Mouse Model of Full-thickness Wound. KSBB Journal, 2014, 29, 42-49.	0.1	0
2770	Loss of Malignancy in Mouse Melanoma Cells by Long-Term Impact of Interferon-Beta In Vitro is Associated with N- and VE-Cadherins Suppression without Inhibition of Expression of EMT-Associated Twist and Slug Proteins. Journal of Analytical Oncology, 2014, 3, .	0.1	0
2771	The shRNA-mediated silencing of VEGF-C illustrates its role in proliferation, chemosensitization, tumor colonization, and anchorage independence. Biotechnologia, 2015, 3, 225-233.	0.3	0
2772	Oncology Activity., 2015, , 1-49.		0
2773	Towards reproducible research: From data analysis (in R) to a typeset laboratory notebook (as .pdf) using the text editor Emacs with the 'mp' package. F1000Research, 0, 4, 483.	0.8	2
2775	Oncology Activity., 2016,, 4157-4200.		0
2778	5-Methoxyhydnocarpin shows selective anti-cancer effects and induces apoptosis in THP-1 human leukemia cancer cells via mitochondrial disruption, suppression of cell migration and invasion and cell cycle arrest. Bangladesh Journal of Pharmacology, 2016, 11, 652.	0.1	0
2781	Low Intensity (0.2T) Static Magnetic Field for Dispersing Nucleus Ankyrin G in Human Cultured Glioblastoma Cells. Journal of Neurology & Neurophysiology, 2017, 08, .	0.1	0
2783	In <i>Vitro</i> Effects of the Phytocomplex TrichoTech TM on Human Fibroblasts: Proliferative Potential and Effects on Gene Expression of FGF-7 and FGF-10. Journal of Cosmetics Dermatological Sciences and Applications, 2017, 07, 1-13.	0.1	2
2786	Influence of siRNA Loaded Nanoparticles on the Metastasis and Growth Rate of Cancer Cell Lines. Journal of Advanced Pharmacy Research, 2017, .	0.1	0
2791	Bowhead: Bayesian modelling of cell velocity during concerted cell migration. PLoS Computational Biology, 2018, 14, e1005900.	1.5	1

#	Article	IF	CITATIONS
2792	The relationship between the calcium-sensing receptor and secreted frizzled-related protein in the breast , $2018,02,.$		2
2793	Evaluation of the Wound Healing Potential of Teucrioside. International Journal of Chemistry and Technology, 2018, 2, 16-19.	0.8	8
2794	Regenerative Effects of Wharton's Jelly Stem Cells-Conditioned Medium in UVA-Irradiated Human Dermal Fibroblasts. Malaysian Journal of Medical and Biological Research, 2018, 5, 45-50.	0.2	1
2797	Impact of Wharton Jelly Peptide Đ199 on fibroblast and mesenchyme skin cells functioning. Ukrainian Journal of Dermatology Venerology Cosmetology, 2018, .	0.0	0
2803	KLEMENTİN ESANSİYEL YAĞININ ANTİMİKROBİYAL AKTİVİTESİ İLE NIH-3T3 FİBROBLAST HÌCI VE İN VİTRO YARA İYİLEŎME POTANSİYELİNİN BELİRLENMESİ. Muğla Journal of Science and Tec 143-147.	RELERİÃ :hnoology,:	œZERİNE \$ 2011 8, 4,
2804	Effect of Semi-synthetic Andrographolide Analogue-loaded Polymeric Micelles on HN22 Cell Migration. Walailak Journal of Science and Technology, 2019, 17, 88-95.	0.5	0
2805	In vitro Biochemical Characterization and Anti-cancerous Property of Common Krait Snake Venom. International Journal of Cancer Research, 2018, 15, 29-37.	0.2	0
2806	Antimetastatic Potential of Garcinone E in Human Oral Cancer Cells. Asian Pacific Journal of Cancer Prevention, 2019, 20, 65-72.	0.5	7
2807	Dioscorea villosa Leaf Extract Enhances in vitro Wound Healing and Expression of Extra Cellular Matrix Factors Transforming Growth Factor-Beta 1 and Collagen-1 in L929 Cell Lines. Pharmacognosy Magazine, 2019, 15, 483.	0.3	4
2810	Comparison of the effect of postoperative care agents on human gingival fibroblasts: a preliminary study. European Oral Research, 2019, 53, 67-73.	0.5	2
2812	Wound healing assay of two competing cell types with dry mass measurement., 2019,,.		0
2814	The Effect of Interleukin 38 on Inflammation-induced Corneal Neovascularization. Current Molecular Medicine, 2019, 19, 589-596.	0.6	7
2816	Expression of CREPT is associated with poor prognosis of patients with renal cell carcinoma. Oncology Letters, 2019, 18, 4789-4797.	0.8	4
2817	Investigation of Antioxidant and In Vitro Wound Healing Activity of Fulvic Acid. Journal of the Institute of Science and Technology, 0, , 1316-1326.	0.3	4
2821	Human mesenchymal stem cells conditioned media promotes the wound healing process - An in vitro study. Journal of Stem Cell Therapy and Transplantation, 2019, 3, 028-030.	0.2	3
2822	Recombinant human G-CSF production as a protein based drug candidate for hematology and oncology. International Journal of Chemistry and Technology, 2019, 3, 92-100.	0.8	1
2823	Rosa canina özþtü kullanılarak gümüş nanopartiküllerin biyosentezi ve insan kolon adenokarsinc hücre hattı HT29 üzerindeki anti-kanser ve anti-metastatik aktivitesi. Mehmet Akif Ersoy Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi, 2019, 7, 124-131.	oma 0.3	5
2829	Cellular Migration Assay: An In Vitro Technique to Simulate the Wound Repair Mechanism. Methods in Molecular Biology, 2021, 2193, 77-83.	0.4	4

#	Article	IF	CITATIONS
2830	Safety and Biocompatibility of Mupirocin Nanoparticle-Loaded Hydrogel on Burn Wound in Rat Model. Biological and Pharmaceutical Bulletin, 2021, 44, 1707-1716.	0.6	7
2831	The inhibitory effect of TU-100 on hepatic stellate cell activation in the tumor microenvironment. Oncotarget, 2020, 11, 4593-4604.	0.8	2
2832	Efficacy of An Aqueous Morinda citrifolia Fruit Extract-Phytosome Gel in Treating Oral Inflammatory Ulcer in Rabbit Model. Current Pharmaceutical Biotechnology, 2020, 21, 1699-1710.	0.9	2
2833	Reverted effect of mesenchymal stem cells in glioblastoma treated with agathisflavone and its selective antitumoral effect on cell viability, migration, and differentiation via STAT3. Journal of Cellular Physiology, 2021, 236, 5022-5035.	2.0	3
2834	Bionic receptor for atherosclerosis therapy: Molecularly imprinted polymers mediate unique cholesterol efflux and inhibit inflammation. Chemical Engineering Journal, 2022, 430, 132870.	6.6	8
2835	Dermaseptin B2's Anti-Proliferative Activity and down Regulation of Anti-Proliferative, Angiogenic and Metastatic Genes in Rhabdomyosarcoma RD Cells & Dell	0.3	4
2836	Isolation of Epidermal Keratinocytes from Human Skin: The Scratch-Wound Assay for Assessment of Epidermal Keratinocyte Migration. Methods in Molecular Biology, 2020, 2154, 1-12.	0.4	4
2837	Antineoplastic potential and chemical evaluation of essential oils from leaves and flowers of Tagetes ostenii Hicken. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20191143.	0.3	6
2838	Modified polysaccharides in wound healing. , 2020, , 225-258.		3
2839	Leaf extracts of Campomanesia xanthocarpa positively regulates atherosclerotic-related protein expression. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20191486.	0.3	0
2841	Curcuma zanthorrhiza Extracts Induce G2/M Cell Cycle Arrest and Apoptosis in 4T1 and MCF-7 Human Breast Cancer Cells. , 0, , .		0
2842	Analysis of IFNÎ ³ -Induced Migration of Ovarian Cancer Cells. Methods in Molecular Biology, 2020, 2108, 101-106.	0.4	4
2843	Bioengineering studies of cell migration in wound research. , 2020, , 103-122.		0
2844	Die tumorzellspezifische zytotoxische und mit Viscum album L. synergistische Wirkung einer wÄßsrig-fermentierten Taraxacum-officinale-LZubereitung. Der Merkurstab, 2020, 73, 254-264.	0.0	0
2846	Aggregation of platelets, proliferation of endothelial cells and motility of cancer cells are mediated by the B?1(15)-42 residue of fibrin(ogen). Ukrainian Biochemical Journal, 2020, 92, 72-84.	0.1	1
2848	Human Induced Pluripotent Stem Cell-Derived Vascular Cells: Recent Progress and Future Directions. Journal of Cardiovascular Development and Disease, 2021, 8, 148.	0.8	8
2849	Rapid Bayesian Inference for Expensive Stochastic Models. Journal of Computational and Graphical Statistics, 2022, 31, 512-528.	0.9	10
2850	Anticancer effects of a novel herbal combination as a potential therapeutic candidate against lung cancer. European Journal of Integrative Medicine, 2021, 48, 101401.	0.8	1

#	ARTICLE	IF	CITATIONS
2851	Human Recombinant DNase I (Pulmozyme \hat{A}^{s}) Inhibits Lung Metastases in Murine Metastatic B16 Melanoma Model That Correlates with Restoration of the DNase Activity and the Decrease SINE/LINE and c-Myc Fragments in Blood Cell-Free DNA. International Journal of Molecular Sciences, 2021, 22, 12074.	1.8	5
2856	Paradoxical function for the receptor for advanced glycation end products in mouse models of pulmonary fibrosis. International Journal of Clinical and Experimental Pathology, 2011, 4, 241-54.	0.5	31
2857	Amniotic fluid derived stem cells give rise to neuron-like cells without a further differentiation potential into retina-like cells. American Journal of Stem Cells, 2013, 2, 108-18.	0.4	16
2858	Polyisoprenylated methylated protein methyl esterase overexpression and hyperactivity promotes lung cancer progression. American Journal of Cancer Research, 2014, 4, 116-34.	1.4	10
2859	Protein Z-deficiency is associated with enhanced neointima formation and inflammatory response after vascular injury in mice. International Journal of Clinical and Experimental Pathology, 2014, 7, 6064-71.	0.5	3
2860	Stimulatory and possible antioxidant effects of High Density Green Photons (HDGP) on cellular systems. Journal of Medicine and Life, 2014, 7, 619-22.	0.4	1
2861	Silencing of TMSG1 enhances metastasis capacity by targeting V-ATPase in breast cancer. International Journal of Clinical and Experimental Pathology, 2015, 8, 1312-20.	0.5	3
2862	MiR-26b inhibits hepatocellular carcinoma cell proliferation, migration, and invasion by targeting EphA2. International Journal of Clinical and Experimental Pathology, 2015, 8, 4782-90.	0.5	23
2863	IFN- \hat{I}^2 is a potent inhibitor of insulin and insulin like growth factor stimulated proliferation and migration in human pancreatic cancer cells. American Journal of Cancer Research, 2015, 5, 2035-46.	1.4	3
2864	In-vitro rescue and recovery studies of human melanoma (BLM) cell growth, adhesion and migration functions after treatment with progesterone. International Journal of Clinical and Experimental Medicine, 2015, 8, 12275-85.	1.3	10
2865	Allicin inhibits human renal clear cell carcinoma progression via suppressing HIF pathway. International Journal of Clinical and Experimental Medicine, 2015, 8, 20573-80.	1.3	7
2866	Overexpression of miR-506 inhibits growth of osteosarcoma through Snail2. American Journal of Translational Research (discontinued), 2015, 7, 2716-23.	0.0	17
2867	The regulatory role of hepatoma-derived growth factor as an angiogenic factor in the eye. Molecular Vision, 2016, 22, 374-86.	1.1	7
2868	Effect of MRI tags: SPIO nanoparticles and 19F nanoemulsion on various populations of mouse mesenchymal stem cells. Acta Neurobiologiae Experimentalis, 2015, 75, 144-59.	0.4	17
2869	MicroRNA-26b regulates cancer proliferation migration and cell cycle transition by suppressing TRAF5 in esophageal squamous cell carcinoma. American Journal of Translational Research (discontinued), 2016, 8, 1957-70.	0.0	20
2870	Inhibiting CREPT reduces the proliferation and migration of non-small cell lung cancer cells by down-regulating cell cycle related protein. American Journal of Translational Research (discontinued), 2016, 8, 2097-113.	0.0	17
2871	Genistein Induces Apoptosis and Inhibits Proliferation of HT29 Colon Cancer Cells. International Journal of Molecular and Cellular Medicine, 2016, 5, 178-191.	1.1	40
2872	Benzimidazole analogs as potent hypoxia inducible factor inhibitors: synthesis, biological evaluation, and profiling drug-like properties. Anticancer Research, 2014, 34, 3891-904.	0.5	5

