Alan Wells

List of Publications by Year
in descending order

292 papers	18,470 citations	10986 71 h-index	17105 122 g-index
308 all docs	308 docs citations	308 times ranked	21475 citing authors

#	Article	IF	Citations
1	Migration of tumor cells in 3D matrices is governed by matrix stiffness along with cell-matrix adhesion and proteolysis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10889-10894.	7.1	1,029
2	EGF receptor. International Journal of Biochemistry and Cell Biology, 1999, 31, 637-643.	2.8	882
3	Localized Biphasic Changes in Phosphatidylinositol-4,5-Bisphosphate at Sites of Phagocytosis. Journal of Cell Biology, 2000, 151, 1353-1368.	5.2	489
4	Cutting to the chase: calpain proteases in cell motility. Trends in Cell Biology, 2002, 12, 46-54.	7.9	350
5	Breast carcinoma cells re-express E-cadherin during mesenchymal to epithelial reverting transition. Molecular Cancer, 2010, 9, 179.	19.2	334
6	E-cadherin as an indicator of mesenchymal to epithelial reverting transitions during the metastatic seeding of disseminated carcinomas. Clinical and Experimental Metastasis, 2008, 25, 621-628.	3.3	314
7	Epidermal growth factor receptor-mediated cell motility: phospholipase C activity is required, but mitogen-activated protein kinase activity is not sufficient for induced cell movement.. Journal of Cell Biology, 1994, 127, 847-857.	5.2	307
8	Mesenchymalâ€"epithelial transition (MET) as a mechanism for metastatic colonisation in breast cancer. Cancer and Metastasis Reviews, 2012, 31, 469-478.	5.9	285
9	Tumor Invasion: Role of Growth Factor-Induced Cell Motility. Advances in Cancer Research, 1999, 78, 31-101.	5.0	277
10	Tethered Epidermal Growth Factor Provides a Survival Advantage to Mesenchymal Stem Cells. Stem Cells, 2007, 25, 1241-1251.	3.2	258
11	Epidermal growth factor (EGF)-like repeats of human tenascin-C as ligands for EGF receptor. Journal of Cell Biology, 2001, 154, 459-468.	5.2	255
12	Epidermal Growth Factor Activates m-Calpain (Calpain II), at Least in Part, by Extracellular Signal-Regulated Kinase-Mediated Phosphorylation. Molecular and Cellular Biology, 2004, 24, 2499-2512.	2.3	250
13	Epidermal Growth Factor as a Candidate for Ex Vivo Expansion of Bone Marrowâ€"Derived Mesenchymal Stem Cells. Stem Cells, 2006, 24, 686-695.	3.2	245
14	Epidermal Growth Factor Receptor Activation of Calpain Is Required for Fibroblast Motility and Occurs via an ERK/MAP Kinase Signaling Pathway. Journal of Biological Chemistry, 2000, 275, 2390-2398.	3.4	240
15	Growth factor regulation of proliferation and survival of multipotential stromal cells. Stem Cell Research and Therapy, 2010, 1, 32.	5.5	237
16	Epidermal Growth Factor and Membrane Trafficking. Journal of Cell Biology, 2000, 151, 539-550.	5.2	218
17	EGF receptor regulation of cell motility: EGF induces disassembly of focal adhesions independently of the motility-associated PLCÎ³ signaling pathway. Journal of Cell Science, 1998, 111, 615-624.	2.0	210
18	IP-10 Blocks Vascular Endothelial Growth Factor-Induced Endothelial Cell Motility and Tube Formation via Inhibition of Calpain. Circulation Research, 2006, 98, 617-625.	4.5	192

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19	Membrane Proximal ERK Signaling Is Required for M-calpain Activation Downstream of Epidermal Growth Factor Receptor Signaling. Journal of Biological Chemistry, 2001, 276, 23341-23348.	3.4	186
20	Targeting tumor cell motility as a strategy against invasion and metastasis. Trends in Pharmacological Sciences, 2013, 34, 283-289.	8.7	171
21	Liver â€˜organ on a chipâ€™. Experimental Cell Research, 2018, 363, 15-25.	2.6	165
22	Activation of m-Calpain (Calpain II) by Epidermal Growth Factor Is Limited by Protein Kinase A Phosphorylation of m-Calpain. Molecular and Cellular Biology, 2002, 22, 2716-2727.	2.3	162
23	Erythropoietin-mediated activation of JAK-STAT signaling contributes to cellular invasion in head and neck squamous cell carcinoma. Oncogene, 2005, 24, 4442-4449.	5.9	157
24	Extracellular matrix signaling through growth factor receptors during wound healing. Wound Repair and Regeneration, 2004, 12, 262-268.	3.0	155
25	Tumor invasion as dysregulated cell motility. Seminars in Cancer Biology, 2001, 11, 105-117.	9.6	153
26	Biophysical Integration of Effects of Epidermal Growth Factor and Fibronectin on Fibroblast Migration. Biophysical Journal, 1999, 76, 2814-2823.	0.5	146
27	STAT Activation by Epidermal Growth Factor (EGF) and Amphiregulin. Journal of Biological Chemistry, 1996, 271, 9185-9188.	3.4	139
28	Partial Mesenchymal to Epithelial Reverting Transition in Breast and Prostate Cancer Metastases. Cancer Microenvironment, 2012, 5, 19-28.	3.1	139
29	Signalling shortcuts: cell-surface receptors in the nucleus?. Nature Reviews Molecular Cell Biology, 2002, 3, 697-702.	37.0	137
30	Internalized Epidermal Growth Factor Receptors Participate in the Activation of p21 in Fibroblasts. Journal of Biological Chemistry, 1999, 274, 34350-34360.	3.4	134
31	IP-10 induces dissociation of newly formed blood vessels. Journal of Cell Science, 2009, 122, 2064-2077.	2.0	130
32	Statin drugs to reduce breast cancer recurrence and mortality. Breast Cancer Research, 2018, 20, 144.	5.0	130
33	Ip-10 Inhibits Epidermal Growth Factorâ€“Induced Motility by Decreasing Epidermal Growth Factor Receptorâ€“Mediated Calpain Activity. Journal of Cell Biology, 1999, 146, 243-254.	5.2	127
34	Epidermal Growth Factor Induces Fibroblast Contractility and Motility via a Protein Kinase C Î´-dependent Pathway. Journal of Biological Chemistry, 2004, 279, 14551-14560.	3.4	127
35	Growth Factor-Induced Cell Motility in Tumor Invasion. Acta OncolÃ³gica, 2002, 41, 124-130.	1.8	126
36	Skin Wound Healing and Scarring: Fetal Wounds and Regenerative Restitution. Birth Defects Research Part C: Embryo Today Reviews, 2012, 96, 325-333.	3.6	122

