

Alan Wells

List of Publications by Year in descending order

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291
papers

18,470
citations

10956

71
h-index

17055

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.	3.3	1,029
2	EGF receptor. International Journal of Biochemistry and Cell Biology, 1999, 31, 637-643.	1.2	882
3	Localized Biphasic Changes in Phosphatidylinositol-4,5-Bisphosphate at Sites of Phagocytosis. Journal of Cell Biology, 2000, 151, 1353-1368.	2.3	489
4	Cutting to the chase: calpain proteases in cell motility. Trends in Cell Biology, 2002, 12, 46-54.	3.6	350
5	Breast carcinoma cells re-express E-cadherin during mesenchymal to epithelial reverting transition. Molecular Cancer, 2010, 9, 179.	7.9	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.	1.7	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.	2.3	307
8	Mesenchymalâ€“epithelial transition (MET) as a mechanism for metastatic colonisation in breast cancer. Cancer and Metastasis Reviews, 2012, 31, 469-478.	2.7	285
9	Tumor Invasion: Role of Growth Factor-Induced Cell Motility. Advances in Cancer Research, 1999, 78, 31-101.	1.9	277
10	Tethered Epidermal Growth Factor Provides a Survival Advantage to Mesenchymal Stem Cells. Stem Cells, 2007, 25, 1241-1251.	1.4	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.	2.3	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.	1.1	250
13	Epidermal Growth Factor as a Candidate for Ex Vivo Expansion of Bone Marrow-Derived Mesenchymal Stem Cells. Stem Cells, 2006, 24, 686-695.	1.4	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.	1.6	240
15	Growth factor regulation of proliferation and survival of multipotential stromal cells. Stem Cell Research and Therapy, 2010, 1, 32.	2.4	237
16	Epidermal Growth Factor and Membrane Trafficking. Journal of Cell Biology, 2000, 151, 539-550.	2.3	218
17	EGF receptor regulation of cell motility: EGF induces disassembly of focal adhesions independently of the motility-associated PLC β 3 signaling pathway. Journal of Cell Science, 1998, 111, 615-624.	1.2	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.	2.0	192