#	Article	IF	CITATIONS
2873	ESM-1 siRNA Knockdown Decreased Migration and Expression of CXCL3 in Prostate Cancer Cells. International Journal of Biomedical Science, 2017, 13, 35-42.	0.5	11
2874	Discoidin domain receptor 1 activity drives an aggressive phenotype in bladder cancer. American Journal of Translational Research (discontinued), 2017, 9, 2500-2507.	0.0	7
2875	Effects and mechanism of microRNA‴218 against lung cancer. Molecular Medicine Reports, 2021, 23, .	1.1	1
2876	Abnormally high HIP1 expression is associated with metastatic behaviors and poor prognosis in ESCC. Oncology Letters, 2021, 21, 79.	0.8	2
2877	Endothelial cell CD36 deficiency prevents normal angiogenesis and vascular repair. American Journal of Translational Research (discontinued), 2020, 12, 7737-7761.	0.0	2
2878	Metformin Reduces Vascular Assembly in High Glucose-Treated Human Microvascular Endothelial Cells in An AMPK-Independent Manner. Cell Journal, 2021, 23, 174-183.	0.2	2
2879	Oxaliplatin inhibits angiogenin proliferative and cell migration effects in prostate cancer cells. Journal of Inorganic Biochemistry, 2022, 226, 111657.	1.5	11
2880	Lecithin-based nanoemulsions of traditional herbal wound healing agents and their effect on human skin cells. European Journal of Pharmaceutics and Biopharmaceutics, 2022, 170, 1-9.	2.0	15
2881	Hepatocellular carcinoma cell line-microenvironment induced cancer-associated phenotype, genotype and functionality in mesenchymal stem cells. Life Sciences, 2022, 288, 120168.	2.0	9
2882	Photodynamic therapy with the dual-mode association of IR780 to PEG-PLA nanocapsules and the effects on human breast cancer cells. Biomedicine and Pharmacotherapy, 2022, 145, 112464.	2.5	12
2883	Role of plasminogen activator inhibitor-1 in oral tongue squamous cell carcinoma: An immunohistochemical and in vitro analysis. Experimental and Molecular Pathology, 2022, 124, 104722.	0.9	2
2884	Anti-Candidal Activity of the Parasitic Plant Orobanche crenata Forssk. Antibiotics, 2021, 10, 1373.	1.5	5
2885	Connexin46 Expression Enhances Cancer Stem Cell and Epithelial-to-Mesenchymal Transition Characteristics of Human Breast Cancer MCF-7 Cells. International Journal of Molecular Sciences, 2021, 22, 12604.	1.8	13
2886	Characterization and Chromatographic Isolation of Platelet Extracellular Vesicles from Human Platelet Lysates for Applications in Neuroregenerative Medicine. ACS Biomaterials Science and Engineering, 2021, 7, 5823-5835.	2.6	17
2887	Natural origin bilayer pullulan-PHBV scaffold for wound healing applications. Materials Science and Engineering C, 2022, 134, 112554.	3.8	10
2888	Serum from Patients with Severe Alcoholic Liver Cirrhosis Inhibits Proliferation and Migration of Human Coronary Artery Smooth Muscle Cells. Journal of Clinical Medicine, 2021, 10, 5471.	1.0	2
2889	Natural Compounds as Target Biomolecules in Cellular Adhesion and Migration: From Biomolecular Stimulation to Label-Free Discovery and Bioactivity-Based Isolation. Biomedicines, 2021, 9, 1781.	1.4	5
2891	Physicochemical and biological properties of new tricalcium silicateâ€based repair material doped with fluoride ions and zirconium oxide as radiopacifier. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2022, 110, 862-870.	1.6	5

#	Article	IF	CITATIONS
2892	Role of alternatively spliced, proâ€survival Protein Kinase C delta VIII (PKCÎ VIII) in ovarian cancer. FASEB BioAdvances, 2022, 4, 235-253.	1.3	1
2894	Oxygenatedâ€bacterialâ€cellulose nanofibers with hydrogel, antimicrobial, and controlled oxygen release properties for rapid wound healing. Journal of Applied Polymer Science, 0, , 51974.	1.3	2
2895	Piperine-Loaded PLGA Nanoparticles as Cancer Drug Carriers. ACS Applied Nano Materials, 2021, 4, 14197-14207.	2.4	14
2896	In vitro dielectrophoresis of HEK cell migration for stimulating chronic wound epithelialization. Electrophoresis, 2021, , .	1.3	3
2898	An Extracellular Matrixâ€Liposome Composite, a Novel Extracellular Matrix Delivery System for Accelerated Tissue Regeneration. Advanced Healthcare Materials, 2021, , 2101599.	3.9	1
2899	Calcium sensing receptor stimulates breast cancer cell migration via the $G\hat{I}^2\hat{I}^3$ -AKT-mTORC2 signaling pathway. Journal of Cell Communication and Signaling, 2022, 16, 239-252.	1.8	7
2900	Treating Leishmaniasis in Amazonia, Part 2: Multi-Target Evaluation of Widely Used Plants to Understand Medicinal Practices. SSRN Electronic Journal, 0, , .	0.4	0
2901	Lightwave-reinforced stem cells with enhanced wound healing efficacy. Journal of Tissue Engineering, 2021, 12, 204173142110670.	2.3	6
2902	Dithiocarbamation of spiro-aziridine oxindoles: a facile access to C3-functionalised 3-thiooxindoles as apoptosis inducing agents. Organic and Biomolecular Chemistry, 2021, 19, 10622-10634.	1.5	10
2903	Wound Healing Effects and Related Mechanisms of Action of Methanol Extracts of <i>Boswellia Sacra</i> and <i>Commiphora Myrrha</i> Oleo-Gum-Resins on Adult Human Dermal Fibroblasts (HDFa). SSRN Electronic Journal, 0, , .	0.4	1
2904	Modified Polyethylene Glycol Encapsulated Iron Oxide Nanoparticles for Accelerated Wound Healing Application. IEEE Nanotechnology Magazine, 2022, 21, 1-5.	1.1	2
2905	Osteogenic Potential of Magnesium (Mg)-Doped Multicomponent Bioactive Glass: In Vitro and In Vivo Animal Studies. Materials, 2022, 15, 318.	1.3	18
2906	Bio inspired growth factor loaded self assembling peptide nano hydrogel for chronic wound healing. International Journal of Biological Macromolecules, 2022, 197, 77-87.	3.6	19
2907	Glutaredoxin 2 promotes SP-1-dependent CSPG4 transcription and migration of wound healing NG2 glia and glioma cells: Enzymatic Taoism. Redox Biology, 2022, 49, 102221.	3.9	6
2908	Calendula flower extract loaded PVA hydrogel sheet for wound management: Optimization, characterization and in-vivo study. Journal of Drug Delivery Science and Technology, 2022, 68, 103035.	1.4	9
2909	Restoration of miRNA-143 Expression Inhibits Growth and Migration of MKN-45 Gastric Cancer Cell Line. Advanced Pharmaceutical Bulletin, 2020, 12, 183-190.	0.6	1
2910	Antibacterial Polymeric Wound Dressing Based On PVA/Graphene Oxide-Nigella Sativa-Arginine. , 2020, , .		5
2911	Effects and mechanism of microRNA‑218 against lung cancer. Molecular Medicine Reports, 2020, 23, 1-1.	1.1	3

#	Article	IF	Citations
2912	The Effect of Photobiomodulation with Red and Near-Infrared Wavelengths on Keratinocyte Cells. , 2020, , .		2
2913	Abnormally high HIP1 expression is associated with metastatic behaviors and poor prognosis in ESCC. Oncology Letters, 2020, 21, 79.	0.8	6
2914	Nanostructured Lipid Carriers Loaded with an Association of Minoxidil and Latanoprost for Targeted Topical Therapy of Alopecia. SSRN Electronic Journal, 0, , .	0.4	0
2915	TAURİN, KAPSAİSİN, MELATONİN VE BETA KAROTENİN MEME KANSERİ HÜCRE HATLARI ÜZERİNDI ANTİPROLİFERATİF, ANTİMİGRASYON VE ANTİOKSİDAN ETKİLERİNİN ARAŞTIRILMASI. Ankara Ur Fakultesi Dergisi, 0, , .	EKİ ni 0e zsitesi	E o zacilik
2916	Angiogenesis-modulating properties of ethanolic extract of Ferula assa-foetida oleo-gum-resin. Indian Journal of Physiology and Pharmacology, 0, 65, 177-187.	0.4	0
2917	Lab-made 3D printed stoppers as high-throughput cell migration screening tool. SLAS Technology, 2022, 27, 39-43.	1.0	4
2918	Axl Is Essential for in-vitro Angiogenesis Induced by Vitreous From Patients With Proliferative Diabetic Retinopathy. Frontiers in Medicine, 2021, 8, 787150.	1.2	5
2919	Identification of a Potent Cytotoxic Pyrazole with Anti-Breast Cancer Activity That Alters Multiple Pathways. Cells, 2022, 11, 254.	1.8	6
2920	NEK2 enhances malignancies of glioblastoma via NIK/NF-κB pathway. Cell Death and Disease, 2022, 13, 58.	2.7	8
2921	Nischarin Deletion Reduces Oxidative Metabolism and Overall ATP: A Study Using a Novel NISCHΔ5-6 Knockout Mouse Model. International Journal of Molecular Sciences, 2022, 23, 1374.	1.8	2
2922	In vitro antitumor activity of dialkylamine-1,4-naphtoquinones on human glioblastoma multiforme cells. New Journal of Chemistry, 0, , .	1.4	1
2923	Therapeutic downregulation of neuronal PAS domain 2 (Npas2) promotes surgical skin wound healing. ELife, 2022, 11 , .	2.8	11
2924	Acacetin inhibits invasion, migration and TGF- \hat{l}^21 -induced EMT of gastric cancer cells through the PI3K/Akt/Snail pathway. BMC Complementary Medicine and Therapies, 2022, 22, 10.	1.2	14
2925	Skin Regenerative Potential of Cupuaçu Seed Extract (Theobroma grandiflorum), a Native Fruit from the Amazon: Development of a Topical Formulation Based on Chitosan-Coated Nanocapsules. Pharmaceutics, 2022, 14, 207.	2.0	7
2926	Molecular changes in adipocyte-derived stem cells during their interplay with cervical cancer cells. Cellular Oncology (Dordrecht), 2022, 45, 85-101.	2.1	6
2927	KIAA0319 influences cilia length, cell migration and mechanical cell–substrate interaction. Scientific Reports, 2022, 12, 722.	1.6	7
2928	Chitosan-Coated-PLGA Nanoparticles Enhance the Antitumor and Antimigration Activity of Stattic – A STAT3 Dimerization Blocker. International Journal of Nanomedicine, 2022, Volume 17, 137-150.	3.3	18
2929	A study of lovastatin and <scp> </scp> -arginine co-loaded PLGA nanomedicine for enhancing nitric oxide production and eNOS expression. Journal of Materials Chemistry B, 2022, 10, 607-624.	2.9	9