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37	EGF receptor signaling enhances in vivo invasiveness of DU-145 human prostate carcinoma cells. Clinical and Experimental Metastasis, 1996, 14, 409-418.	3.3	117
38	Co-culturing human prostate carcinoma cells with hepatocytes leads to increased expression of E-cadherin. British Journal of Cancer, 2007, 96, 1246-1252.	6.4	117
39	Localization of epidermal growth factor receptor in hepatocyte nuclei. Hepatology, 1991, 13, 15-20.	7.3	116
40	Human mesenchymal stem cells/multipotent stromal cells consume accumulated autophagosomes early in differentiation. Stem Cell Research and Therapy, 2014, 5, 140.	5.5	115
41	Differential Antibody Response to mRNA COVID-19 Vaccines in Healthy Subjects. Microbiology Spectrum, 2021, 9, e0034121.	3.0	114
42	Epidermal Growth Factor (EGF) Treatment on Multipotential Stromal Cells (MSCs). Possible Enhancement of Therapeutic Potential of MSC. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-10.	3.0	113
43	Altered CXCR3 isoform expression regulates prostate cancer cell migration and invasion. Molecular Cancer, 2012, 11, 3.	19.2	113
44	Statin-induced mevalonate pathway inhibition attenuates the growth of mesenchymal-like cancer cells that lack functional E-cadherin mediated cell cohesion. Scientific Reports, 2014, 4, 7593.	3.3	112
45	Phospholipase C-gamma1 in tumor progression. Clinical and Experimental Metastasis, 2003, 20, 285-290.	3.3	110
46	Aging Fibroblasts Present Reduced Epidermal Growth Factor (EGF) Responsiveness Due to Preferential Loss of EGF Receptors. Journal of Biological Chemistry, 2000, 275, 19343-19351.	3.4	107
47	Spatial Localization of m-Calpain to the Plasma Membrane by Phosphoinositide Biphosphate Binding during Epidermal Growth Factor Receptor-Mediated Activation. Molecular and Cellular Biology, 2006, 26, 5481-5496.	2.3	105
48	Skin tissue repair: Matrix microenvironmental influences. Matrix Biology, 2016, 49, 25-36.	3.6	105
49	Effect of Epidermal Growth Factor Receptor Internalization on Regulation of the Phospholipase C-Î³1 Signaling Pathway. Journal of Biological Chemistry, 1999, 274, 8958-8965.	3.4	104
50	Hyaluronan Facilitates Transforming Growth Factor-Î²1-dependent Proliferation via CD44 and Epidermal Growth Factor Receptor Interaction. Journal of Biological Chemistry, 2011, 286, 17618-17630.	3.4	103
51	In vitro invasiveness of DU-145 human prostate carcinoma cells is modulated by EGF receptor-mediated signals. Clinical and Experimental Metastasis, 1995, 13, 407-419.	3.3	101
52	Profilin-1 is a negative regulator of mammary carcinoma aggressiveness. British Journal of Cancer, 2007, 97, 1361-1371.	6.4	99
53	Suboptimal Response to Coronavirus Disease 2019 Messenger RNA Vaccines in Patients With Hematologic Malignancies: A Need for Vigilance in the Postmasking Era. Open Forum Infectious Diseases, 2021, 8, ofab353.	0.9	99
54	The effect of multifunctional polymer-based gels on wound healing in full thickness bacteria-contaminated mouse skin wound models. Biomaterials, 2007, 28, 3977-3986.	11.4	98

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55	Engineering epidermal growth factor for enhanced mitogenic potency. Nature Biotechnology, 1996, 14, 1696-1699.	17.5	97
56	Delayed and Deficient Dermal Maturation in Mice Lacking the CXCR3 ELR-Negative CXC Chemokine Receptor. American Journal of Pathology, 2007, 171, 484-495.	3.8	97
57	Differentiation of Bone Marrow Mesenchymal Stem Cells into the Smooth Muscle Lineage by Blocking ERK/MAPK Signaling Pathway. Stem Cells and Development, 2008, 17, 897-908.	2.1	91
58	Chemokine receptor 7 activates phosphoinositide-3 kinase-mediated invasive and prosurvival pathways in head and neck cancer cells independent of EGFR. Oncogene, 2005, 24, 5897-5904.	5.9	90
59	2D protrusion but not motility predicts growth factorâ€“induced cancer cell migration in 3D collagen. Journal of Cell Biology, 2012, 197, 721-729.	5.2	90
60	Calpain-2 as a target for limiting prostate cancer invasion. Cancer Research, 2003, 63, 4632-40.	0.9	89
61	Epidermal Growth Factorâ€“induced Enhancement of Glioblastoma Cell Migration in 3D Arises from an Intrinsic Increase in Speed But an Extrinsic Matrix- and Proteolysis-dependent Increase in Persistence. Molecular Biology of the Cell, 2008, 19, 4249-4259.	2.1	88
62	Calpains as potential anti-cancer targets. Expert Opinion on Therapeutic Targets, 2011, 15, 309-323.	3.4	88
63	Epidermal growth factor receptor-mediated motility in fibroblasts. , 1998, 43, 395-411.		87
64	Profilin1 regulates PI(3,4)P ₂ and lamellipodin accumulation at the leading edge thus influencing motility of MDA-MB-231 cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21547-21552.	7.1	86
65	Epidermal growth factor receptor-stimulated activation of phospholipase Cgamma-1 promotes invasion of head and neck squamous cell carcinoma. Cancer Research, 2003, 63, 5629-35.	0.9	83
66	EGF-receptor-mediated mammary epithelial cell migration is driven by sustained ERK signaling from autocrine stimulation. Journal of Cell Science, 2007, 120, 3688-3699.	2.0	82
67	Shaping up for shipping out: PLC? signaling of morphology changes in EGF-stimulated fibroblast migration. Cytoskeleton, 1999, 44, 227-233.	4.4	81
68	Hepatocyte induced re-expression of E-cadherin in breast and prostate cancer cells increases chemoresistance. Clinical and Experimental Metastasis, 2012, 29, 39-50.	3.3	77
69	Liver metastases: Microenvironments and<i>ex-vivo</i>models. Experimental Biology and Medicine, 2016, 241, 1639-1652.	2.4	77
70	Pericytes: A newly recognized player in wound healing. Wound Repair and Regeneration, 2016, 24, 204-214.	3.0	77
71	The Dormancy Dilemma: Quiescence versus Balanced Proliferation. Cancer Research, 2013, 73, 3811-3816.	0.9	76
72	Spontaneous dormancy of metastatic breast cancer cells in an all human liver microphysiologic system. British Journal of Cancer, 2014, 111, 2342-2350.	6.4	76