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19	Membrane Proximal ERK Signaling Is Required for M-calpain Activation Downstream of Epidermal Growth Factor Receptor Signaling. <i>Journal of Biological Chemistry</i> , 2001, 276, 23341-23348.	1.6	186
20	Targeting tumor cell motility as a strategy against invasion and metastasis. <i>Trends in Pharmacological Sciences</i> , 2013, 34, 283-289.	4.0	171
21	Liver "organ on a chip"™. <i>Experimental Cell Research</i> , 2018, 363, 15-25.	1.2	165
22	Activation of m-Calpain (Calpain II) by Epidermal Growth Factor Is Limited by Protein Kinase A Phosphorylation of m-Calpain. <i>Molecular and Cellular Biology</i> , 2002, 22, 2716-2727.	1.1	162
23	Erythropoietin-mediated activation of JAK-STAT signaling contributes to cellular invasion in head and neck squamous cell carcinoma. <i>Oncogene</i> , 2005, 24, 4442-4449.	2.6	157
24	Extracellular matrix signaling through growth factor receptors during wound healing. <i>Wound Repair and Regeneration</i> , 2004, 12, 262-268.	1.5	155
25	Tumor invasion as dysregulated cell motility. <i>Seminars in Cancer Biology</i> , 2001, 11, 105-117.	4.3	153
26	Biophysical Integration of Effects of Epidermal Growth Factor and Fibronectin on Fibroblast Migration. <i>Biophysical Journal</i> , 1999, 76, 2814-2823.	0.2	146
27	STAT Activation by Epidermal Growth Factor (EGF) and Amphiregulin. <i>Journal of Biological Chemistry</i> , 1996, 271, 9185-9188.	1.6	139
28	Partial Mesenchymal to Epithelial Reverting Transition in Breast and Prostate Cancer Metastases. <i>Cancer Microenvironment</i> , 2012, 5, 19-28.	3.1	139
29	Signalling shortcuts: cell-surface receptors in the nucleus?. <i>Nature Reviews Molecular Cell Biology</i> , 2002, 3, 697-702.	16.1	137
30	Internalized Epidermal Growth Factor Receptors Participate in the Activation of p21 in Fibroblasts. <i>Journal of Biological Chemistry</i> , 1999, 274, 34350-34360.	1.6	134
31	IP-10 induces dissociation of newly formed blood vessels. <i>Journal of Cell Science</i> , 2009, 122, 2064-2077.	1.2	130
32	Statin drugs to reduce breast cancer recurrence and mortality. <i>Breast Cancer Research</i> , 2018, 20, 144.	2.2	130
33	Ip-10 Inhibits Epidermal Growth Factor-Induced Motility by Decreasing Epidermal Growth Factor Receptor-Mediated Calpain Activity. <i>Journal of Cell Biology</i> , 1999, 146, 243-254.	2.3	127
34	Epidermal Growth Factor Induces Fibroblast Contractility and Motility via a Protein Kinase C β -dependent Pathway. <i>Journal of Biological Chemistry</i> , 2004, 279, 14551-14560.	1.6	127
35	Growth Factor-Induced Cell Motility in Tumor Invasion. <i>Acta Oncologica</i> , 2002, 41, 124-130.	0.8	126
36	Skin Wound Healing and Scarring: Fetal Wounds and Regenerative Restitution. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 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. <i>Clinical and Experimental Metastasis</i> , 1996, 14, 409-418.	1.7	117
38	Co-culturing human prostate carcinoma cells with hepatocytes leads to increased expression of E-cadherin. <i>British Journal of Cancer</i> , 2007, 96, 1246-1252.	2.9	117
39	Localization of epidermal growth factor receptor in hepatocyte nuclei. <i>Hepatology</i> , 1991, 13, 15-20.	3.6	116
40	Human mesenchymal stem cells/multipotent stromal cells consume accumulated autophagosomes early in differentiation. <i>Stem Cell Research and Therapy</i> , 2014, 5, 140.	2.4	115
41	Differential Antibody Response to mRNA COVID-19 Vaccines in Healthy Subjects. <i>Microbiology Spectrum</i> , 2021, 9, e0034121.	1.2	114
42	Epidermal Growth Factor (EGF) Treatment on Multipotential Stromal Cells (MSCs). Possible Enhancement of Therapeutic Potential of MSC. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-10.	3.0	113
43	Altered CXCR3 isoform expression regulates prostate cancer cell migration and invasion. <i>Molecular Cancer</i> , 2012, 11, 3.	7.9	113
44	Statin-induced mevalonate pathway inhibition attenuates the growth of mesenchymal-like cancer cells that lack functional E-cadherin mediated cell cohesion. <i>Scientific Reports</i> , 2014, 4, 7593.	1.6	112
45	Phospholipase C-gamma1 in tumor progression. <i>Clinical and Experimental Metastasis</i> , 2003, 20, 285-290.	1.7	110
46	Aging Fibroblasts Present Reduced Epidermal Growth Factor (EGF) Responsiveness Due to Preferential Loss of EGF Receptors. <i>Journal of Biological Chemistry</i> , 2000, 275, 19343-19351.	1.6	107
47	Spatial Localization of m-Calpain to the Plasma Membrane by Phosphoinositide Biphosphate Binding during Epidermal Growth Factor Receptor-Mediated Activation. <i>Molecular and Cellular Biology</i> , 2006, 26, 5481-5496.	1.1	105
48	Skin tissue repair: Matrix microenvironmental influences. <i>Matrix Biology</i> , 2016, 49, 25-36.	1.5	105
49	Effect of Epidermal Growth Factor Receptor Internalization on Regulation of the Phospholipase C- β 1 Signaling Pathway. <i>Journal of Biological Chemistry</i> , 1999, 274, 8958-8965.	1.6	104
50	Hyaluronan Facilitates Transforming Growth Factor- β 1-dependent Proliferation via CD44 and Epidermal Growth Factor Receptor Interaction. <i>Journal of Biological Chemistry</i> , 2011, 286, 17618-17630.	1.6	103
51	In vitro invasiveness of DU-145 human prostate carcinoma cells is modulated by EGF receptor-mediated signals. <i>Clinical and Experimental Metastasis</i> , 1995, 13, 407-419.	1.7	101
52	Profilin-1 is a negative regulator of mammary carcinoma aggressiveness. <i>British Journal of Cancer</i> , 2007, 97, 1361-1371.	2.9	99
53	Suboptimal Response to Coronavirus Disease 2019 Messenger RNA Vaccines in Patients With Hematologic Malignancies: A Need for Vigilance in the Postmasking Era. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab353.	0.4	99
54	The effect of multifunctional polymer-based gels on wound healing in full thickness bacteria-contaminated mouse skin wound models. <i>Biomaterials</i> , 2007, 28, 3977-3986.	5.7	98