#	Article	IF	CITATIONS
2930	Immune-modulating properties of blue light do not influence reepithelization in vitro. Lasers in Medical Science, 2022, , 1.	1.0	1
2931	Role of Biosynthesized Ag-NPs Using Aspergillus niger (MK503444.1) in Antimicrobial, Anti-Cancer and Anti-Angiogenic Activities. Frontiers in Pharmacology, 2021, 12, 812474.	1.6	9
2932	Lupeol synergizes with doxorubicin to induce anti-proliferative and apoptotic effects on breast cancer cells. DARU, Journal of Pharmaceutical Sciences, 2022, 30, 103-115.	0.9	6
2934	Allotransplantation of ascorbic acid-treated fibroblasts improves healing of excisional cutaneous wound in diabetic rats. Acta Histochemica, 2022, 124, 151857.	0.9	3
2935	Long non-coding RNA VIM-AS1 is upregulated in high-grade invasive ductal breast tumors and promotes breast cancer metastasis via inducing EMT. Gene Reports, 2022, 26, 101501.	0.4	1
2936	To improve the angiogenesis of endothelial cells on Ti-Cu alloy by the synergistic effects of Cu ions release and surface nanostructure. Surface and Coatings Technology, 2022, 433, 128116.	2.2	5
2937	Visnagin inhibits cervical cancer cells proliferation through the induction of apoptosis and modulation of PI3K/AKT/mTOR and MAPK signaling pathway. Arabian Journal of Chemistry, 2022, 15, 103684.	2.3	4
2938	Tumor-targeted delivery of honokiol via polysialic acid modified zein nanoparticles prevents breast cancer progression and metastasis. International Journal of Biological Macromolecules, 2022, 203, 280-291.	3.6	13
2939	Production of alginate films containing <i>Hypericum perforatum</i> extract as an antibacterial and antioxidant wound dressing material. Journal of Bioactive and Compatible Polymers, 2022, 37, 134-148.	0.8	8
2940	Effects of 2,2′,4′â€′trihydroxychalcone on the proliferation, metastasis and apoptosis of A549 human lung cancer cells. Oncology Letters, 2022, 23, 116.	0.8	0
2941	A Review Into the Effects of Pamidronic Acid and Zoledronic Acid on the Oral Mucosa in Medication-Related Osteonecrosis of the Jaw. Frontiers in Oral Health, 2021, 2, 822411.	1.2	4
2942	Nanostructured lipid carriers loaded with an association of minoxidil and latanoprost for targeted topical therapy of alopecia. European Journal of Pharmaceutics and Biopharmaceutics, 2022, 172, 78-88.	2.0	15
2943	Treating leishmaniasis in Amazonia, part 2: Multi-target evaluation of widely used plants to understand medicinal practices. Journal of Ethnopharmacology, 2022, 289, 115054.	2.0	3
2944	<i>Porphyromonas gingivalis</i> Gingipains-Mediated Degradation of Plasminogen Activator Inhibitor-1 Leads to Delayed Wound Healing Responses in Human Endothelial Cells. Journal of Innate Immunity, 2022, 14, 306-319.	1.8	8
2945	Naturalistic Glucocorticoid Receptor Activation Programs Key Cell Phenotypes and Functional Epigenomic Patterns in Human Fibroblasts. SSRN Electronic Journal, 0, , .	0.4	0
2946	Survey of In Vitro Model Systems for Investigation of Key Cellular Processes Associated with Atherosclerosis. Methods in Molecular Biology, 2022, 2419, 39-56.	0.4	3
2947	Photocurable silk fibroin-based tissue sealants with enhanced adhesive properties for the treatment of corneal perforations. Journal of Materials Chemistry B, 2022, 10, 2912-2925.	2.9	21
2948	Application of the anthraquinone drug rhein as an axial ligand in bifunctional Pt(<scp>iv</scp>) complexes to obtain antiproliferative agents against human glioblastoma cells. Dalton Transactions, 2022, 51, 6014-6026.	1.6	1

#	Article	IF	CITATIONS
2949	Multi-parametric functional imaging of cell cultures and tissues with a CMOS microelectrode array. Lab on A Chip, 2022, 22, 1286-1296.	3.1	20
2950	Reengineering of cancer cell surface charges can modulate cell migration. Chemical Communications, 2022, 58, 5522-5525.	2.2	5
2951	Exudates of Picea abies, Pinus nigra, and Larix decidua: Chromatographic Comparison and Pro-Migratory Effects on Keratinocytes In Vitro. Plants, 2022, 11, 599.	1.6	8
2952	Low-dose Indonesian Aloe vera Increases Viability and Migration of the Fibroblast: An In Vitro Study. Open Access Macedonian Journal of Medical Sciences, 2022, 10, 256-261.	0.1	0
2953	Abnormal bile acid-microbiota crosstalk promotes the development of hepatocellular carcinoma. Hepatology International, 2022, 16, 396-411.	1.9	13
2954	Investigating the Impact of Optimized Trans-Cinnamic Acid-Loaded PLGA Nanoparticles on Epithelial to Mesenchymal Transition in Breast Cancer. International Journal of Nanomedicine, 2022, Volume 17, 733-750.	3.3	11
2955	A silica-based antioxidant nanoparticle for oral delivery of Camptothecin which reduces intestinal side effects while improving drug efficacy for colon cancer treatment. Acta Biomaterialia, 2022, 143, 459-470.	4.1	11
2956	KDF1 Promoted Proliferation and Metastasis of Epithelial Ovarian Cancer via Wnt/Beta-Catenin Pathway: TCGA-Based Data Mining and Experimental Validation. Frontiers in Genetics, 2022, 13, 808100.	1.1	4
2958	Comparison of Yield, Purity, and Functional Properties of Large-Volume Exosome Isolation Using Ultrafiltration and Polymer-Based Precipitation. Plastic and Reconstructive Surgery, 2022, 149, 638-649.	0.7	7
2960	Modulatory Effects of Biosynthesized Gold Nanoparticles Conjugated with Curcumin and Paclitaxel on Tumorigenesis and Metastatic Pathways—In Vitro and In Vivo Studies. International Journal of Molecular Sciences, 2022, 23, 2150.	1.8	21
2961	TREM2 regulates purinergic receptor-mediated calcium signaling and motility in human iPSC-derived microglia. ELife, 2022, 11 , .	2.8	31
2962	Tethering Carbohydrates to the Vinyliminium Ligand of Antiproliferative Organometallic Diiron Complexes. Organometallics, 2022, 41, 514-526.	1.1	6
2963	Modeling the Role of Cancer-Associated Fibroblasts in Tumor Cell Invasion. Cancers, 2022, 14, 962.	1.7	16
2964	Transient Agarose Spot (TAS) Assay: A New Method to Investigate Cell Migration. International Journal of Molecular Sciences, 2022, 23, 2119.	1.8	4
2965	Legionella pneumophila regulates host cell motility by targeting Phldb2 with a 14-3-3 \hat{I}^{q} -dependent protease effector. ELife, 2022, 11, .	2.8	15
2966	Hypoxia and inflammation conditions differentially affect the expression of tissue transglutaminase spliced variants and functional properties of extravillous trophoblast cells. American Journal of Reproductive Immunology, 2022, , .	1.2	0
2967	Extracellular Regucalcin Suppresses the Growth, Migration, Invasion and Adhesion of Metastatic Human Prostate Cancer Cells. Oncology, 2022, , .	0.9	2
2968	Uremic toxin indoxyl sulfate induces dysfunction of vascular smooth muscle cells via integrin- \hat{l}^21 /ERK signaling pathway. Clinical and Experimental Nephrology, 2022, , 1.	0.7	1

#	Article	IF	CITATIONS
2969	Mesenchymal Stem Cell-Derived Exosomes Loaded with miR-155 Inhibitor Ameliorate Diabetic Wound Healing. Molecular Pharmaceutics, 2022, 19, 1294-1308.	2.3	42
2970	Short-term bioelectric stimulation of collective cell migration in tissues reprograms long-term supracellular dynamics. , 2022, 1, pgac002.		9
2971	Delivery of Targeted Co(III)–DNA Inhibitors of Gli Proteins to Disrupt Hedgehog Signaling. Bioconjugate Chemistry, 2022, , .	1.8	2
2972	Delivery of VEGF and delta-like 4 to synergistically regenerate capillaries and arterioles in ischemic limbs. Acta Biomaterialia, 2022, 143, 295-309.	4.1	6
2973	Role of Betaglycan in TGF- \hat{l}^2 Signaling and Wound Healing in Human Endometriotic Epithelial Cells and in Endometriosis. Biology, 2022, 11, 513.	1.3	5
2974	The marine factor 3,5-dihydroxy-4-methoxybenzyl alcohol suppresses growth, migration and invasion and stimulates death of metastatic human prostate cancer cells: targeting diverse signaling processes. Anti-Cancer Drugs, 2022, 33, 424-436.	0.7	5
2975	Inhibitory Mechanism of Combined Hydroxychavicol With Epigallocatechin-3-Gallate Against Glioma Cancer Cell Lines: A Transcriptomic Analysis. Frontiers in Pharmacology, 2022, 13, 844199.	1.6	2
2976	Genetically engineered FGF1-sericin hydrogel material treats intrauterine adhesion and restores fertility in rat. International Journal of Energy Production and Management, 2022, 9, rbac016.	1.9	4
2977	Endothelial Progenitor Cell-Based in vitro Pre-Endothelialization of Human Cell-Derived Biomimetic Regenerative Matrices for Next-Generation Transcatheter Heart Valves Applications. Frontiers in Bioengineering and Biotechnology, 2022, 10, 867877.	2.0	5
2978	Cooperative Metal Ion Coordination to the Short Selfâ€Assembling Peptide Promotes Hydrogelation and Cellular Proliferation. Macromolecular Bioscience, 2022, 22, e2100462.	2.1	14
2979	Reduction of Metastasis via Epigenetic Modulation in a Murine Model of Metastatic Triple Negative Breast Cancer (TNBC). Cancers, 2022, 14, 1753.	1.7	7
2980	MXeneâ€Enhanced Chitin Composite Sponges with Antibacterial and Hemostatic Activity for Wound Healing. Advanced Healthcare Materials, 2022, 11, e2102367.	3.9	29
2981	Streptococcus pneumoniae Affects Endothelial Cell Migration in Microfluidic Circulation. Frontiers in Microbiology, 2022, 13, 852036.	1.5	1
2982	Circular gap forming device and two-dimensional area calculation for in vitro cell migration study. Cell and Tissue Banking, 2022, , $1.$	0.5	0
2983	Methods for the identification and characterization of extracellular vesicles in cardiovascular studies: from exosomes to microvesicles. Cardiovascular Research, 2023, 119, 45-63.	1.8	44
2984	Anti-angiogenic properties of rapamycin on human retinal pericytes in an in vitro model of neovascular AMD via inhibition of the mTOR pathway. BMC Ophthalmology, 2022, 22, 138.	0.6	5
2985	Nanoscopic characterization of hepatocytes treated with normoxic and hypoxic tumor-derived exosomes. Micron, 2022, 158, 103283.	1.1	1
2986	Overexpression of regucalcin blocks the migration, invasion, and bone metastatic activity of human prostate cancer cells: Crosstalk between cancer cells and bone cells. Prostate, 2022, 82, 1025-1039.	1.2	3

#	ARTICLE	IF	CITATIONS
2987	Cardioprotective effect of extracellular vesicles derived from ticagrelor-pretreated cardiomyocyte on hyperglycemic cardiomyocytes through alleviation of oxidative and endoplasmic reticulum stress. Scientific Reports, 2022, 12, 5651.	1.6	15
2988	Caveolin-1 peptide regulates p53-microRNA-34a feedback in fibrotic lung fibroblasts. IScience, 2022, 25, 104022.	1.9	3
2989	Photobiomodulation Therapy Affects the Elastic Modulus, Cytoskeletal Rearrangement and Migration Capability of Human Osteosarcoma Cells. Lasers in Medical Science, 2022, 37, 2855-2863.	1.0	2
2990	GH Action in Prostate Cancer Cells Promotes Proliferation, Limits Apoptosis, and Regulates Cancer-related Gene Expression. Endocrinology, 2022, 163, .	1.4	5
2991	Enantioselective Cytotoxicity of Chiral Diphosphine Ruthenium(II) Complexes Against Cancer Cells. Chemistry - A European Journal, 2022, , .	1.7	7
2992	A Thromboxane A ₂ Receptor-Driven COX-2–Dependent Feedback Loop That Affects Endothelial Homeostasis and Angiogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2022, 42, 444-461.	1.1	15
2993	Drug-free neutrally charged polypeptide nanoparticles as anticancer agents. Journal of Controlled Release, 2022, 345, 464-474.	4.8	6
2994	Design, synthesis and evaluation of 4,7-disubstituted 8-methoxyquinazoline derivatives as potential cytotoxic agents targeting \hat{l}^2 -catenin/TCF4 signaling pathway. Translational Oncology, 2022, 19, 101395.	1.7	0
2995	Corneal epithelial differentiation of human pluripotent stem cells generates ABCB5+ and $\hat{a}^+Np63\hat{l}_{\pm}$ + cells with limbal cell characteristics and high wound healing capacity. Stem Cell Research and Therapy, 2021, 12, 609.	2.4	8
2997	Establishment of optimal culture media in corneal epithelial wound healing models. Journal of Cellular Biotechnology, 2021, , 1-12.	0.1	0
2998	Anti-Neuroinflammatory Effects of a Semi-Synthetic Isoorientin-Based Glycogen Synthase Kinase-3Î ² Inhibitor in Lipopolysaccharide-Activated Microglial Cells. ACS Chemical Neuroscience, 2022, 13, 43-52.	1.7	3
3000	C3d Elicits Neutrophil Degranulation and Decreases Endothelial Cell Migration, with Implications for Patients with Alpha-1 Antitrypsin Deficiency. Biomedicines, 2021, 9, 1925.	1.4	4
3001	Chloride Intracellular Channel 1 Expression Is Associated With Poor Prognosis of Lung Adenocarcinoma. Anticancer Research, 2022, 42, 271-277.	0.5	5
3002	Combination of Two Kinds of Medicated Microparticles Based on Hyaluronic Acid or Chitosan for a Wound Healing Spray Patch. Pharmaceutics, 2021, 13, 2195.	2.0	9
3003	S16020 pyridocarbazole derivatives display high activity to lung cancer cells. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, .	0.9	0
3004	Identification of the circ_PRKDC/ <scp>miR</scp> â€20aâ€3p/ <scp>RASA1</scp> axis in regulating <scp>HaCaT</scp> keratinocyte migration. Wound Repair and Regeneration, 2022, 30, 282-291.	1.5	4
3005	Congenital iRHOM2 deficiency causes ADAM17 dysfunction and environmentally directed immunodysregulatory disease. Nature Immunology, 2022, 23, 75-85.	7.0	3
3006	Phenotypic Variability in iPSC-Induced Cardiomyocytes and Cardiac Fibroblasts Carrying Diverse LMNA Mutations. Frontiers in Physiology, 2021, 12, 778982.	1.3	7