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73	Interferon-Inducible Protein 9 (CXCL11)-Induced Cell Motility in Keratinocytes Requires Calcium Flux-Dependent Activation of Î¼-Calpain. Molecular and Cellular Biology, 2005, 25, 1922-1941.	2.3	75
74	Loss of profilinâ€1 expression enhances breast cancer cell motility by Ena/VASP proteins. Journal of Cellular Physiology, 2009, 219, 354-364.	4.1	75
75	m-calpain Activation Is Regulated by Its Membrane Localization and by Its Binding to Phosphatidylinositol 4,5-Bisphosphate*. Journal of Biological Chemistry, 2010, 285, 33549-33566.	3.4	75
76	Lipophilic statins limit cancer cell growth and survival, via involvement of Akt signaling. PLoS ONE, 2018, 13, e0197422.	2.5	75
77	Calpain Proteases in Cell Adhesion and Motility. International Review of Cytology, 2005, 245, 1-16.	6.2	74
78	Novel Threeâ€Dimensional Organotypic Liver Bioreactor to Directly Visualize Early Events in Metastatic Progression. Advances in Cancer Research, 2007, 97, 225-246.	5.0	74
79	Epithelial and mesenchymal phenotypic switchings modulate cell motility in metastasis. Frontiers in Bioscience - Landmark, 2011, 16, 815.	3.0	71
80	An IP-10 (CXCL10)-Derived Peptide Inhibits Angiogenesis. PLoS ONE, 2012, 7, e40812.	2.5	71
81	Cell surface restriction of EGFR by a tenascin cytotactinâ€encoded EGFâ€like repeat is preferential for motilityâ€related signaling. Journal of Cellular Physiology, 2008, 214, 504-512.	4.1	70
82	Î±-Actinin-4 Is Essential for Maintaining the Spreading, Motility and Contractility of Fibroblasts. PLoS ONE, 2010, 5, e13921.	2.5	70
83	Lack of CXC Chemokine Receptor 3 Signaling Leads to Hypertrophic and Hypercellular Scarring. American Journal of Pathology, 2010, 176, 1743-1755.	3.8	67
84	A liver microphysiological system of tumor cell dormancy and inflammatory responsiveness is affected by scaffold properties. Lab on A Chip, 2017, 17, 156-168.	6.0	67
85	Aging Fibroblasts Resist Phenotypic Maturation Because of Impaired Hyaluronan-Dependent CD44/Epidermal Growth Factor Receptor Signaling. American Journal of Pathology, 2010, 176, 1215-1228.	3.8	66
86	Mesenchymal stem cells/multipotent stromal cells (MSCs) are glycolytic and thus glucose is a limiting factor of in vitro models of MSC starvation. Stem Cell Research and Therapy, 2016, 7, 179.	5.5	66
87	Phosphatidylinositol-4-phosphate 5-Kinase-1Î² Is Essential for Epidermal Growth Factor Receptor-mediated Endocytosis. Journal of Biological Chemistry, 2001, 276, 47212-47216.	3.4	65
88	Phosphorylation of Î±-Actinin 4 upon Epidermal Growth Factor Exposure Regulates Its Interaction with Actin. Journal of Biological Chemistry, 2010, 285, 2591-2600.	3.4	65
89	Prospective Evaluation of Coronavirus Disease 2019 (COVID-19) Vaccine Responses Across a Broad Spectrum of Immunocompromising Conditions: the COVID-19 Vaccination in the Immunocompromised Study (COVICS). Clinical Infectious Diseases, 2022, 75, e630-e644.	5.8	65
90	Sustained epidermal growth factor receptor levels and activation by tethered ligand binding enhances osteogenic differentiation of multiâ€potent marrow stromal cells. Journal of Cellular Physiology, 2009, 221, 306-317.	4.1	64

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91	Statins attenuate outgrowth of breast cancer metastases. British Journal of Cancer, 2018, 119, 1094-1105.	6.4	64
92	Parsing ERK Activation Reveals Quantitatively Equivalent Contributions from Epidermal Growth Factor Receptor and HER2 in Human Mammary Epithelial Cells. Journal of Biological Chemistry, 2005, 280, 6157-6169.	3.4	63
93	Pericyte Regulation of Vascular Remodeling Through the CXC Receptor 3. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2818-2829.	2.4	63
94	Inhibition of Phospholipase C-Î³1 Activation Blocks Glioma Cell Motility and Invasion of Fetal Rat Brain Aggregates. Neurosurgery, 1999, 44, 568-577.	1.1	62
95	Antimicrobial activities of silver used as a polymerization catalyst for a wound-healing matrix. Biomaterials, 2006, 27, 4304-4314.	11.4	61
96	Delayed reepithelialization and basement membrane regeneration after wounding in mice lacking CXCR3. Wound Repair and Regeneration, 2009, 17, 34-41.	3.0	60
97	Gene expression patterns in isolated keloid fibroblasts. Wound Repair and Regeneration, 2006, 14, 463-470.	3.0	59
98	Macrophage phenotypic subtypes diametrically regulate epithelial-mesenchymal plasticity in breast cancer cells. BMC Cancer, 2016, 16, 419.	2.6	59
99	Inflammatory cytokine IL-8/CXCL8 promotes tumour escape from hepatocyte-induced dormancy. British Journal of Cancer, 2018, 118, 566-576.	6.4	59
100	Receptor-mediated effects on ligand availability influence relative mitogenic potencies of epidermal growth factor and transforming growth factor Î±. , 1996, 166, 512-522.		58
101	Tenascin cytotactin epidermal growth factor-like repeat binds epidermal growth factor receptor with low affinity. Journal of Cellular Physiology, 2007, 211, 748-758.	4.1	58
102	Nuclear Kaiso Indicates Aggressive Prostate Cancers and Promotes Migration and Invasiveness of Prostate Cancer Cells. American Journal of Pathology, 2012, 181, 1836-1846.	3.8	58
103	Modeling of signal-response cascades using decision tree analysis. Bioinformatics, 2005, 21, 2027-2035.	4.1	57
104	Epidermal Growth Factor (EGF) Receptor Kinase-independent Signaling by EGF. Journal of Biological Chemistry, 2001, 276, 15554-15560.	3.4	56
105	Curriculum Content and Evaluation of Resident Competency in Clinical Pathology (Laboratory) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.2	56
106	Protein kinase CÎ´ signaling downstream of the EGF receptor mediates migration and invasiveness of prostate cancer cells. Biochemical and Biophysical Research Communications, 2006, 343, 848-856.	2.1	55
107	PLCÎ³ contributes to metastasis of in situ-occurring mammary and prostate tumors. Oncogene, 2007, 26, 3020-3026.	5.9	55
108	Bi-directional exosome-driven intercommunication between the hepatic niche and cancer cells. Molecular Cancer, 2017, 16, 172.	19.2	55