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55	Engineering epidermal growth factor for enhanced mitogenic potency. <i>Nature Biotechnology</i> , 1996, 14, 1696-1699.	9.4	97
56	Delayed and Deficient Dermal Maturation in Mice Lacking the CXCR3 ELR-Negative CXC Chemokine Receptor. <i>American Journal of Pathology</i> , 2007, 171, 484-495.	1.9	97
57	Differentiation of Bone Marrow Mesenchymal Stem Cells into the Smooth Muscle Lineage by Blocking ERK/MAPK Signaling Pathway. <i>Stem Cells and Development</i> , 2008, 17, 897-908.	1.1	91
58	Chemokine receptor 7 activates phosphoinositide-3 kinase-mediated invasive and prosurvival pathways in head and neck cancer cells independent of EGFR. <i>Oncogene</i> , 2005, 24, 5897-5904.	2.6	90
59	2D protrusion but not motility predicts growth factor-induced cancer cell migration in 3D collagen. <i>Journal of Cell Biology</i> , 2012, 197, 721-729.	2.3	90
60	Calpain-2 as a target for limiting prostate cancer invasion. <i>Cancer Research</i> , 2003, 63, 4632-40.	0.4	89
61	Epidermal Growth Factor-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. <i>Molecular Biology of the Cell</i> , 2008, 19, 4249-4259.	0.9	88
62	Calpains as potential anti-cancer targets. <i>Expert Opinion on Therapeutic Targets</i> , 2011, 15, 309-323.	1.5	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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21547-21552.	3.3	86
65	Epidermal growth factor receptor-stimulated activation of phospholipase Cgamma-1 promotes invasion of head and neck squamous cell carcinoma. <i>Cancer Research</i> , 2003, 63, 5629-35.	0.4	83
66	EGF-receptor-mediated mammary epithelial cell migration is driven by sustained ERK signaling from autocrine stimulation. <i>Journal of Cell Science</i> , 2007, 120, 3688-3699.	1.2	82
67	Shaping up for shipping out: PLC γ signaling of morphology changes in EGF-stimulated fibroblast migration. <i>Cytoskeleton</i> , 1999, 44, 227-233.	4.4	81
68	Hepatocyte induced re-expression of E-cadherin in breast and prostate cancer cells increases chemoresistance. <i>Clinical and Experimental Metastasis</i> , 2012, 29, 39-50.	1.7	77
69	Liver metastases: Microenvironments and <i>ex-vivo</i> models. <i>Experimental Biology and Medicine</i> , 2016, 241, 1639-1652.	1.1	77
70	Pericytes: A newly recognized player in wound healing. <i>Wound Repair and Regeneration</i> , 2016, 24, 204-214.	1.5	77
71	The Dormancy Dilemma: Quiescence versus Balanced Proliferation. <i>Cancer Research</i> , 2013, 73, 3811-3816.	0.4	76
72	Spontaneous dormancy of metastatic breast cancer cells in an all human liver microphysiologic system. <i>British Journal of Cancer</i> , 2014, 111, 2342-2350.	2.9	76