#	ARTICLE	IF	Citations
3007	Labelâ€Free Cell Migration Assay Using Magnetic Exclusion. Advanced Materials Technologies, 0, , 2101033.	3.0	2
3009	ADAM10 facilitates rapid neural stem cell cycling and proper positioning within the subventricular zone niche via JAMC/RAP1Gap signaling. Neural Regeneration Research, 2022, 17, 2472.	1.6	4
3010	Fluid shear stress influences invasiveness of HeLa cells through the induction of autophagy. Clinical and Experimental Metastasis, 2022, 39, 495-504.	1.7	2
3011	Differences in glucose concentration shows new perspectives in gastric cancer metabolism. Toxicology in Vitro, 2022, 82, 105357.	1.1	2
3012	Functionalized gelatin/strontium hydrogel bearing endothelial progenitor cells for accelerating angiogenesis in wound tissue regeneration., 2022,, 212803.		6
3013	Green Synthesis-Mediated Silver Nanoparticles Based Biocomposite Films for Wound Healing Application. Journal of Inorganic and Organometallic Polymers and Materials, 2022, 32, 2994-3011.	1.9	8
3014	Extracts of Eucalyptus alba Promote Diabetic Wound Healing by Inhibiting α-Glucosidase and Stimulating Cell Proliferation. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-12.	0.5	9
3015	Flexible patch with printable and antibacterial conductive hydrogel electrodes for accelerated wound healing. Biomaterials, 2022, 285, 121479.	5.7	68
3016	The revolution of PDMS microfluidics in cellular biology. Critical Reviews in Biotechnology, 2023, 43, 465-483.	5.1	24
3017	Hydrogen Sulfide Inhibits Bronchial Epithelial Cell Epithelial Mesenchymal Transition Through Regulating Endoplasm Reticulum Stress. Frontiers in Molecular Biosciences, 2022, 9, 828766.	1.6	5
3018	Evaluation of Wound Healing and Antibacterial Potential of Greyia radlkoferi Szyszyl. Ethanolic Leaf Extract. Frontiers in Pharmacology, 2022, 13, 806285.	1.6	1
3019	Topical Nanoemulsion of a Runt-related Transcription Factor 1 Inhibitor for the Treatment of Pathologic Ocular Angiogenesis. Ophthalmology Science, 2022, 2, 100163.	1.0	3
3020	The activity of Aloe arborescens Miller varieties on wound-associated pathogens, wound healing and growth factor production. South African Journal of Botany, 2022, , .	1.2	2
3021	<i>Bauhinia variegata</i> Bark Extract: Assessment of its Anti-proliferative and Apoptotic Activities on A549 and H460 Lung Cancer Cell Lines. Journal of Natural Remedies, 2022, 22, 175.	0.1	0
3022	Topical Application of Premna integrifolia Linn on Skin Wound Injury in Rats Accelerates the Wound Healing Process: Evidence from In Vitro and In Vivo Experimental Models. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-14.	0.5	4
3023	Mupirocin Promotes Wound Healing by Stimulating Growth Factor Production and Proliferation of Human Keratinocytes. Frontiers in Pharmacology, 2022, 13, 862112.	1.6	7
3024	Preparation and Characterization of Platelet Lysate (Pl)-Loaded Electrospun Nanofibers for Epidermal Wound Healing. Journal of Pharmaceutical Sciences, 2022, 111, 2531-2539.	1.6	6
3100	VDAC1 regulates neuronal cell loss after retinal trauma injury by a mitochondria-independent pathway. Cell Death and Disease, 2022, 13, 393.	2.7	6

#	Article	IF	CITATIONS
3101	Evaluation of in vitro anticancer potential of pharmacological ethanolic plant extracts Acacia modesta and Opuntia monocantha against liver cancer cells. Brazilian Journal of Biology, 2022, 84, e252526.	0.4	2
3103	Fabrication of Calcium Sulfate Coated Selenium Nanoparticles and Corresponding Cytotoxicity Effects Against 4T1 Breast Cancer Cell Line Avicenna Journal of Medical Biotechnology, 2021, 13, 201-206.	0.2	0
3104	<i>Paris Polyphylla</i> Sm. From Manipur Inhibits Colorectal Cancer Cells <i>in Vitro</i> and Potentiates the Therapeutic Significance of 5FU and Cisplatin. SSRN Electronic Journal, 0, , .	0.4	0
3105	Free Radical Scavenging, Redox Balance and Wound Healing Activity of Bioactive Peptides Derived from Proteinase K-Assisted Hydrolysis of Hypophthalmichthys molitrix Skin Collagen. Food Technology and Biotechnology, 2022, 60, 281-292.	0.9	5
3106	Push or Pull? Cell Proliferation and Migration During Wound Healing. Frontiers in Systems Biology, 2022, 2, .	0.5	3
3107	Silencing of YAP attenuates pericyteâ€myofibroblast transition and subretinal fibrosis in experimental model of choroidal neovascularization. Cell Biology International, 2022, 46, 1249-1263.	1.4	4
3108	Bidirectional Regulation of Cell Mechanical Motion via a Gold Nanorods-Acoustic Streaming System. ACS Nano, 2022, 16, 8427-8439.	7.3	9
3109	Biofabrication of silver nanoparticles using Praecitrullus fistulosus fruit extract exhibits in vitro antibacterial and anticancer activity. Journal of Drug Delivery Science and Technology, 2022, 72, 103329.	1.4	6
3110	Targeted neutrophil-mimetic liposomes promote cardiac repair by adsorbing proinflammatory cytokines and regulating the immune microenvironment. Journal of Nanobiotechnology, 2022, 20, 218.	4.2	17
3111	Wound Healing Properties of Jasione montana Extracts and Their Main Secondary Metabolites. Frontiers in Pharmacology, 2022, 13, .	1.6	6
3112	Chitosan-Enriched Solution Blow Spun Poly(Ethylene Oxide) Nanofibers with Poly(Dimethylsiloxane) Hydrophobic Outer Layer for Skin Healing and Regeneration. International Journal of Molecular Sciences, 2022, 23, 5135.	1.8	10
3113	Endothelial PRMT5 plays a crucial role in angiogenesis after acute ischemic injury. JCI Insight, 2022, 7, .	2.3	3
3114	Calendula flower extract loaded collagen film exhibits superior wound healing potential: Preparation, evaluation, in-vitro & proparation, evaluation, in-vitro & proparation, evaluation, in-vitro & proparation, evaluation, in-vitro & proparation, evaluation, in-vitro & proparation, evaluation, in-vitro & proparation, evaluation, in-vitro & proparation, evaluation, in-vitro & proparation, evaluation, in-vitro & proparation, evaluation, in-vitro & proparation, evaluation, in-vitro & proparation, evaluation, in-vitro & proparation, evaluation, in-vitro & proparation, evaluation, in-vitro & proparation, evaluation, in-vitro & proparation, evaluation, in-vitro & proparation, evaluation, in-vitro & proparation, evaluation, in-vitro & proparation, evaluation, in-vitro & proparation, evaluation, evaluation, in-vitro & proparation, evaluation,	1.4	5
3115	Photothermal-responsive fiber dressing with enhanced antibacterial activity and cell manipulation towards promoting woundâ€healing. Journal of Colloid and Interface Science, 2022, 623, 21-33.	5.0	22
3116	PATULİNİN KARACİĞER VE AKCİĞER KANSERİ HÜCRE HATLARI ÜZERİNDEKİ İN VİTRO ANTİ Universitesi Eczacilik Fakultesi Dergisi, 0, , .	TÜMÃ-R	: AKTİVİTE
3117	Biocompatible Films of Collagen-Procyanidin for Wound Healing Applications. Applied Biochemistry and Biotechnology, 2022, 194, 4002-4017.	1.4	6
3118	Al-Driven Cell Tracking to Enable High-Throughput Drug Screening Targeting Airway Epithelial Repair for Children with Asthma. Journal of Personalized Medicine, 2022, 12, 809.	1.1	1
3119	Tumor suppressor p53 restrains cancer cell dissemination by modulating mitochondrial dynamics. Oncogenesis, 2022, 11, 26.	2.1	10

#	Article	IF	CITATIONS
3120	Disruption of Toxoplasma gondii-Induced Host Cell DNA Replication Is Dependent on Contact Inhibition and Host Cell Type. MSphere, 2022, 7, e0016022.	1.3	3
3122	Nanosheets Based Approach to Elevate the Proliferative and Differentiation Efficacy of Human Wharton's Jelly Mesenchymal Stem Cells. International Journal of Molecular Sciences, 2022, 23, 5816.	1.8	3
3123	Topical Film-Forming Chlorhexidine Gluconate Sprays for Antiseptic Application. Pharmaceutics, 2022, 14, 1124.	2.0	3
3124	Bioengineered Wound Healing Skin Models: The Role of Immune Response and Endogenous ECM to Fully Replicate the Dynamic of Scar Tissue Formation In Vitro. Bioengineering, 2022, 9, 233.	1.6	7
3125	Therapeutic targeting of prenatal pontine ID1 signaling in diffuse midline glioma. Neuro-Oncology, 2023, 25, 54-67.	0.6	5
3126	Targeting epidermal growth factor receptor in paclitaxel-resistant human breast and lung cancer cells with upregulated glucose-6-phosphate dehydrogenase. British Journal of Cancer, 2022, 127, 661-674.	2.9	12
3127	Characterizing genes associated with cancer using the CRISPR/Cas9 system: A systematic review of genes and methodological approaches. Gene, 2022, 833, 146595.	1.0	7
3128	Assessment of Toxicity and Wound Healing Activity of <i>Selaginella Bryopteris</i> Chemical Toxicology, 2023, 46, 625-633.	1.2	1
3129	Bovine Pancreatic RNase A: An Insight into the Mechanism of Antitumor Activity In Vitro and In Vivo. Pharmaceutics, 2022, 14, 1173.	2.0	0
3130	Enhancing therapeutic efficacy of human adipose-derived stem cells by modulating photoreceptor expression for advanced wound healing. Stem Cell Research and Therapy, 2022, 13, .	2.4	9
3132	Effects of hypericin encapsulated on Pluronic F127 photodynamic therapy against triple negative breast cancer. Asian Pacific Journal of Cancer Prevention, 2022, 23, 1741-1751.	0.5	8
3133	Uric Acid Reacts with Peroxidasin, Decreases Collagen IV Crosslink, Impairs Human Endothelial Cell Migration and Adhesion. Antioxidants, 2022, 11, 1117.	2.2	5
3134	Epigenetic regulation of Fructoseâ€1,6â€bisphosphatase 1 by host transcription factor Speckled 110 <scp>kDa</scp> during hepatitis B virus infection. FEBS Journal, 2022, 289, 6694-6713.	2.2	7
3135	A More Biomimetic Cell Migration Assay with High Reliability and Its Applications. Pharmaceuticals, 2022, 15, 695.	1.7	3
3136	Beyond Genetics: Metastasis as an Adaptive Response in Breast Cancer. International Journal of Molecular Sciences, 2022, 23, 6271.	1.8	9
3137	Zinc improves antibacterial, anti-inflammatory and cell motility activity of chitosan for wound healing applications. International Journal of Biological Macromolecules, 2022, 213, 845-857.	3.6	23
3138	Cationized silica ceria nanocomposites to target biofilms in chronic wounds., 2022, 138, 212939.		2
3140	Mulberrofuran G inhibits proliferation and migration by inactivating JAK2/STAT3 signaling in lung cancer cells. Bangladesh Journal of Pharmacology, 2021, 16, 134-140.	0.1	3