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109	CXCR3 in carcinoma progression. Histology and Histopathology, 2015, 30, 781-92.	0.7	54
110	Distribution of gelsolin and phosphoinositol 4,5-bisphosphate in lamellipodia during EGF-induced motility. International Journal of Biochemistry and Cell Biology, 2002, 34, 776-790.	2.8	53
111	Glu-Leu-Arg-Negative CXC Chemokine Interferon Î³ Inducible Protein-9 As a Mediator of Epidermalâ€"Dermal Communication During Wound Repair. Journal of Investigative Dermatology, 2003, 120, 1110-1117.	0.7	53
112	Keloid fibroblast responsiveness to epidermal growth factor and activation of downstream intracellular signaling pathways. Wound Repair and Regeneration, 2004, 12, 183-192.	3.0	53
113	Time series modeling of live-cell shape dynamics for image-based phenotypic profiling. Integrative Biology (United Kingdom), 2016, 8, 73-90.	1.3	53
114	DU145 human prostate carcinoma invasiveness is modulated by urokinase receptor (uPAR) downstream of epidermal growth factor receptor (EGFR) signaling. Experimental Cell Research, 2004, 299, 91-100.	2.6	52
115	Profilin-1 downregulation has contrasting effects on early vs late steps of breast cancer metastasis. Oncogene, 2014, 33, 2065-2074.	5.9	51
116	CSR1 Suppresses Tumor Growth and Metastasis of Prostate Cancer. American Journal of Pathology, 2006, 168, 597-607.	3.8	50
117	Matrix control of scarring. Cellular and Molecular Life Sciences, 2011, 68, 1871-1881.	5.4	50
118	Both actin and polyproline interactions of profilin-1 are required for migration, invasion and capillary morphogenesis of vascular endothelial cells. Experimental Cell Research, 2009, 315, 2963-2973.	2.6	49
119	Profilinâ€1 overexpression upregulates PTEN and suppresses AKT activation in breast cancer cells. Journal of Cellular Physiology, 2009, 218, 436-443.	4.1	49
120	Matrikine and matricellular regulators of EGF receptor signaling on cancer cell migration and invasion. Laboratory Investigation, 2014, 94, 31-40.	3.7	49
121	Alteration of the Proliferative Response of Fibroblasts Expressing Internalization-Deficient Epidermal Growth Factor (EGF) receptors Is Altered via Differential EGF Depletion Effects. Biotechnology Progress, 1994, 10, 377-384.	2.6	48
122	A microphysiological system model of therapy for liver micrometastases. Experimental Biology and Medicine, 2014, 239, 1170-1179.	2.4	48
123	Multipotent stromal cells/mesenchymal stem cells and fibroblasts combine to minimize skin hypertrophic scarring. Stem Cell Research and Therapy, 2017, 8, 193.	5.5	48
124	STAT3 is required but not sufficient for EGF receptor-mediated migration and invasion of human prostate carcinoma cell lines. British Journal of Cancer, 2006, 95, 164-171.	6.4	47
125	Directional motility induced by epidermal growth factor requires Cdc42. Experimental Cell Research, 2003, 287, 47-56.	2.6	46
126	Celosia argentea Linn. leaf extract improves wound healing in a rat burn wound model. Wound Repair and Regeneration, 2004, 12, 618-625.	3.0	46

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127	ELR-Negative CXC Chemokine CXCL11 (IP-9/I-TAC) Facilitates Dermal and Epidermal Maturation during Wound Repair. American Journal of Pathology, 2008, 173, 643-652.	3.8	46
128	Engineering liver. Hepatology, 2014, 60, 1426-1434.	7.3	46
129	Sickle cell acute chest syndrome associated with parvovirus B19 infection: Case series and review. , 1996, 51, 207-213.		45
130	Multipathway Kinase Signatures of Multipotent Stromal Cells Are Predictive for Osteogenic Differentiation. Stem Cells, 2009, 27, 2804-2814.	3.2	45
131	The Matrikine Tenascin-C Protects Multipotential Stromal Cells/Mesenchymal Stem Cells from Death Cytokines Such as FasL. Tissue Engineering - Part A, 2013, 19, 1972-1983.	3.1	45
132	Surface Tethered Epidermal Growth Factor Protects Proliferating and Differentiating Multipotential Stromal Cells from FasL-Induced Apoptosis. Stem Cells, 2013, 31, 104-116.	3.2	44
133	A Model of Dormant-Emergent Metastatic Breast Cancer Progression Enabling Exploration of Biomarker Signatures. Molecular and Cellular Proteomics, 2018, 17, 619-630.	3.8	43
134	Production of Reactive Oxygen Species by Multipotent Stromal Cells/Mesenchymal Stem Cells upon Exposure to Fas Ligand. Cell Transplantation, 2012, 21, 2171-2187.	2.5	42
135	Mathematical modeling of epidermal growth factor receptor signaling through the phospholipase C pathway: Mechanistic insights and predictions for molecular interventions. Biotechnology and Bioengineering, 2000, 70, 225-238.	3.3	41
136	Luteinising hormone-releasing hormone analogue reverses the cell adhesion profile of EGFR overexpressing DU-145 human prostate carcinoma subline. British Journal of Cancer, 2005, 92, 366-375.	6.4	41
137	The Mitogen-activated Protein (MAP) Kinases p38 and Extracellular Signal-regulated Kinase (ERK) Are Involved in Hepatocyte-mediated Phenotypic Switching in Prostate Cancer Cells. Journal of Biological Chemistry, 2014, 289, 11153-11161.	3.4	41
138	The Nuclear Accumulation of a Variant Epidermal Growth Factor Receptor (EGFR) Lacking the Transmembrane Domain Requires Coexpression of a Full-Length EGFR. Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications, 2000, 3, 8-14.	1.6	39
139	Epidermal Growth Factor Induces CD44 Gene Expression through a Novel Regulatory Element in Mouse Fibroblasts. Journal of Biological Chemistry, 1997, 272, 14139-14146.	3.4	38
140	Treatment of human prostate cancer cells with dolastatin 10, a peptide isolated from a marine shell-less mollusc. , 1998, 34, 175-181.		38
141	Aging-related attenuation of EGF receptor signaling is mediated in part by increased protein tyrosine phosphatase activity. Experimental Cell Research, 2003, 289, 359-367.	2.6	38
142	Combined Inhibition of PLCÎ³-1 and c-Src Abrogates Epidermal Growth Factor Receptorâ€"Mediated Head and Neck Squamous Cell Carcinoma Invasion. Clinical Cancer Research, 2008, 14, 4336-4344.	7.0	38
143	MyD88-dependent inflammasome activation and autophagy inhibition contributes to Ehrlichia-induced liver injury and toxic shock. PLoS Pathogens, 2017, 13, e1006644.	4.7	38
144	Biomarker identification for statin sensitivity of cancer cell lines. Biochemical and Biophysical Research Communications, 2018, 495, 659-665.	2.1	38