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73	Interferon-Inducible Protein 9 (CXCL11)-Induced Cell Motility in Keratinocytes Requires Calcium Flux-Dependent Activation of β 4-Calpain. <i>Molecular and Cellular Biology</i> , 2005, 25, 1922-1941.	1.1	75
74	Loss of profilin α 1 expression enhances breast cancer cell motility by Ena/VASP proteins. <i>Journal of Cellular Physiology</i> , 2009, 219, 354-364.	2.0	75
75	m-calpain Activation Is Regulated by Its Membrane Localization and by Its Binding to Phosphatidylinositol 4,5-Bisphosphate*. <i>Journal of Biological Chemistry</i> , 2010, 285, 33549-33566.	1.6	75
76	Lipophilic statins limit cancer cell growth and survival, via involvement of Akt signaling. <i>PLoS ONE</i> , 2018, 13, e0197422.	1.1	75
77	Calpain Proteases in Cell Adhesion and Motility. <i>International Review of Cytology</i> , 2005, 245, 1-16.	6.2	74
78	Novel Three-Dimensional Organotypic Liver Bioreactor to Directly Visualize Early Events in Metastatic Progression. <i>Advances in Cancer Research</i> , 2007, 97, 225-246.	1.9	74
79	Epithelial and mesenchymal phenotypic switchings modulate cell motility in metastasis. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 815.	3.0	71
80	An IP-10 (CXCL10)-Derived Peptide Inhibits Angiogenesis. <i>PLoS ONE</i> , 2012, 7, e40812.	1.1	71
81	Cell surface restriction of EGFR by a tenascin cytotactin-encoded EGF-like repeat is preferential for motility-related signaling. <i>Journal of Cellular Physiology</i> , 2008, 214, 504-512.	2.0	70
82	β -Actinin-4 Is Essential for Maintaining the Spreading, Motility and Contractility of Fibroblasts. <i>PLoS ONE</i> , 2010, 5, e13921.	1.1	70
83	Lack of CXC Chemokine Receptor 3 Signaling Leads to Hypertrophic and Hypercellular Scarring. <i>American Journal of Pathology</i> , 2010, 176, 1743-1755.	1.9	67
84	A liver microphysiological system of tumor cell dormancy and inflammatory responsiveness is affected by scaffold properties. <i>Lab on A Chip</i> , 2017, 17, 156-168.	3.1	67
85	Aging Fibroblasts Resist Phenotypic Maturation Because of Impaired Hyaluronan-Dependent CD44/Epidermal Growth Factor Receptor Signaling. <i>American Journal of Pathology</i> , 2010, 176, 1215-1228.	1.9	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. <i>Stem Cell Research and Therapy</i> , 2016, 7, 179.	2.4	66
87	Phosphatidylinositol-4-phosphate 5-Kinase-1 β Is Essential for Epidermal Growth Factor Receptor-mediated Endocytosis. <i>Journal of Biological Chemistry</i> , 2001, 276, 47212-47216.	1.6	65
88	Phosphorylation of β -Actinin 4 upon Epidermal Growth Factor Exposure Regulates Its Interaction with Actin. <i>Journal of Biological Chemistry</i> , 2010, 285, 2591-2600.	1.6	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). <i>Clinical Infectious Diseases</i> , 2022, 75, e630-e644.	2.9	65
90	Sustained epidermal growth factor receptor levels and activation by tethered ligand binding enhances osteogenic differentiation of multipotent marrow stromal cells. <i>Journal of Cellular Physiology</i> , 2009, 221, 306-317.	2.0	64

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91	Statins attenuate outgrowth of breast cancer metastases. <i>British Journal of Cancer</i> , 2018, 119, 1094-1105.	2.9	64
92	Parsing ERK Activation Reveals Quantitatively Equivalent Contributions from Epidermal Growth Factor Receptor and HER2 in Human Mammary Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 6157-6169.	1.6	63
93	Pericyte Regulation of Vascular Remodeling Through the CXC Receptor 3. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2818-2829.	1.1	63
94	Inhibition of Phospholipase C- β 1 Activation Blocks Glioma Cell Motility and Invasion of Fetal Rat Brain Aggregates. <i>Neurosurgery</i> , 1999, 44, 568-577.	0.6	62
95	Antimicrobial activities of silver used as a polymerization catalyst for a wound-healing matrix. <i>Biomaterials</i> , 2006, 27, 4304-4314.	5.7	61
96	Delayed reepithelialization and basement membrane regeneration after wounding in mice lacking CXCR3. <i>Wound Repair and Regeneration</i> , 2009, 17, 34-41.	1.5	60
97	Gene expression patterns in isolated keloid fibroblasts. <i>Wound Repair and Regeneration</i> , 2006, 14, 463-470.	1.5	59
98	Macrophage phenotypic subtypes diametrically regulate epithelial-mesenchymal plasticity in breast cancer cells. <i>BMC Cancer</i> , 2016, 16, 419.	1.1	59
99	Inflammatory cytokine IL-8/CXCL8 promotes tumour escape from hepatocyte-induced dormancy. <i>British Journal of Cancer</i> , 2018, 118, 566-576.	2.9	59
100	Receptor-mediated effects on ligand availability influence relative mitogenic potencies of epidermal growth factor and transforming growth factor β . , 1996, 166, 512-522.		58
101	Tenascin cytotactin epidermal growth factor-like repeat binds epidermal growth factor receptor with low affinity. <i>Journal of Cellular Physiology</i> , 2007, 211, 748-758.	2.0	58
102	Nuclear Kaiso Indicates Aggressive Prostate Cancers and Promotes Migration and Invasiveness of Prostate Cancer Cells. <i>American Journal of Pathology</i> , 2012, 181, 1836-1846.	1.9	58
103	Modeling of signal-response cascades using decision tree analysis. <i>Bioinformatics</i> , 2005, 21, 2027-2035.	1.8	57
104	Epidermal Growth Factor (EGF) Receptor Kinase-independent Signaling by EGF. <i>Journal of Biological Chemistry</i> , 2001, 276, 15554-15560.	1.6	56
105	Curriculum Content and Evaluation of Resident Competency in Clinical Pathology (Laboratory) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.5	56
106	Protein kinase C δ signaling downstream of the EGF receptor mediates migration and invasiveness of prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 343, 848-856.	1.0	55
107	PLC β 3 contributes to metastasis of in situ-occurring mammary and prostate tumors. <i>Oncogene</i> , 2007, 26, 3020-3026.	2.6	55
108	Bi-directional exosome-driven intercommunication between the hepatic niche and cancer cells. <i>Molecular Cancer</i> , 2017, 16, 172.	7.9	55