#	Article	IF	CITATIONS
3141	Drug Permeability and Transporter Assessment: Polarized Cell Lines., 2022,, 401-412.		0
3142	The Activity of Combination of Ethanol Extract of Artocarpus lacucha BuchHam and Anredera cordifolia Steenis Leaves to Increase Wound Healing Process on NIH-3T3 Cell Line. Open Access Macedonian Journal of Medical Sciences, 2022, 10, 807-811.	0.1	2
3143	BİYOLOJİK OLARAK SENTEZLENMİŞ GÜMÜŞ NANOPARTİKÜLLERİN SİTOTOKSİSİTESİ VE Y Journal of Science and Technology, 0, , .	ARA İYÄʻ	PLĘÅžTİRME
3144	Peroxiredoxin IV plays a critical role in cancer cell growth and radioresistance through the activation of the Akt/GSK3 signaling pathways. Journal of Biological Chemistry, 2022, 298, 102123.	1.6	8
3145	Retinoic acid inhibits the angiogenesis of human embryonic stem cell-derived endothelial cells by activating FBP1-mediated gluconeogenesis. Stem Cell Research and Therapy, 2022, 13, .	2.4	4
3146	Reliable and efficient parameter estimation using approximate continuum limit descriptions of stochastic models. Journal of Theoretical Biology, 2022, 549, 111201.	0.8	7
3147	CircAHNAK upregulates EIF2B5 expression to inhibit the progression of ovarian cancer by modulating the JAK2/STAT3 signaling pathway. Carcinogenesis, 2022, 43, 941-955.	1.3	3
3148	Investigation of the Reparative and Regenerative Effects of Human Adipose Tissue Mesenchymal Stem Cells on Epidermal Cells Exposed to UVB Ray. Meandros Medical and Dental Journal, 2022, 23, 214-219.	0.1	0
3149	Active RhoA Exerts an Inhibitory Effect on the Homeostasis and Angiogenic Capacity of Human Endothelial Cells. Journal of the American Heart Association, 2022, 11, .	1.6	6
3150	Dysregulated myosin in Hermansky-Pudlak syndrome lung fibroblasts is associated with increased cell motility. Respiratory Research, 2022, 23, .	1.4	2
3151	Dissolving microneedles for long-term storage and transdermal delivery of extracellular vesicles. Biomaterials, 2022, 287, 121644.	5.7	21
3152	Anticancer and Antioxidant Activities of the Root Extract of the Carnivorous Pitcher Plant Sarracenia purpurea. Plants, 2022, 11, 1668.	1.6	8
3153	Ruthenium(II)–Cyclopentadienyl-Derived Complexes as New Emerging Anti-Colorectal Cancer Drugs. Pharmaceutics, 2022, 14, 1293.	2.0	9
3154	Filamentous bacteriophage delays healing of Pseudomonas-infected wounds. Cell Reports Medicine, 2022, 3, 100656.	3.3	13
3155	Evaluation of Melia azedarach extract-loaded poly (vinyl alcohol)/pectin hydrogel for burn wound healing. PLoS ONE, 2022, 17, e0270281.	1.1	4
3156	Cytosolic glutaredoxin 1 is upregulated in AMD and controls retinal pigment epithelial cells proliferation via \hat{I}^2 -catenin. Biochemical and Biophysical Research Communications, 2022, 618, 24-29.	1.0	0

#	Article	IF	CITATIONS
3160	Changes in dynamics of tumor/endothelial cell adhesive interactions depending on endothelial cell growth state and elastic properties. PLoS ONE, 2022, 17, e0269552.	1.1	3
3161	LINC00092 Modulates Oxidative Stress and Glycolysis of Breast Cancer Cells via Pyruvate Carboxylase-Mediated AKT/mTOR Pathway. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-21.	1.9	3
3162	CRISPR interference interrogation of COPD GWAS genes reveals the functional significance of desmoplakin in iPSC-derived alveolar epithelial cells. Science Advances, 2022, 8, .	4.7	6
3163	In silico analysis of Typha domingensis Pers. phytocompounds against wound healing biomarkers and ascertaining through in vitro cell migration assay. 3 Biotech, 2022, 12, .	1.1	2
3164	Graphene Oxide Nanoplatforms to Enhance Cisplatin-Based Drug Delivery in Anticancer Therapy. Nanomaterials, 2022, 12, 2372.	1.9	11
3165	Comparison of three <i>in vitro</i> keratinocytes-fibroblasts wound healing models commonly used in pharmaceutical research. Journal of Pharmacy and Pharmacology, 0, , .	1.2	0
3166	Fucoxanthin Inactivates the PI3K/Akt Signaling Pathway to Mediate Malignant Biological Behaviors of Non-Small Cell Lung Cancer. Nutrition and Cancer, 2022, 74, 3747-3760.	0.9	3
3167	Boric acid exert anti-cancer effect in poorly differentiated hepatocellular carcinoma cells via inhibition of AKT signaling pathway. Journal of Trace Elements in Medicine and Biology, 2022, 73, 127043.	1.5	12
3168	Photobiomodulation Using Different Infrared Light Sources Promotes Muscle Precursor Cells Migration and Proliferation. Photonics, 2022, 9, 469.	0.9	2
3169	Design and synthesis of thiazolidine-2,4-diones hybrids with 1,2-dihydroquinolones and 2-oxindoles as potential VEGFR-2 inhibitors: <i>in-vitro</i> anticancer evaluation and <i>in-silico</i> studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 1903-1917.	2.5	64
3171	Biological Activities and Phytochemicals of Lungworts (Genus Pulmonaria) Focusing on PulmonariaÂofficinalis. Applied Sciences (Switzerland), 2022, 12, 6678.	1.3	1
3172	Novel Synthesis, Reactions, and Biological Study of New Morpholino-Thieno[2,3-c][2,7]Naphthyridines as Anti-Cancer and Anti-Microbial Agents. Russian Journal of Bioorganic Chemistry, 0, , .	0.3	1
3173	Angiogenic Effect of a Nanoniosomal Deferoxamine-Loaded Poly(vinyl alcohol)–Egg White Film as a Promising Wound Dressing. ACS Biomaterials Science and Engineering, 2022, 8, 3485-3497.	2.6	10
3174	Macromolecular crowding transforms regenerative medicine by enabling the accelerated development of functional and truly three-dimensional cell assembled micro tissues. Biomaterials, 2022, 287, 121674.	5.7	6
3175	Peptide-based targeted cancer therapeutics: Design, synthesis and biological evaluation. European Journal of Pharmaceutical Sciences, 2022, 176, 106249.	1.9	2
3176	Structure modifications of 2-phenylquinoline by Aspergillus genera produce novel derivatives with potent leishmanicidal and anti-inflammatory properties. Journal of Molecular Structure, 2022, 1268, 133665.	1.8	0
3178	VEGF-A and FGF4 Engineered C2C12 Myoblasts and Angiogenesis in the Chick Chorioallantoic Membrane. Biomedicines, 2022, 10, 1781.	1.4	1
3179	Temporal imaging of drug dynamics in live cells using stimulated Raman scattering microscopy and a perfusion cell culture system. RSC Chemical Biology, 2022, 3, 1154-1164.	2.0	4

#	Article	IF	CITATIONS
3180	CD147 Promotes Tumorigenesis via Exosome-Mediated Signaling in Rhabdomyosarcoma. Cells, 2022, 11, 2267.	1.8	3
3181	New quinoline and isatin derivatives as apoptotic VEGFR-2 inhibitors: design, synthesis, anti-proliferative activity, docking, ADMET, toxicity, and MD simulation studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 2191-2205.	2.5	35
3182	$AAA \hat{a} \in \text{$\infty$+$} \hat{a} \in \text{∞ATPase Thorase inhibits mTOR signaling through the disassembly of the mTOR complex 1. Nature Communications, 2022, 13, .}$	5.8	2
3183	Cell geometry distinguishes migrationâ€associated heterogeneity in twoâ€dimensional systems. Computational and Systems Oncology, 2022, 2, .	1.1	О
3184	Functional responses of dermal fibroblasts to low nutrition and pro-inflammatory stimuli mimicking a wound environment in vitro. In Vitro Cellular and Developmental Biology - Animal, 0, , .	0.7	0
3185	Chronic stress-driven glucocorticoid receptor activation programs key cell phenotypes and functional epigenomic patterns in human fibroblasts. IScience, 2022, 25, 104960.	1.9	15
3186	Bioassay-Guided extraction of andrographis paniculata for intervention of in-vitro prostate cancer progression in metabolic syndrome environment. DARU, Journal of Pharmaceutical Sciences, 0, , .	0.9	1
3187	Wound healing, fibroblast heterogeneity, and fibrosis. Cell Stem Cell, 2022, 29, 1161-1180.	5.2	116
3188	Bioinspired gelatin based sticky hydrogel for diverse surfaces in burn wound care. Scientific Reports, 2022, 12, .	1.6	12
3189	Bioresponsive inulinâ€azobenzene nanostructures for targeted drug delivery to colon. Journal of Applied Polymer Science, 2022, 139, .	1.3	1
3190	Automated in vivo compound screening with zebrafish and the discovery and validation of PD 81,723 as a novel angiogenesis inhibitor. Scientific Reports, 2022, 12, .	1.6	3
3191	Dose-time and Source-dependent Analysis of Intraoperative Radiotherapy-treated Seroma on Breast Cancer Cell Types: A Pilot Study. International Journal of Cancer Management, 2022, 15, .	0.2	0
3192	Synthesis and Evaluation of New 3,4-Dihydropyrimidin-2-(1 <i>H</i>)-Ones and -Thiones as Anti-Cancer Agents: <i>InâVitro</i> , Molecular Docking and SAR Studies. Polycyclic Aromatic Compounds, 2023, 43, 5840-5859.	1.4	2
3193	Three-dimensional culture models of human endometrium for studying trophoblast-endometrium interaction during implantation. Reproductive Biology and Endocrinology, 2022, 20, .	1.4	8
3194	The Chemerin/CMKLR1 Axis Is Involved in the Recruitment of Microglia to $\hat{A^2}$ Deposition through p38 MAPK Pathway. International Journal of Molecular Sciences, 2022, 23, 9041.	1.8	7
3195	Development of local injectable, bone-targeting nanocarriers of triptolide for treatment of bone-only metastasis. International Journal of Pharmaceutics, 2022, 625, 122092.	2.6	2
3196	Anticancer activity of a novel naringinâ€'dextrin nanoformula: Preparation, characterization, and in vitro induction of apoptosis in human hepatocellular carcinoma cells by inducing ROS generation, DNA fragmentation, and cell cycle arrest. Journal of Drug Delivery Science and Technology, 2022, 75, 103677.	1.4	6
3197	The effects of some natural products compared to synthetic products on the metabolic activity, proliferation, viability, migration, and wound healing in sheep tenocytes. Saudi Journal of Biological Sciences, 2022, 29, 103391.	1.8	3

#	Article	IF	CITATIONS
3198	Investigating wound healing characteristics of gingival and skin keratinocytes in organotypic cultures. Journal of Dentistry, 2022, 125, 104251.	1.7	10
3199	Repurposing clofazimine for malignant pleural mesothelioma treatment — In-vitro assessment of efficacy and mechanism of action. Life Sciences, 2022, 306, 120843.	2.0	2
3200	Biomimetic gasotransmitter-releasing alginate beads for biocompatible antimicrobial therapy. Journal of Colloid and Interface Science, 2022, 628, 911-921.	5.0	5
3203	New fluorobenzamidine exerts antitumor activity against breast cancer in mice via pro-apoptotic activity. Discover Oncology, 2022, 13, .	0.8	0
3204	Rho Kinase Inhibitor Y27632 Improves Recovery After Spinal Cord Injury by Shifting Astrocyte Phenotype and Morphology via the ROCK/NF-κB/C3 Pathway. Neurochemical Research, 2022, 47, 3733-3744.	1.6	8
3205	Healthspan improvement and anti-aggregation effects induced by a marine-derived structural proteasome activator. Redox Biology, 2022, 56, 102462.	3.9	8
3206	Immunoglobulin A promotes IL-6 and IL-8 production, proliferation, and migration by the human bronchial smooth muscle cells. Cellular Immunology, 2022, 381, 104612.	1.4	2
3207	Nano tantalum-coated 3D printed porous polylactic acid/beta-tricalcium phosphate scaffolds with enhanced biological properties for guided bone regeneration. International Journal of Biological Macromolecules, 2022, 221, 371-380.	3.6	8
3208	Segmentation of patchy areas in biomedical images based on local edge density estimation. Biomedical Signal Processing and Control, 2023, 79, 104189.	3.5	2
3209	Microbial metabolite restricts 5-fluorouracil-resistant colonic tumor progression by sensitizing drug transporters via regulation of FOXO3-FOXM1 axis. Theranostics, 2022, 12, 5574-5595.	4.6	16
3210	Doxycycline inhibits the progression of metastases in early-stage osteosarcoma by downregulating the expression of MMPs, VEGF and ezrin at primary sites. Cancer Treatment and Research Communications, 2022, 32, 100617.	0.7	2
3211	Anticancer drug screening of natural products: <i>In vitro</i> cytotoxicity assays, techniques, and challenges. Asian Pacific Journal of Tropical Biomedicine, 2022, 12, 279.	0.5	3
3212	A MATLAB Pipeline for Spatiotemporal Quantification of Monolayer Cell Migration. Learning Materials in Biosciences, 2022, , 175-206.	0.2	2
3213	Simple Approach for Dynamics Evaluation of Scratch Wound Healing Assay. Lecture Notes in Networks and Systems, 2022, , 380-392.	0.5	0
3214	Recent advances in microfluidics-based cell migration research. Lab on A Chip, 2022, 22, 3361-3376.	3.1	14
3215	HnRNPK maintains single strand RNA through controlling double-strand RNA in mammalian cells. Nature Communications, 2022, 13, .	5.8	3
3216	Strontiumâ€loaded hydrogel scaffolds to promote gingival fibroblast function. Journal of Biomedical Materials Research - Part A, 2023, 111, 6-14.	2.1	3
3217	Bioelectric Signaling: Role of Bioelectricity in Directional Cell Migration in Wound Healing. Cold Spring Harbor Perspectives in Biology, 2022, 14, a041236.	2.3	10