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145	Conjunctival goblet cells: Ocular surface functions, disorders that affect them, and the potential for their regeneration. Ocular Surface, 2020, 18, 19-26.	4.4	38
146	Epidermal growth factor induces acute matrix contraction and subsequent calpain-modulated relaxation. Wound Repair and Regeneration, 2002, 10, 67-76.	3.0	37
147	Effectiveness of Casirivimab-Imdevimab and Sotrovimab During a SARS-CoV-2 Delta Variant Surge. JAMA Network Open, 2022, 5, e2220957.	5.9	37
148	Glutamate substitutions at a PKA consensus site are consistent with inactivation of calpain by phosphorylation. FEBS Letters, 2003, 542, 115-118.	2.8	35
149	The influence of tethered epidermal growth factor on connective tissue progenitor colony formation. Biomaterials, 2009, 30, 4629-4638.	11.4	35
150	Î±-Actinin-4 Is Required for Amoeboid-type Invasiveness of Melanoma Cells. Journal of Biological Chemistry, 2014, 289, 32717-32728.	3.4	35
151	EBV-expressing AGS gastric carcinoma cell sublines present increased motility and invasiveness. International Journal of Cancer, 2002, 99, 644-651.	5.1	34
152	Primed fibroblasts and exogenous decorin: Potential treatments for subacute vocal fold scar. Otolaryngology - Head and Neck Surgery, 2006, 135, 937-945.	1.9	32
153	Hepatic nonparenchymal cells drive metastatic breast cancer outgrowth and partial epithelial to mesenchymal transition. Breast Cancer Research and Treatment, 2014, 144, 551-560.	2.5	32
154	Liver protects metastatic prostate cancer from induced death by activating Eâ€cadherin signaling. Hepatology, 2016, 64, 1725-1742.	7.3	32
155	A clinical decision support system learned from data to personalize treatment recommendations towards preventing breast cancer metastasis. PLoS ONE, 2019, 14, e0213292.	2.5	32
156	Improved Transplanted Stem Cell Survival in a Polymer Gel Supplemented with Tenascin C Accelerates Healing and Reduces Scarring of Murine Skin Wounds. Cell Transplantation, 2017, 26, 103-113.	2.5	31
157	Luteinizing hormone-releasing hormone agonist limits DU-145 prostate cancer growth by attenuating epidermal growth factor receptor signaling. Clinical Cancer Research, 2002, 8, 1251-7.	7.0	31
158	Dolichol-phosphate-mannose-3 (DPM3)/prostin-1 is a novel phospholipase C-Î³ regulated gene negatively associated with prostate tumor invasion. Oncogene, 2001, 20, 2781-2790.	5.9	30
159	Transplanted Fibroblasts Prevents Dysfunctional Repair in a Murine CXCR3-Deficient Scarring Model. Cell Transplantation, 2012, 21, 919-931.	2.5	30
160	Necessity of inositol (1,4,5)-trisphosphate receptor 1 and Î¼-calpain in NO-induced osteoclast motility. Journal of Cell Science, 2007, 120, 2884-2894.	2.0	28
161	Modulation of osteoblast gap junction connectivity by serum, TNFÎ±, and TRAIL. Experimental Cell Research, 2008, 314, 297-308.	2.6	28
162	Proteomic Analysis of Laser Microdissected Melanoma Cells from Skin Organ Cultures. Journal of Proteome Research, 2010, 9, 3656-3663.	3.7	28

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163	Melanoma Cell Invasiveness Is Promoted at Least in Part by the Epidermal Growth Factorâ€"Like Repeats of Tenascin-C. Journal of Investigative Dermatology, 2013, 133, 210-220.	0.7	28
164	Absence of inhibition of cutaneous wound healing in mice by oral doxycycline. Wound Repair and Regeneration, 2003, 11, 373-379.	3.0	27
165	Signaling Network State Predicts Twist-Mediated Effects on Breast Cell Migration Across Diverse Growth Factor Contexts. Molecular and Cellular Proteomics, 2011, 10, M111.008433.	3.8	27
166	The Beginning of the End: CXCR3 Signaling in Late-Stage Wound Healing. Advances in Wound Care, 2012, 1, 244-248.	5.1	27
167	Tenascin-C Signaling in melanoma. Cell Adhesion and Migration, 2015, 9, 125-130.	2.7	27
168	Variable Performance in 6 Commercial SARS-CoV-2 Antibody Assays May Affect Convalescent Plasma and Seroprevalence Screening. American Journal of Clinical Pathology, 2021, 155, 343-353.	0.7	27
169	The pan-therapeutic resistance of disseminated tumor cells: Role of phenotypic plasticity and the metastatic microenvironment. Seminars in Cancer Biology, 2020, 60, 138-147.	9.6	26
170	Curriculum content and evaluation of resident competency in clinical pathology (laboratory) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T	2.0	25
171	Modeling Boundary Conditions for Balanced Proliferation in Metastatic Latency. Clinical Cancer Research, 2013, 19, 1063-1070.	7.0	25
172	Tandem phosphorylation within an intrinsically disordered region regulates ACTN4 function. Science Signaling, 2015, 8, ra51.	3.6	25
173	Antibody Responses After mRNA-Based COVID-19 Vaccination in Residential Older Adults: Implications for Reopening. Journal of the American Medical Directors Association, 2021, 22, 1593-1598.	2.5	25
174	Decision tree modeling predicts effects of inhibiting contractility signaling on cell motility. BMC Systems Biology, 2007, 1, 9.	3.0	24
175	All-human microphysical model of metastasis therapy. Stem Cell Research and Therapy, 2013, 4, S11.	5.5	24
176	Mesenchymal Stem Cell/Multipotent Stromal Cell Augmentation of Wound Healing. American Journal of Pathology, 2020, 190, 1370-1381.	3.8	24
177	Prostate cancer liver metastasis: Dormancy and resistance to therapy. Seminars in Cancer Biology, 2021, 71, 2-9.	9.6	24
178	ECM-regulation of autophagy: The yin and the yang of autophagy during wound healing. Matrix Biology, 2021, 100-101, 197-206.	3.6	23
179	Motility is rate-limiting for invasion of bladder carcinoma cell lines. International Journal of Biochemistry and Cell Biology, 2002, 34, 762-775.	2.8	22
180	Multiple signaling pathways mediate compaction of collagen matrices by EGF-stimulated fibroblasts. Experimental Cell Research, 2006, 312, 1970-1982.	2.6	22