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109	CXCR3 in carcinoma progression. <i>Histology and Histopathology</i> , 2015, 30, 781-92.	0.5	54
110	Distribution of gelsolin and phosphoinositol 4,5-bisphosphate in lamellipodia during EGF-induced motility. <i>International Journal of Biochemistry and Cell Biology</i> , 2002, 34, 776-790.	1.2	53
111	Glu-Leu-Arg-Negative CXC Chemokine Interferon γ Inducible Protein-9 As a Mediator of Epidermal-Dermal Communication During Wound Repair. <i>Journal of Investigative Dermatology</i> , 2003, 120, 1110-1117.	0.3	53
112	Keloid fibroblast responsiveness to epidermal growth factor and activation of downstream intracellular signaling pathways. <i>Wound Repair and Regeneration</i> , 2004, 12, 183-192.	1.5	53
113	Time series modeling of live-cell shape dynamics for image-based phenotypic profiling. <i>Integrative Biology (United Kingdom)</i> , 2016, 8, 73-90.	0.6	53
114	DU145 human prostate carcinoma invasiveness is modulated by urokinase receptor (uPAR) downstream of epidermal growth factor receptor (EGFR) signaling. <i>Experimental Cell Research</i> , 2004, 299, 91-100.	1.2	52
115	Profilin-1 downregulation has contrasting effects on early vs late steps of breast cancer metastasis. <i>Oncogene</i> , 2014, 33, 2065-2074.	2.6	51
116	CSR1 Suppresses Tumor Growth and Metastasis of Prostate Cancer. <i>American Journal of Pathology</i> , 2006, 168, 597-607.	1.9	50
117	Matrix control of scarring. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 1871-1881.	2.4	50
118	Both actin and polyproline interactions of profilin-1 are required for migration, invasion and capillary morphogenesis of vascular endothelial cells. <i>Experimental Cell Research</i> , 2009, 315, 2963-2973.	1.2	49
119	Profilin-1 overexpression upregulates PTEN and suppresses AKT activation in breast cancer cells. <i>Journal of Cellular Physiology</i> , 2009, 218, 436-443.	2.0	49
120	Matrikine and matricellular regulators of EGF receptor signaling on cancer cell migration and invasion. <i>Laboratory Investigation</i> , 2014, 94, 31-40.	1.7	49
121	Alteration of the Proliferative Response of Fibroblasts Expressing Internalization-Deficient Epidermal Growth Factor (EGF) receptors Is Altered via Differential EGF Depletion Effects. <i>Biotechnology Progress</i> , 1994, 10, 377-384.	1.3	48
122	A microphysiological system model of therapy for liver micrometastases. <i>Experimental Biology and Medicine</i> , 2014, 239, 1170-1179.	1.1	48
123	Multipotent stromal cells/mesenchymal stem cells and fibroblasts combine to minimize skin hypertrophic scarring. <i>Stem Cell Research and Therapy</i> , 2017, 8, 193.	2.4	48
124	STAT3 is required but not sufficient for EGF receptor-mediated migration and invasion of human prostate carcinoma cell lines. <i>British Journal of Cancer</i> , 2006, 95, 164-171.	2.9	47
125	Directional motility induced by epidermal growth factor requires Cdc42. <i>Experimental Cell Research</i> , 2003, 287, 47-56.	1.2	46
126	<i>Celosia argentea</i> Linn. leaf extract improves wound healing in a rat burn wound model. <i>Wound Repair and Regeneration</i> , 2004, 12, 618-625.	1.5	46