#	Article	IF	CITATIONS
3218	The Prostaglandin E2 Receptor EP4 Promotes Vascular Neointimal Hyperplasia through Translational Control of Tenascin C via the cAMP/PKA/mTORC1/rpS6 Pathway. Cells, 2022, 11, 2720.	1.8	4
3219	In Vitro Study of the Potential Role of Olive Oil Oleuropein in Modulating the 5-FU Cytotoxic Efficacy against the Tongue Squamous Cell Carcinoma. Open Access Macedonian Journal of Medical Sciences, 2022, 10, 1347-1354.	0.1	0
3220	Cytotoxic Activities and the Allantoinase Inhibitory Effect of the Leaf Extract of the Carnivorous Pitcher Plant Nepenthes miranda. Plants, 2022, 11, 2265.	1.6	8
3221	An automated high-throughput platform for experimental study of burn injuries - in vitro and ex vivo. Burns, 2022, , .	1.1	0
3222	The motility of breast cancer cells is stimulated by HMGB1/RAGE interaction but the truncated form lacking the C terminus has no effect. BioDiscovery, 0, 24 , .	0.1	0
3223	Molecular docking, synthesis, and biological evaluation of 7-azaindole-derivative (7AID) as novel anti-cancer agent and potent DDX3 inhibitor:â€"an in silico and in vitro approach. , 2022, 39, .		0
3224	Exosomes Released by Corneal Stromal Cells Show Molecular Alterations in Keratoconus Patients and Induce Different Cellular Behavior. Biomedicines, 2022, 10, 2348.	1.4	5
3225	The high mobility group protein HMG20A cooperates with the histone reader PHF14 to modulate $TGF\hat{l}^2$ and Hippo pathways. Nucleic Acids Research, 2022, 50, 9838-9857.	6.5	4
3226	Pisonia Alba Assisted Synthesis of Nanosilver for Wound Healing Activity. Bioinorganic Chemistry and Applications, 2022, 2022, 1-8.	1.8	2
3227	A magnetic antibody-conjugated nano-system for selective delivery of Ca(OH)2 and taxotere in ovarian cancer cells. Communications Biology, 2022, 5, .	2.0	19
3228	Next Generation Optoâ€Jasplakinolides Enable Local Remodeling of Actin Networks**. Angewandte Chemie - International Edition, 2022, 61, .	7.2	4
3229	Effect of Wheat Germ Oil on Wound Healing: An In Vitro Study in Fibroblast Cells. Týrk Fen Ve Sağlık Dergisi, 0, , .	0.0	0
3230	Bioactive Potential: A Pharmacognostic Definition through the Screening of Four Hypericum Species from the Canary Islands. Molecules, 2022, 27, 6101.	1.7	3
3231	Antibacterial and wound healing potential of topical formulation of marine symbiotic Bacillus. Archives of Microbiology, 2022, 204, .	1.0	1
3232	Design, synthesis, anti-proliferative evaluation, docking, and MD simulations studies of new thiazolidine-2,4-diones targeting VEGFR-2 and apoptosis pathway. PLoS ONE, 2022, 17, e0272362.	1.1	28
3234	Next Generation Optoâ€Jasplakinolides Enable Local Remodeling of Actin Networks. Angewandte Chemie, 0, , .	1.6	0
3235	Exploring Amodiaquine's Repurposing Potential in Breast Cancer Treatmentâ€"Assessment of In-Vitro Efficacy & Sciences, 2022, 23, 11455.	1.8	3
3236	Impaired repair properties of endothelial colonyâ€forming cells in patients with granulomatosis with polyangiitis. Journal of Cellular and Molecular Medicine, 0, , .	1.6	3

#	Article	IF	CITATIONS
3237	Antitumoral effect of novel synthetic 8-hydroxy-2-((4-nitrophenyl)thio)naphthalene-1,4-dione (CNN16) via ROS-mediated DNA damage, apoptosis and anti-migratory effect in colon cancer cell line. Toxicology and Applied Pharmacology, 2022, 456, 116256.	1.3	3
3238	A VEGFR targeting peptide-drug conjugate (PDC) suppresses tumor angiogenesis in a TACE model for hepatocellular carcinoma therapy. Cell Death Discovery, 2022, 8, .	2.0	3
3239	Towards a comprehensive approach for characterizing cell activity in bright-field microscopic images. Scientific Reports, 2022, 12, .	1.6	3
3240	Integrin-KCNB1 potassium channel complexes regulate neocortical neuronal development and are implicated in epilepsy. Cell Death and Differentiation, 2023, 30, 687-701.	5.0	4
3241	Structural determination and pro-angiogenic effect of polysaccharide from the pollen of Typha angustifolia L International Journal of Biological Macromolecules, 2022, 222, 2028-2040.	3.6	3
3242	A novel family of small molecule HIF-1 alpha stabilizers for the treatment of diabetic wounds; an integrated <i>in silico </i> , <i>in vitro </i> , and <i>in vivo </i> strategy. RSC Advances, 2022, 12, 31293-31302.	1.7	5
3244	REV-ERB is essential in cardiac fibroblasts homeostasis. Frontiers in Pharmacology, 0, 13, .	1.6	4
3245	Osteopontin promotes infarct repair. Basic Research in Cardiology, 2022, 117, .	2.5	15
3246	Polygodial, a Sesquiterpene Dialdehyde, Activates Apoptotic Signaling in Castration-Resistant Prostate Cancer Cell Lines by Inducing Oxidative Stress. Cancers, 2022, 14, 5260.	1.7	2
3247	High-throughput 3D microvessel-on-a-chip model to study defective angiogenesis in systemic sclerosis. Scientific Reports, 2022, 12, .	1.6	10
3248	Electrospun Aligned PCL/Gelatin Scaffolds Mimicking the Skin ECM for Effective Antimicrobial Wound Dressings. Advanced Fiber Materials, 2023, 5, 235-251.	7.9	35
3249	Structural Prediction and Characterization of Canavalia grandiflora (ConGF) Lectin Complexed with MMP1: Unveiling the Antiglioma Potential of Legume Lectins. Molecules, 2022, 27, 7089.	1.7	3
3250	Assaying Microglia Functions In Vitro. Cells, 2022, 11, 3414.	1.8	6
3251	DMA, a Small Molecule, Increases Median Survival and Reduces Radiation-Induced Xerostomia via the Activation of the ERK1/2 Pathway in Oral Squamous Cell Carcinoma. Cancers, 2022, 14, 4908.	1.7	0
3252	Optimization and multiple in vitro activity potentials of carotenoids from marine Kocuria sp. RAM1. Scientific Reports, 2022, 12, .	1.6	6
3253	Isolation, Anticancer Evaluation, Molecular Docking, Drug likeness and ADMET Studies of Secondary Metabolites from <1>Psoralea corylifolia 1 seeds. ChemistrySelect, 2022, 7, .	0.7	4
3254	Topical delivery of natural extract for accelerated wound healing. Materials Today: Proceedings, 2022, , .	0.9	1
3255	The cancer-testis antigen FBXO39 predicts poor prognosis and is associated with stemness and aggressiveness in glioma. Pathology Research and Practice, 2022, 239, 154168.	1.0	1

#	Article	IF	CITATIONS
3256	In-vitro cell culture model to determine toxic effects of soil Arsenic due to direct dermal exposure. Environmental Technology and Innovation, 2022, 28, 102949.	3.0	1
3257	Mangiferin alleviates hyperglycemia-induced endothelial impairment via Nrf2 signaling pathway. European Journal of Pharmacology, 2022, 936, 175359.	1.7	6
3258	Co-encapsulation of paclitaxel and 5-fluorouracil in folic acid-modified, lipid-encapsulated hollow mesoporous silica nanoparticles for synergistic breast cancer treatment. RSC Advances, 2022, 12, 32534-32551.	1.7	8
3259	Investigation of the effects of isoeugenol-based phenolic compounds on migration and proliferation of HT29 colon cancer cells at cellular and molecular level. Bioorganic Chemistry, 2023, 130, 106230.	2.0	4
3260	Effect of microarchitectural surface of polycaprolactone modified by reactive ion etching on osteogenic differentiation. Applied Surface Science, 2023, 610, 155571.	3.1	2
3261	The <scp>PI3K</scp> inhibitor pictilisib and the multikinase inhibitors pazopanib and sorafenib have an impact on Rac1 level and migration of medulloblastoma in vitro. Journal of Cellular and Molecular Medicine, 0, , .	1.6	4
3262	Non-Muscle MLCK Contributes to Endothelial Cell Hyper-Proliferation through the ERK Pathway as a Mechanism for Vascular Remodeling in Pulmonary Hypertension. International Journal of Molecular Sciences, 2022, 23, 13641.	1.8	2
3263	Spontaneous multi-scale void formation and closure in densifying epithelial and fibroblast monolayers from the sub-confluent state. European Physical Journal E, 2022, 45, .	0.7	0
3264	PRMT3 drives glioblastoma progression by enhancing HIF1A and glycolytic metabolism. Cell Death and Disease, 2022, 13, .	2.7	15
3265	Combined Scattering, Interferometric, and Fluorescence Oblique Illumination for Live Cell Nanoscale Imaging. ACS Photonics, 2022, 9, 3876-3887.	3.2	1
3266	Novel Regioisomeric Analogues of Naphthyl-N-Acylhydrazone Derivatives and Their Anti-Inflammatory Effects. International Journal of Molecular Sciences, 2022, 23, 13562.	1.8	1
3267	Combined toxicity of indirubins with cold physical plasma in skin cancer cells in vitro. Japanese Journal of Applied Physics, 2023, 62, SA1006.	0.8	1
3268	The antineoplastic potential of crotoxin isolated from Crotalus durissus terrificus snake venom on oral squamous cell carcinoma. Toxicon, 2023, 221, 106965.	0.8	3
3269	In vitro biodegradation, cytotoxicity, and biocompatibility of polylactic acid/napier cellulose nanofiber scaffold composites. International Journal of Biological Macromolecules, 2022, 223, 479-489.	3.6	4
3270	SPAD-1, a serine proteinase associated disintegrin from Russell's viper venom disrupts adhesion of MCF7 human breast cancer cells. Toxicon, 2023, 221, 106979.	0.8	2
3271	Biomimetic hybrid scaffold containing niosomal deferoxamine promotes angiogenesis in full-thickness wounds. Materials Today Chemistry, 2023, 27, 101314.	1.7	1
3272	Fibroblast-targeting polymeric nanovehicles to enhance topical wound healing through promotion of PAR-2 receptor-mediated endocytosis. Biomaterials Science, 2023, 11, 450-460.	2.6	1
3273	Overview of wound assay methods extract ethanol leaves soursop (annona muricata) on widr colon cancer cells. Bali Medical Journal, 2021, 10, 1385-1389.	0.1	O