#	Article	IF	Citations
181	Modeling the Assembly of the Multiple Domains of Î±-actinin-4 and Its Role in Actin Cross-linking. Biophysical Journal, 2013, 104, 705-715.	0.5	22
182	A Pathway to Personalizing Therapy for Metastases Using Liver-on-a-Chip Platforms. Stem Cell Reviews and Reports, 2017, 13, 364-380.	5.6	22
183	Performance of SARS-CoV-2 antigen testing in symptomatic and asymptomatic adults: a single-center evaluation. BMC Infectious Diseases, 2021, 21, 1071.	2.9	22
184	Development of a One-Step Qualitative RT-PCR Assay to Detect the SARS-CoV-2 Omicron (B.1.1.529) Variant in Respiratory Specimens. Journal of Clinical Microbiology, 2022, 60, jcm0002422.	3.9	22
185	A Differential Requirement for the COOH-terminal Region of the Epidermal Growth Factor (EGF) Receptor in Amphiregulin and EGF Mitogenic Signaling. Journal of Biological Chemistry, 1999, 274, 8900-8909.	3.4	21
186	EVIDENCE FOR THE ISOLATION, GROWTH, AND CHARACTERIZATION OF MALIGNANT CELLS IN PRIMARY CULTURES OF HUMAN TUMORS. In Vitro Cellular and Developmental Biology - Animal, 2003, 39, 63.	1.5	21
187	Receptors for the complement C3d component and the Epstein-Barr virus are quantitatively coexpressed on a series of B-cell lines and their derived somatic cell hybrids. Cellular Immunology, 1982, 72, 263-276.	3.0	20
188	Comparative mitogenic potencies of EGF and TGFÎ± and their dependence on receptor-limitation versus ligand-limitation. Medical and Biological Engineering and Computing, 1998, 36, 499-507.	2.8	20
189	Concomitant attenuation of HMG-CoA reductase expression potentiates the cancer cell growth-inhibitory effect of statins and expands their efficacy in tumor cells with epithelial characteristics. Oncotarget, 2018, 9, 29304-29315.	1.8	20
190	The UPMC OPTIMISE-C19 (OPtimizing Treatment and Impact of Monoclonal antIbodieS through) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 comparative effectiveness platform trial with response-adaptive randomization. Trials, 2021, 22, 363.	1.6	20
191	Getting a grip: new insights for cell adhesion and traction. Nature Cell Biology, 2001, 3, E110-E112.	10.3	19
192	Adult Stem Cell Functioning in the Tumor Micro-Environment. International Journal of Molecular Sciences, 2019, 20, 2566.	4.1	19
193	IP-10 (CXCL10) Can Trigger Emergence of Dormant Breast Cancer Cells in a Metastatic Liver Microenvironment. Frontiers in Oncology, 2021, 11, 676135.	2.8	19
194	Epidermal Growth Factor Tethered to <i>Î²</i>-Tricalcium Phosphate Bone Scaffolds via a High-Affinity Binding Peptide Enhances Survival of Human Mesenchymal Stem Cells/Multipotent Stromal Cells in an Immune-Competent Parafascial Implantation Assay in Mice. Stem Cells Translational Medicine, 2016, 5, 1580-1586.	3.3	18
195	Intercellular Transfer of Proteins as Identified by Stable Isotope Labeling of Amino Acids in Cell Culture. Journal of Biological Chemistry, 2010, 285, 6285-6297.	3.4	17
196	Controlling multipotent stromal cell migration by integrating â€œcourse-grainingâ€•materials and â€œfine-tuningâ€•small molecules via decision tree signal-response modeling. Biomaterials, 2011, 32, 7524-7531.	11.4	17
197	Lung Epithelial Cells Induce Both Phenotype Alteration and Senescence in Breast Cancer Cells. PLoS ONE, 2015, 10, e0118060.	2.5	17
198	First detection of SARSâ€CoVâ€2 Omicron BA.4 variant in Western Pennsylvania, United States. Journal of Medical Virology, 2022, 94, 4053-4055.	5.0	17

#	Article	IF	Citations
199	Distinct Osteomimetic Response of Androgenâ€Dependent and Independent Human Prostate Cancer Cells to Mechanical Action of Fluid Flow: Prometastatic Implications. Prostate, 2017, 77, 321-333.	2.3	16
200	Pituitary glycoprotein hormone receptors in non-endocrine organs. Trends in Endocrinology and Metabolism, 2007, 18, 227-233.	7.1	15
201	Workflow Organization in Pathology. Clinics in Laboratory Medicine, 2012, 32, 601-622.	1.4	15
202	The carboxyl tail of alpha-actinin-4 regulates its susceptibility to m-calpain and thus functions in cell migration and spreading. International Journal of Biochemistry and Cell Biology, 2013, 45, 1051-1063.	2.8	15
203	Tyro3-mediated phosphorylation of ACTN4 at tyrosines is FAK-dependent and decreases susceptibility to cleavage by m-Calpain. International Journal of Biochemistry and Cell Biology, 2018, 95, 73-84.	2.8	15
204	Atorvastatin facilitates chemotherapy effects in metastatic triple-negative breast cancer. British Journal of Cancer, 2021, 125, 1285-1298.	6.4	15
205	Difference in viral binding between two epstein-barr virus substrains to a spectrum of receptor-positive target cells. International Journal of Cancer, 1981, 27, 303-309.	5.1	14
206	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.	2.0	14
207	Performance of a Rapid SARS-CoV-2 Antigen Detection Assay in Symptomatic Children. Pediatrics, 2021, 148, .	2.1	14
208	Epidermal growth factor protects fibroblasts from apoptosis via PI3 kinase and Rac signaling pathways. Wound Repair and Regeneration, 2008, 16, 551-558.	3.0	13
209	Non-steroidal anti-inflammatory drugs inhibit calpain activity and membrane localization of calpain 2 protease. International Journal of Biochemistry and Cell Biology, 2010, 42, 2030-2036.	2.8	13
210	Localization of epidermal growth factor receptor in hepatocyte nuclei. Hepatology, 1991, 13, 15-20.	7.3	13
211	Epstein-Barr Virus Receptor Expression is Correlated to Cell Cycle Phase. Journal of Receptors and Signal Transduction, 1981, 2, 285-298.	1.2	12
212	Engineering dynamics of growth factors and other therapeutic ligands. , 1996, 52, 61-80.		12
213	Webcasting pathology department conferences in a geographically distributed medical center. Human Pathology, 2004, 35, 790-797.	2.0	12
214	Low Infection-Related Re-Admission Rates in a Retrospective of 4725 Children with Appendicitis Using a Clinical Pathway in a Tertiary Care Pediatric Center. Surgical Infections, 2017, 18, 894-903.	1.4	12
215	A systems perspective of heterocellular signaling. Essays in Biochemistry, 2018, 62, 607-617.	4.7	12
216	Dysregulation of the mevalonate pathway during SARSâ€CoVâ€2 infection: An in silico study. Journal of Medical Virology, 2021, 93, 2396-2405.	5.0	12