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127	ELR-Negative CXC Chemokine CXCL11 (IP-9/I-TAC) Facilitates Dermal and Epidermal Maturation during Wound Repair. <i>American Journal of Pathology</i> , 2008, 173, 643-652.	1.9	46
128	Engineering liver. <i>Hepatology</i> , 2014, 60, 1426-1434.	3.6	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. <i>Stem Cells</i> , 2009, 27, 2804-2814.	1.4	45
131	The Matrikine Tenascin-C Protects Multipotential Stromal Cells/Mesenchymal Stem Cells from Death Cytokines Such as FasL. <i>Tissue Engineering - Part A</i> , 2013, 19, 1972-1983.	1.6	45
132	Surface Tethered Epidermal Growth Factor Protects Proliferating and Differentiating Multipotential Stromal Cells from FasL-Induced Apoptosis. <i>Stem Cells</i> , 2013, 31, 104-116.	1.4	44
133	A Model of Dormant-Emergent Metastatic Breast Cancer Progression Enabling Exploration of Biomarker Signatures. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 619-630.	2.5	43
134	Production of Reactive Oxygen Species by Multipotent Stromal Cells/Mesenchymal Stem Cells upon Exposure to Fas Ligand. <i>Cell Transplantation</i> , 2012, 21, 2171-2187.	1.2	42
135	Mathematical modeling of epidermal growth factor receptor signaling through the phospholipase C pathway: Mechanistic insights and predictions for molecular interventions. <i>Biotechnology and Bioengineering</i> , 2000, 70, 225-238.	1.7	41
136	Luteinising hormone-releasing hormone analogue reverses the cell adhesion profile of EGFR overexpressing DU-145 human prostate carcinoma subline. <i>British Journal of Cancer</i> , 2005, 92, 366-375.	2.9	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. <i>Journal of Biological Chemistry</i> , 2014, 289, 11153-11161.	1.6	41
138	The Nuclear Accumulation of a Variant Epidermal Growth Factor Receptor (EGFR) Lacking the Transmembrane Domain Requires Coexpression of a Full-Length EGFR. <i>Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications</i> , 2000, 3, 8-14.	1.7	39
139	Epidermal Growth Factor Induces CD44 Gene Expression through a Novel Regulatory Element in Mouse Fibroblasts. <i>Journal of Biological Chemistry</i> , 1997, 272, 14139-14146.	1.6	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. <i>Experimental Cell Research</i> , 2003, 289, 359-367.	1.2	38
142	Combined Inhibition of PLC β -1 and c-Src Abrogates Epidermal Growth Factor Receptor-Mediated Head and Neck Squamous Cell Carcinoma Invasion. <i>Clinical Cancer Research</i> , 2008, 14, 4336-4344.	3.2	38
143	MyD88-dependent inflammasome activation and autophagy inhibition contributes to Ehrlichia-induced liver injury and toxic shock. <i>PLoS Pathogens</i> , 2017, 13, e1006644.	2.1	38
144	Biomarker identification for statin sensitivity of cancer cell lines. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 659-665.	1.0	38

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145	Conjunctival goblet cells: Ocular surface functions, disorders that affect them, and the potential for their regeneration. <i>Ocular Surface</i> , 2020, 18, 19-26.	2.2	38
146	Epidermal growth factor induces acute matrix contraction and subsequent calpain-modulated relaxation. <i>Wound Repair and Regeneration</i> , 2002, 10, 67-76.	1.5	37
147	Effectiveness of Casirivimab-Imdevimab and Sotrovimab During a SARS-CoV-2 Delta Variant Surge. <i>JAMA Network Open</i> , 2022, 5, e2220957.	2.8	37
148	Glutamate substitutions at a PKA consensus site are consistent with inactivation of calpain by phosphorylation. <i>FEBS Letters</i> , 2003, 542, 115-118.	1.3	35
149	The influence of tethered epidermal growth factor on connective tissue progenitor colony formation. <i>Biomaterials</i> , 2009, 30, 4629-4638.	5.7	35
150	Î±-Actinin-4 Is Required for Amoeboid-type Invasiveness of Melanoma Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 32717-32728.	1.6	35
151	EBV-expressing AGS gastric carcinoma cell sublines present increased motility and invasiveness. <i>International Journal of Cancer</i> , 2002, 99, 644-651.	2.3	34
152	Primed fibroblasts and exogenous decorin: Potential treatments for subacute vocal fold scar. <i>Otolaryngology - Head and Neck Surgery</i> , 2006, 135, 937-945.	1.1	32
153	Hepatic nonparenchymal cells drive metastatic breast cancer outgrowth and partial epithelial to mesenchymal transition. <i>Breast Cancer Research and Treatment</i> , 2014, 144, 551-560.	1.1	32
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