#	Article	IF	CITATIONS
3274	Evaluation of Anti-Inflammatory and Wound Healing Potential of Sodium Glucose Co-Transporter2 (SGLT2) Inhibitors. Research Journal of Pharmacy and Technology, 2022, , 4457-4462.	0.2	2
3275	New chimeric HDAC inhibitors for the treatment of colorectal cancer. Archiv Der Pharmazie, 2023, 356, .	2.1	5
3276	Angiotensin-($1\hat{a}\in$ "9) prevents angiotensin II-induced endothelial apoptosis through CNPY2/PERK pathway. Apoptosis: an International Journal on Programmed Cell Death, 0, , .	2.2	1
3277	The Inhibitory Effects and Cytotoxic Activities of the Stem Extract of Sarracenia purpurea against Melanoma Cells and the SsbA Protein. Plants, 2022, 11, 3164.	1.6	4
3278	<i>Eugenia uniflora L.</i> seed and pulp extracts: phytochemical profile, cytotoxic potential, antitumoral activity, and $\hat{l}\pm$ -amylase and $\hat{l}\pm$ -glucosidase inhibition capacity. Natural Product Research, 0, , 1-6.	1.0	0
3279	Apoptotic, Cytotoxic and Antimigratory Activities of Phenolic Compounds. Journal of Evolutionary Biochemistry and Physiology, 2022, 58, 1819-1833.	0.2	0
3280	Maternally Expressed Gene 3 Negatively Regulated Decorin to Supresse Angiogenesis, Proliferation and Migration of Endothelial Cells. Current Molecular Medicine, 2023, 23, 698-708.	0.6	0
3281	HMGCS2 Mediation of Ketone Levels Affects Sorafenib Treatment Efficacy in Liver Cancer Cells. Molecules, 2022, 27, 8015.	1.7	5
3282	High-Throughput Screening of Toxicants that Modulate Extravillous Trophoblast Migration. Toxicology Letters, 2022, , .	0.4	0
3283	Sesquiterpenoid-rich Java Ginger rhizome extract prompts autophagic cell death in cervical cancer cell SiHa mainly by modulating cellular redox homeostasis. 3 Biotech, 2023, 13, .	1.1	2
3284	Effect of Holoptelea integrifolia (Roxb.) Planch. n-Hexane Extract and Its Bioactive Compounds on Wound Healing and Anti-Inflammatory Activity. Molecules, 2022, 27, 8540.	1.7	1
3285	Effectiveness of topical administration of platelet-rich plasma on the healing of methicillin-resistant Staphylococcus aureus-infected full-thickness wound model. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2023, 77, 416-429.	0.5	5
3286	Structure-based discovery and in vitro validation of inhibitors of chloride intracellular channel 4 protein. Computational and Structural Biotechnology Journal, 2023, 21, 688-701.	1.9	2
3287	In Vitro and In Vivo Characterization Methods for Evaluation of Modern Wound Dressings. Pharmaceutics, 2023, 15, 42.	2.0	13
3288	Hydrogen peroxide induced by nerve injury promotes axon regeneration via connective tissue growth factor. Acta Neuropathologica Communications, 2022, 10 , .	2.4	2
3289	Metabolomics Study of Serum Samples of \hat{l}^2 -YAC Transgenic Mice Treated with Tenofovir Disoproxil Fumarate. International Journal of Molecular Sciences, 2022, 23, 15750.	1.8	1
3290	Experimental Mammalian Cell Culture-Based Assays. , 2023, , 1-61.		1
3291	Bioactive Insulin-Loaded Electrospun Wound Dressings for Localized Drug Delivery and Stimulation of Protein Expression Associated with Wound Healing. Molecular Pharmaceutics, 2023, 20, 241-254.	2.3	7

#	Article	IF	CITATIONS
3292	Goji berry (Lycium barbarum) inhibits the proliferation, adhesion, and migration of oral cancer cells by inhibiting the ERK, AKT, and CyclinD cell signaling pathways: an in-vitro study. F1000Research, 0, 11, 1563.	0.8	0
3293	Exploring Clinacanthus nutans leaf different solvent extracts on antiproliferative effects induced metastasis through apoptosis and cell cycle against MCF-7 human breast cancer cell lines. Future Journal of Pharmaceutical Sciences, 2022, 8, .	1.1	1
3296	IL-1b in the Secretomes of MSCs Seeded on Human Decellularized Allogeneic Bone Promotes Angiogenesis. International Journal of Molecular Sciences, 2022, 23, 15301.	1.8	3
3297	Apple Derived Exosomes Improve Collagen Type I Production and Decrease MMPs during Aging of the Skin through Downregulation of the NF-κB Pathway as Mode of Action. Cells, 2022, 11, 3950.	1.8	13
3298	The Role of Bromodomain and Extraterminal (BET) Proteins in Controlling the Phagocytic Activity of Microglia In Vitro: Relevance to Alzheimer's Disease. International Journal of Molecular Sciences, 2023, 24, 13.	1.8	3
3299	Dissecting the influence of cellular senescence on cell mechanics and extracellular matrix formation in vitro. Aging Cell, 2023, 22, .	3.0	6
3300	DPP4-Truncated CXCL12 Alters CXCR4/ACKR3 Signaling, Osteogenic Cell Differentiation, Migration, and Senescence. ACS Pharmacology and Translational Science, 2023, 6, 22-39.	2.5	0
3301	Propranolol-loaded nanostructured lipid carriers for topical treatment of infantile hemangioma. Journal of Drug Delivery Science and Technology, 2023, 80, 104099.	1.4	1
3302	Phenylbenzohydrazides Obtained from Isatoic Anhydride Present Anti-Inflammatory Activity In Vivo and In Vitro. Biomolecules, 2022, 12, 1901.	1.8	1
3303	The Antioxidant and In Vitro Wound Healing Activity of Cotyledon orbiculata Aqueous Extract and the Synthesized Biogenic Silver Nanoparticles. International Journal of Molecular Sciences, 2022, 23, 16094.	1.8	2
3304	CD70-Targeted Micelles Enhance HIF2α siRNA Delivery and Inhibit Oncogenic Functions in Patient-Derived Clear Cell Renal Carcinoma Cells. Molecules, 2022, 27, 8457.	1.7	4
3305	The lectin DrfL inhibits cell migration, adhesion and triggers autophagy-dependent cell death in glioma cells. Glycoconjugate Journal, 0, , .	1.4	0
3306	Supporting the Wound Healing Processâ€"Curcumin, Resveratrol and Baicalin in In Vitro Wound Healing Studies. Pharmaceuticals, 2023, 16, 82.	1.7	3
3307	Superporous hydrogels based on blends of chitosan and polyvinyl alcohol as a carrier for enhanced gastric delivery of resveratrol. Saudi Pharmaceutical Journal, 2023, 31, 335-347.	1.2	5
3308	Functional properties of individual sub-domains of the fibrin(ogen) αC-domains. BBA Advances, 2023, 3, 100072.	0.7	2
3309	3D printed strontium–zinc-phosphate bioceramic scaffolds with multiple biological functions for bone tissue regeneration. Journal of Materials Chemistry B, 2023, 11, 5469-5482.	2.9	9
3310	Bioelectronic microfluidic wound healing: a platform for investigating direct current stimulation of injured cell collectives. Lab on A Chip, 2023, 23, 1531-1546.	3.1	10
3311	Soluble Eâ€cadherin: A marker of genital epithelial disruption. American Journal of Reproductive Immunology, 2023, 89, .	1.2	1

#	Article	IF	CITATIONS
3312	Healing Effect of Plantago major and Photodynamic Therapy Combination on Skin Wounds. International Journal of Pharmacology, 2023, 19, 64-70.	0.1	0
3313	Lachnochromonin, a fungal metabolite from Lachnum virgineum, inhibits cell growth and promotes apoptosis in tumor cells through JAK/STAT3 signaling. Cellular Signalling, 2023, 106, 110592.	1.7	1
3314	Assessing cell migration in hydrogels: An overview of relevant materials and methods. Materials Today Bio, 2023, 18, 100537.	2.6	8
3315	Rich Diversity & Diversity & Rich Divers	0.0	0
3316	Sodium Propionate Contributes to Tumor Cell Growth Inhibition through PPAR-Î ³ Signaling. Cancers, 2023, 15, 217.	1.7	5
3317	A Novel Ferroptosis Inhibitor UAMC-3203, a Potential Treatment for Corneal Epithelial Wound. Pharmaceutics, 2023, 15, 118.	2.0	3
3318	Nuciferine Ameliorates Nonesterified Fatty Acid-Induced Bovine Mammary Epithelial Cell Lipid Accumulation, Apoptosis, and Impaired Migration via Activating LKB1/AMPK Signaling Pathway. Journal of Agricultural and Food Chemistry, 2023, 71, 443-456.	2.4	3
3322	Effect of metformin alone and in combination with etoposide and epirubicin on proliferation, apoptosis, necrosis, and migration of B-CPAP and SW cells as thyroid cancer cell lines. Research in Pharmaceutical Sciences, 2023, 18, 185.	0.6	3
3323	Anti-Neuroinflammatory Potential of a Nectandra angustifolia (Laurel Amarillo) Ethanolic Extract. Antioxidants, 2023, 12, 232.	2.2	0
3324	The non-selective Rho-kinase inhibitors Y-27632 and Y-33075 decrease contraction but increase migration in murine and human hepatic stellate cells. PLoS ONE, 2023, 18, e0270288.	1.1	3
3325	Experimental Mammalian Cell Culture-Based Assays. , 2023, , 775-836.		0
3327	Synergistic effects of dendrosomal nanocurcumin and oxaliplatin on oncogenic properties of ovarian cancer cell lines by down-expression of MMPs. Biological Research, 2023, 56, .	1.5	5
3329	Bi-allelic TTI1 variants cause an autosomal-recessive neurodevelopmental disorder with microcephaly. American Journal of Human Genetics, 2023, , .	2.6	2
3330	Loss of fatty acid binding protein 3 ameliorates lipopolysaccharide-induced inflammation and endothelial dysfunction. Journal of Biological Chemistry, 2023, 299, 102921.	1.6	3
3331	Estradiol- $17\hat{l}^2$ [E ₂] stimulates wound healing in a 3D in vitro tissue-engineered vaginal wound model. Journal of Tissue Engineering, 2023, 14, 204173142211492.	2.3	0
3332	An Antisense Oligonucleotide-Loaded Blood–Brain Barrier Penetrable Nanoparticle Mediating Recruitment of Endogenous Neural Stem Cells for the Treatment of Parkinson's Disease. ACS Nano, 2023, 17, 4414-4432.	7.3	10
3333	Ethyl Acetate Extract of <i>Colletotrichum gloeosporioides</i> Promotes Cytotoxicity and Apoptosis in Human Breast Cancer Cells. ACS Omega, 2023, 8, 3768-3784.	1.6	11
3335	Therapeutic Potential of Dimethyl Fumarate in Counteract Oral Squamous Cell Carcinoma Progression by Modulating Apoptosis, Oxidative Stress and Epithelial–Mesenchymal Transition. International Journal of Molecular Sciences, 2023, 24, 2777.	1.8	2

#	ARTICLE	IF	Citations
3336	Sema3G activates YAP and promotes VSMCs proliferation and migration via Nrp2/PlexinA1. Cellular Signalling, 2023, 105, 110613.	1.7	2
3337	Blood Inflammatory-like and Lung Resident-like Eosinophils Affect Migration of Airway Smooth Muscle Cells and Their ECM-Related Proliferation in Asthma. International Journal of Molecular Sciences, 2023, 24, 3469.	1.8	1
3338	Gold Nanorods Inhibit Tumor Metastasis by Regulating MMP-9 Activity: Implications for Radiotherapy. ACS Applied Materials & District Regulating MMP-9 Activity: Implications for Radiotherapy.	4.0	1
3339	Goji berry (Lycium barbarum) inhibits the proliferation, adhesion, and migration of oral cancer cells by inhibiting the ERK, AKT, and CyclinD cell signaling pathways: an in-vitro study. F1000Research, 0, 11, 1563.	0.8	O
3340	<scp>miR96</scp> â€and <scp>miR182</scp> â€driven regulation of cytoskeleton results in inhibition of glioblastoma motility. Cytoskeleton, 2023, 80, 367-381.	1.0	1
3341	Vanillin based crosslinked films of CMCh-PVA for wound healing application. Journal of Drug Delivery Science and Technology, 2023, 83, 104400.	1.4	2
3342	MALT1 paracaspase is overexpressed in hepatocellular carcinoma and promotes cancer cell survival and growth. Life Sciences, 2023, 323, 121690.	2.0	4
3343	Antibacterial and hemostatic polyvinyl alcohol/microcrystalline cellulose reinforced sodium alginate breathable dressing containing Euphorbia humifusa extract based on microfluidic spinning technology. International Journal of Biological Macromolecules, 2023, 239, 124167.	3.6	7
3344	Purinergic approach to effective glioma treatment with temozolomide reveals enhanced anti-cancer effects mediated by P2X7 receptor. Cellular Signalling, 2023, 106, 110641.	1.7	1
3345	Facile microwave-assisted synthesis of Dialdehydeâ $^{\hat{1}}$ 2 $^{\hat{a}}$ Cyclodextrin for evaluation of angiogenesis in wound healing. Sustainable Chemistry and Pharmacy, 2023, 33, 101074.	1.6	3
3346	Regenerated silk fibroin and alginate composite hydrogel dressings loaded with curcumin nanoparticles for bacterial-infected wound closure., 2023, 149, 213405.		11
3347	Reusable antimicrobial antibiotic-free dressings obtained by photopolymerization., 2023, 149, 213399.		3
3348	Polysaccharide and ethanol extracts of Anoectochilus formosanus Hayata: Antioxidant, wound-healing, antibacterial, and cytotoxic activities. Heliyon, 2023, 9, e13559.	1.4	3
3349	Lactobacillus delbrueckii subsp. bulgaricus derivatives for 3D printed alginate/hyaluronic acid self-crosslinking hydrogels: Manufacturing and wound healing potential. International Journal of Biological Macromolecules, 2023, 242, 124454.	3.6	5
3350	l-carvone decreases breast cancer cells adhesion, migration, and invasion by suppressing FAK activation. Chemico-Biological Interactions, 2023, 378, 110480.	1.7	5
3352	Anticancer potential of gold nanoparticles (AuNPs) using a battery of <i>in vitro</i> tests. Nanotechnology Reviews, 2022, 11, 3292-3304.	2.6	14
3353	Investigating the Effects of Chordoma Cell-Derived Exosomes on the Tumorigenicity of Nucleus Pulposus Cells. Journal of Neurological Surgery, Part B: Skull Base, 2024, 85, 161-167.	0.4	0
3354	In vitro magnetohydrodynamics system for modulating cell migration. Biomedical Physics and Engineering Express, 2023, 9, 025007.	0.6	1