#	Article	IF	Citations
217	A Perspective on Therapeutic Pan-Resistance in Metastatic Cancer. International Journal of Molecular Sciences, 2020, 21, 7304.	4.1	11
218	Launching a comparative effectiveness adaptive platform trial of monoclonal antibodies for COVID-19 in 21Âdays. Contemporary Clinical Trials, 2022, 113, 106652.	1.8	11
219	The challenge of training pathologists in the 21st century. Human Pathology, 2006, 37, 932-933.	2.0	10
220	Counterpoint: Developing a Clinical Pathology Curriculum to Meet Current and Future Needs. Clinical Chemistry, 2006, 52, 971-972.	3.2	10
221	Modulation of Epidermal Growth Factor Stimulated ERK Phosphorylation and Cell Motility by Inositol Trisphosphate Kinase. Journal of Pharmaceutical Sciences and Pharmacology, 2014, 1, 160-164.	0.2	10
222	Assessing Immune Response to SARS-CoV-2 Infection . ImmunoTargets and Therapy, 2020, Volume 9, 111-114.	5.8	10
223	Vascular Endothelial Growth Factor (VEGF) and Platelet (PF-4) Factor 4 Inputs Modulate Human Microvascular Endothelial Signaling in a Three-Dimensional Matrix Migration Context. Molecular and Cellular Proteomics, 2013, 12, 3704-3718.	3.8	9
224	The great escape: How metastases of melanoma, and other carcinomas, avoid elimination. Experimental Biology and Medicine, 2018, 243, 1245-1255.	2.4	9
225	Focal segmental glomerulosclerosis ACTN4 mutants binding to actin: regulation by phosphomimetic mutations. Scientific Reports, 2019, 9, 15517.	3.3	9
226	The epidermal growth factor receptor and its ligands. Cancer Treatment and Research, 1989, 47, 143-168.	0.5	9
227	Epidermal growth factor (EGF) receptor carboxy-terminal domains are required for EGF-induced glucose transport in transgenic 3T3-L1 adipocytes. Endocrinology, 1995, 136, 431-439.	2.8	9
228	Differential regulation of pericyte function by the CXC receptor 3. Wound Repair and Regeneration, 2015, 23, 785-796.	3.0	8
229	A Cross-Sectional Study of SARS-CoV-2 Seroprevalence between Fall 2020 and February 2021 in Allegheny County, Western Pennsylvania, USA. Pathogens, 2021, 10, 710.	2.8	8
230	Interferon-Î³ increases sensitivity to chemotherapy and provides immunotherapy targets in models of metastatic castration-resistant prostate cancer. Scientific Reports, 2022, 12, 6657.	3.3	8
231	A microassay for quantitatively detecting the epstein-barr virus receptor on single cells utilizing flow cytometry. Journal of Virological Methods, 1981, 3, 127-136.	2.1	7
232	Cell Surface Glycoprotein Patterns of Two EBV-Negative Lines and Their EBV Converted Sublines. Intervirology, 1981, 16, 142-148.	2.8	7
233	Quantitative Comparison of Epstein-Barr Virus Receptor Expression on sIgM and sIgG Cell Lines and B-cell Lymphoma Biopsies. Differentiation, 1982, 22, 113-119.	1.9	7
234	Differential in vitro effects of chemotherapeutic agents on primary cultures of human ovarian carcinoma. International Journal of Gynecological Cancer, 2004, 14, 607-615.	2.5	7

#	Article	IF	Citations
235	The Goals of Resident Training inÂLaboratory Medicine in Combined Anatomic Pathology/Clinical Pathology Programs: An Overview. Clinics in Laboratory Medicine, 2007, 27, 229-240.	1.4	7
236	Conjugated equine estrogen and medroxyprogesterone acetate are associated with decreased risk of breast cancer relative to bioidentical hormone therapy and controls. PLoS ONE, 2018, 13, e0197064.	2.5	7
237	Preprocedural SARS-CoV-2 Testing to Sustain Medically Needed Health Care Delivery During the COVID-19 Pandemic: A Prospective Observational Study. Open Forum Infectious Diseases, 2021, 8, ofab022.	0.9	7
238	Akt isoforms differentially provide for chemoresistance in prostate cancer. Cancer Biology and Medicine, 2021, 19, 635-650.	3.0	7
239	Novel combination therapy reduces subconjunctival fibrosis after glaucoma filtration surgery in the rabbit model. Clinical and Experimental Ophthalmology, 2021, 49, 60-69.	2.6	6
240	Use of ChemoFxÂ® for Identification of Effective Treatments in Epithelial Ovarian Cancer. PLOS Currents, 2015, 7, .	1.4	6
241	PKCÎ´ Regulates Force Signaling during VEGF/CXCL4 Induced Dissociation of Endothelial Tubes. PLoS ONE, 2014, 9, e93968.	2.5	6
242	Expression of human, mouse, and rat m-calpains in Escherichia coli and in murine fibroblasts. Protein Expression and Purification, 2004, 33, 246-255.	1.3	5
243	Attraction or Repulsion: A Matter of Individual Taste?. Science Signaling, 2004, 2004, pe47-pe47.	3.6	5
244	Motility Signaled From the EGF Receptor and Related Systems. , 2006, 327, 159-178.		5
245	Integrative microphysiological tissue systems of cancer metastasis to the liver. Seminars in Cancer Biology, 2021, 71, 157-169.	9.6	5
246	Binding of alpha-ACTN4 to EGF receptor enables its rapid phosphorylation. Heliyon, 2021, 7, e06011.	3.2	5
247	Quantitative Parsing of Cell Multi-tasking in Wound Repair and Tissue Morphogenesis. Biophysical Journal, 2003, 84, 3499-3500.	0.5	4
248	Integration of systems biology with organs-on-chips to humanize therapeutic development. Proceedings of SPIE, 2017, , .	0.8	4
249	Herpes Simplex Virus-1 qPCR in the Diagnosis of Lower Respiratory Tract Infections in Organ Transplant Recipients and Critically Ill Patients. American Journal of Clinical Pathology, 2018, 150, 522-532.	0.7	4
250	Leveraging Bayesian networks and information theory to learn risk factors for breast cancer metastasis. BMC Bioinformatics, 2020, 21, 298.	2.6	4
251	Injected Versus Sponge-Applied Mitomycin C (MMC) During Modified Trabeculectomy in New Zealand White Rabbit Model. Translational Vision Science and Technology, 2020, 9, 23.	2.2	4
252	PKCÎ´ Localization at the Membrane Increases Matrix Traction Force Dependent on PLCÎ³1/EGFR Signaling. PLoS ONE, 2013, 8, e77434.	2.5	4