#	ARTICLE	IF	CITATIONS
3355	Long-term 1,2-dimethylhydrazine triggers pathological remodeling of colon mucosa through repression of sestrin2, nuclear factor (erythroid-derived 2)-like 2, and sirtuin4 stimulating mitochondrial stress and metabolic reprogramming. Naunyn-Schmiedeberg's Archives of Pharmacology, 0, , .	1.4	0
3356	Niosomes nanoparticles as a novel approach in drug delivery enhances anticancer properties of chrysin in human ovarian carcinoma cells (SKOV3): an in vitro study. , 2023, 40, .		3
3357	Al-aided high-throughput profiling of single-cell migration and proliferation on addressable dual-nested microwell arrays. Cell Reports Physical Science, 2023, 4, 101276.	2.8	6
3358	Acceleration of Wound Healing through Amorphous Calcium Carbonate, Stabilized with High-Energy Polyphosphate. Pharmaceutics, 2023, 15, 494.	2.0	3
3359	Goji berry (Lycium barbarum) inhibits the proliferation, adhesion, and migration of oral cancer cells by inhibiting the ERK, AKT, and CyclinD cell signaling pathways: an in-vitro study. F1000Research, 0, 11, 1563.	0.8	0
3360	Wound dressing based on <scp>PVA</scp> nanofiber containing silk fibroin modified with <scp>GO</scp> / <scp>ZnO</scp> nanoparticles for superficial wound healing: In vitro and in vivo evaluations. Biotechnology Progress, 2023, 39, .	1.3	8
3361	A mechanistic evaluation of human beta defensin 2 mediated protection of human skin barrier in vitro. Scientific Reports, 2023 , 13 , .	1.6	0
3362	Nanomicellar Formulations Loaded with Histamine and Paclitaxel as a New Strategy to Improve Chemotherapy for Breast Cancer. International Journal of Molecular Sciences, 2023, 24, 3546.	1.8	5
3364	Modeling lymphangiogenesis: Pairing in vitro and in vivo metrics. Microcirculation, 2023, 30, .	1.0	5
3365	Interaction study with DNA/HSA, anti-topoisomerase IIα, cytotoxicity and in vitro antiproliferative evaluations and molecular docking of indole-thiosemicarbazone compounds. International Journal of Biological Macromolecules, 2023, 234, 123606.	3.6	2
3366	Regulatory effect of sericin protein in inflammatory pathways; A comprehensive review. Pathology Research and Practice, 2023, 243, 154369.	1.0	2
3367	Chorioallantoic Membrane Assay at the Cross-Roads of Adipose-Tissue-Derived Stem Cell Research. Cells, 2023, 12, 592.	1.8	3
3368	Cytotoxic, Antibacterial, and Antioxidant Activities of the Leaf Extract of Sinningia bullata. Plants, 2023, 12, 859.	1.6	2
3369	Antibacterial Aloe vera Based Biocompatible Hydrogel for Use in Dermatological Applications. International Journal of Molecular Sciences, 2023, 24, 3893.	1.8	10
3370	Trends and perspectives on the commercialization of bioactive glasses. Acta Biomaterialia, 2023, 160, 14-31.	4.1	30
3371	Controlled-release of apatinib for targeted inhibition of osteosarcoma by supramolecular nanovalve-modified mesoporous silica. Frontiers in Bioengineering and Biotechnology, 0, 11 , .	2.0	0
3372	Microfluidic Wound-Healing Assay for ECM and Microenvironment Properties on Microglia BV2 Cells Migration. Biosensors, 2023, 13, 290.	2.3	3
3373	Anti-proliferative and immunomodulatory properties of kaffir lime leaves and bioactive compounds on macrophages co-cultured with squamous cell carcinoma. PLoS ONE, 2023, 18, e0281378.	1.1	0

#	Article	IF	CITATIONS
3374	Ascorbate formulation improves healing efficacy in excisional wound mice model through interplay between pro and anti-inflammatory cytokines and angiogenic markers. Cytokine, 2023, 164, 156158.	1.4	1
3375	Mathematical model of mechano-sensing and mechanically induced collective motility of cells on planar elastic substrates. Biomechanics and Modeling in Mechanobiology, 0, , .	1.4	0
3376	Coenzyme Q0 defeats NLRP3-mediated inflammation, EMT/metastasis, and Warburg effects by inhibiting HIF- $1\hat{1}\pm$ expression in human triple-negative breast cancer cells. Archives of Toxicology, 2023, 97, 1047-1068.	1.9	6
3378	Blocking the Hormone Receptors Modulates NLRP3 in LPS-Primed Breast Cancer Cells. International Journal of Molecular Sciences, 2023, 24, 4846.	1.8	0
3379	Intrafibrillar Mineralization and Immunomodulatory for Synergetic Enhancement of Bone Regeneration via Calcium Phosphate Nanocluster Scaffold. Advanced Healthcare Materials, 2023, 12, .	3.9	4
3380	Morpho-Functional Effect of a New Collagen-Based Medical Device on Human Gingival Fibroblasts: An In Vitro Study. Biomedicines, 2023, 11, 786.	1.4	1
3381	Exploring the Phytochemical Profile and Biological Activities of <i>Clerodendrum infortunatum</i> ACS Omega, 2023, 8, 10383-10396.	1.6	1
3382	Rational polyelectrolyte nanoparticles endow preosteoclast-targeted siRNA transfection for anabolic therapy of osteoporosis. Science Advances, 2023, 9, .	4.7	2
3385	\hat{l}^2 -hydroxybutyrate does not influence viability and clonogenicity of A549 lung cancer cells. Acibadem Universitesi Saglik Bilimleri Dergisi, 2023, 14, .	0.0	0
3386	The influence of a synthetic growth hormoneâ€releasing hormone analogue G11 and opioid peptide biphalin on selected fibroblasts parameters relevant to wound healing. Journal of Peptide Science, 0, , .	0.8	0
3387	Fibroblast clearance of damaged tissue following laser ablation in engineered microtissues. APL Bioengineering, 2023, 7, .	3.3	0
3388	<i>Antrodia camphorata</i> and coenzyme <scp>Q₀</scp> , a novel quinone derivative of <i>Antrodia camphorata</i> , impede <scp>HIF</scp> â€1α and epithelialâ€mesenchymal transition/metastasis in human glioblastoma cells. Environmental Toxicology, 2023, 38, 1548-1564.	2.1	3
3389	Chemical Profiling and Therapeutic Evaluation of Standardized Hydroalcoholic Extracts of Terminalia chebula Fruits Collected from Different Locations in Manipur against Colorectal Cancer. Molecules, 2023, 28, 2901.	1.7	2
3390	Cellular Localization of Selected Porphyrins and Their Effect on the In Vitro Motility of Human Colon Tumors and Normal Cells. Molecules, 2023, 28, 2907.	1.7	0
3391	CRISPR-Cas9 editing of TLR4 to improve the outcome of cardiac cell therapy. Scientific Reports, 2023, 13,	1.6	2
3392	Paris polyphylla Sm. Induces Reactive Oxygen Species and Caspase 3-Mediated Apoptosis in Colorectal Cancer Cells In Vitro and Potentiates the Therapeutic Significance of Fluorouracil and Cisplatin. Plants, 2023, 12, 1446.	1.6	4
3393	Tumor Microenvironmental Cytokines Drive NSCLC Cell Aggressiveness and Drug-Resistance via YAP-Mediated Autophagy. Cells, 2023, 12, 1048.	1.8	3
3394	Human In Vitro Skin Models for Wound Healing and Wound Healing Disorders. Biomedicines, 2023, 11, 1056.	1.4	11

#	Article	IF	CITATIONS
3395	Anti-cancer effect of <i>Cissus quadrangularis</i> on human glioblastoma cells. , 2023, 2, .		1
3397	Platinum Engineering on Nanoceria Surface toward High Catalytic Activity for Inducing Tumor Cell Apoptosis and Inhibiting Migration. ACS Sustainable Chemistry and Engineering, 2023, 11, 6163-6172.	3.2	1
3398	Iron oxide-silver-curcumin nanocomposite acts against HPV16 positive cervical cancer cell siha by triggering crosstalk between autophagy and apoptosis primarily via breach in cellular redox equilibrium. Process Biochemistry, 2023, 130, 174-190.	1.8	0
3399	Inflammatory Cells Can Alter the Levels of H3K9ac and Î ³ H2AX in Dysplastic Cells and Favor Tumor Phenotype. Journal of Personalized Medicine, 2023, 13, 662.	1.1	1
3400	Smart hydrogels based on semiâ€interpenetrating polymeric networks of collagenâ€polyurethaneâ€alginate for soft/hard tissue healing, drug delivery devices, and anticancer therapies. Biopolymers, 2023, 114, .	1.2	2
3401	Chronic Wound Healing Models. ACS Pharmacology and Translational Science, 2023, 6, 783-801.	2.5	7
3402	An investigation of the in vitro wound healing potential of Mitragyna speciosa (Korth.) Havil leaf ultrasound-assisted methanol crude extract and fractions. Biocatalysis and Agricultural Biotechnology, 2023, , 102707.	1.5	0
3403	Wound healing potential of Narcissus pseudonarcissus L. bulbs supported with chemical and molecular docking investigations. South African Journal of Botany, 2023, 157, 490-501.	1.2	2
3443	Cancer Cell Culture: The Basics and Two-Dimensional Cultures. Methods in Molecular Biology, 2023, , 3-40.	0.4	2
3450	BCAnalyzer: A Semi-automated Tool forÂtheÂRapid Quantification ofÂCell Monolayer fromÂMicroscopic Images inÂScratch Assay. Lecture Notes in Computer Science, 2023, , 256-269.	1.0	0
3486	Characterization of the Biological Response to Scaffolds. Pancreatic Islet Biology, 2023, , 317-330.	0.1	0
3500	Reprograming cancer cells by a BODIPY G-quadruplex stabiliser. Chemical Communications, 2023, 59, 12447-12450.	2.2	0
3522	Trinuclear rhenium(<scp>i</scp>)-based metallocages as anticancer agents towards human cervical cancer cells. Dalton Transactions, 2023, 52, 14314-14318.	1.6	0
3523	Screening methods of anticancer agents from natural source. Advances in Botanical Research, 2023, , .	0.5	0
3536	Investigation of Codonopsis Javanica Root Extract on Open Wound Model: In Vitro and In Vivo Studies. IFMBE Proceedings, 2024, , 219-230.	0.2	0
3561	A Three-Dimensional Trophoblast Invasion Microfluidic Platform for Toxicological Screening. Methods in Molecular Biology, 2024, , 223-234.	0.4	0
3576	Towards a Continuous Production of Human Mesenchymal Stromal Cells in a Chemically Defined Medium: Opportunities and Challenges for a Robust and Scalable Expansion Process. Cell Engineering, 2023, , 379-427.	0.4	0
3626	The Development of Artificial Saliva with Oral Wound Healing Property. Advances in Science and Technology, 0, , .	0.2	0

Article IF Citations