#	Article	IF	Citations
253	The matricellular protein decorin delivered intradermally with coacervate improves wound resolution in the <scp>CXCR3</scp>â€deficient mouse model of hypertrophic scarring. Wound Repair and Regeneration, 2022, 30, 436-447.	3.0	4
254	Performance of the Sofia SARS-CoV-2 Rapid Antigen Test in Symptomatic and Asymptomatic Pediatric Patients. Journal of the Pediatric Infectious Diseases Society, 2022, 11, 417-421.	1.3	4
255	Motility in Tumor Invasion and Metastasis â€" An Overview. , 2006, , 1-23.		3
256	Tyro3 carboxyl terminal region confers stability and contains the autophosphorylation sites. Biochemical and Biophysical Research Communications, 2017, 490, 1074-1079.	2.1	3
257	Expression of E-cadherin and specific CXCR3 isoforms impact each other in prostate cancer. Cell Communication and Signaling, 2019, 17, 164.	6.5	3
258	Machine Learning to Discern Interactive Clusters of Risk Factors for Late Recurrence of Metastatic Breast Cancer. Cancers, 2022, 14, 253.	3.7	3
259	Evaluation of the Cepheid Xpert Xpress SARS-CoV-2 test for bronchoalveolar lavage. Journal of Clinical Virology Plus, 2022, 2, 100067.	1.0	3
260	Clinical evaluation of the Cue's COVIDâ€'19 diagnostic test to detect SARSâ€CoVâ€2 in the upper respiratory tract. Journal of Medical Virology, 2022, 94, 3517-3519.	5.0	3
261	136 Celosia Argentea Linn. Leaf Extract Improves Wound Healing in Rat Burn Wound Model. Wound Repair and Regeneration, 2004, 12, A35-A35.	3.0	2
262	Preface. Clinics in Laboratory Medicine, 2012, 32, ix-x.	1.4	2
263	CXCL11 Expression by Keratinocytes Occurs Transiently Between Reaching Confluence and Cellular Compaction. Advances in Wound Care, 2016, 5, 517-526.	5.1	2
264	Friend turned foe: E-cadherin perversely protects micrometastases. Translational Andrology and Urology, 2017, 6, 338-340.	1.4	2
265	Biology of Metastatic Liver Tumors. Molecular Pathology Library, 2011, , 859-866.	0.1	2
266	The EGF Receptor Signaling System. Growth Hormone, 2002, , 57-79.	0.2	2
267	Evaluation of Viral Loads in Patients With SARS-CoV-2 Delta Variant Infection: Higher Loads Do Not Translate Into Different Testing Scenarios. Microbiology Insights, 2022, 15, 117863612210875.	2.0	2
268	Predictive model for severe COVID-19 using SARS-CoV-2 whole-genome sequencing and electronic health record data, March 2020-May 2021. PLoS ONE, 2022, 17, e0271381.	2.5	2
269	Introduction to cell motility. Microscopy Research and Technique, 1998, 43, 357-357.	2.2	1
270	Cell Motility in Prostate Tumor Invasion and Metastasis. , 2006, , 301-338.		1

#	Article	IF	Citations
271	The Pro-reparative Engine: Stem Cells Aid Healing by Dampening Inflammation. Current Pathobiology Reports, 2018, 6, 109-115.	3.4	1
272	Calpain. , 2003, , 105-111.		1
273	Biâ€directional Macrophageâ€Fibroblast Crosstalk Directs Wound Resolution Factors. FASEB Journal, 2018, 32, 414.2.	0.5	1
274	Abstract 3357: Partial mesenchymal to epithelial reverting transition in breast and prostate cancer metastases. , 2011, , .		1
275	Adult Stem Cell Survival Strategies. , 2012, , 383-404.		1
276	IPâ€10 fragment is the functional motif that blocks endothelial cell motility and vessel formation. FASEB Journal, 2009, 23, 116.7.	0.5	1
277	19 Calpain proteases in prostate carcinoma. Handbook of Immunohistochemistry and in Situ Hybridization of Human Carcinomas, 2002, 2, 463-469.	0.0	0
278	139 Gene Array Profiling of Keloid Fibroblasts to Identify the Target Genes for Therapeutic Evaluations. Wound Repair and Regeneration, 2004, 12, A36-A36.	3.0	0
279	057â€˙Activation of CXCR 3 Inhibits Endothelial Tube Formation Through the Modulation of M-Calpain. Wound Repair and Regeneration, 2008, 13, A4-A27.	3.0	0
280	Calpain. , 2010, , 999-1008.		0
281	Preface. Clinics in Laboratory Medicine, 2010, 30, xiii-xiv.	1.4	0
282	Preventing metastatic emergence of breast cancer. Aging, 2021, 13, 22627-22628.	3.1	0
283	Calpain. , 2007, , 1-8.		0
284	Differentiation of bone marrow mesenchymal stem cells towards the smooth muscle cell lineage by blocking Elkâ€1 signaling and overexpression of myocardin. FASEB Journal, 2007, 21, A748.	0.5	0
285	Demethylation of the Eâ€cadherin promoter driven by hepatocytes allows for cell fateâ€determining signals in invasive breast cancer cells. FASEB Journal, 2007, 21, A77.	0.5	0
286	Eâ€cadherin reâ€expression in invasive breast cancer cells as a putative marker for tumor cell dormancy modeled by infiltration into hepatocyte spheroids. FASEB Journal, 2008, 22, 470.7.	0.5	0
287	Inhibition of Epidermal Growth Factor stimulated ERK phosphorylation by inositol trisphosphate kinase inhibitor. FASEB Journal, 2009, 23, 889.1.	0.5	0
288	Matrix tethered EGF promotes survival of MSC secondary to preferential activation of surfaceâ€restricted signaling pathways. FASEB Journal, 2010, 24, 38.6.	0.5	0

#	Article	IF	Citations
289	NSAIDs Inhibit Activity and Reduce Surface Expression of Calpain Proteases. FASEB Journal, 2010, 24, 583.2.	0.5	0
290	Transplantation of mesenchymal stem cells and fibroblasts in a bioâ€compatible matrix corrects defective dermal remodeling. FASEB Journal, 2012, 26, 399.3.	0.5	0
291	Cellular confluence and cohesion regulates CXCL11/IP9 expression during keratinocyte reâ€epithelialization. FASEB Journal, 2012, 26, 56.3.	0.5	0
292	Laboratory medicine: a view to the future of diagnostics and training. Rinsho Byori the Japanese Journal of Clinical Pathology, 2012, 60, 312-20.	0.1	0