Kenneth M Yamada

List of Publications by Year
in descending order

295	48,113	1888	1713
papers	citations	102 h-index	213 g-index

388	388	388	35862
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ubiquitin ligases: guardians of mammalian development. Nature Reviews Molecular Cell Biology, 2022, 23, 350-367.	16.1	55
2	Cellâ€“extracellular matrix dynamics. Physical Biology, 2022, 19, 021002.	0.8	37
3	Visualization of trigeminal ganglion sensory neuronal signaling regulated by Cdk5. Cell Reports, 2022, 38, 110458.	2.9	4
4	Cellâ€“3D matrix interactions: recent advances and opportunities. Trends in Cell Biology, 2022, 32, 883-895.	3.6	51
5	Extracellular Matrix in Human Craniofacial Development. Journal of Dental Research, 2022, 101, 495-504.	2.5	3
6	Non-apoptotic activation of Drosophila caspase-2/9 modulates JNK signaling, the tumor microenvironment, and growth of wound-like tumors. Cell Reports, 2022, 39, 110718.	2.9	5
7	3D mesenchymal cell migration is driven by anterior cellular contraction that generates an extracellular matrix prestrain. Developmental Cell, 2021, 56, 826-841.e4.	3.1	59
8	Budding epithelial morphogenesis driven by cell-matrix versus cell-cell adhesion. Cell, 2021, 184, 3702-3716.e30.	13.5	67
9	Hemin activation abrogates MycoplasmaÂhyorhinis replication in chronically infected prostate cancer cells via heme oxygenaseâ€1 induction. FEBS Open Bio, 2021, 11, 2727-2739.	1.0	2
10	Direct comparison of five different 3D extracellular matrix model systems for characterization of cancer cell migration. Cancer Reports, 2020, 3, e1257.	0.6	24
11	The extracellular matrix in development. Development (Cambridge), 2020, 147, .	1.2	210
12	Cell and matrix dynamics in branching morphogenesis. , 2020, , 217-235.		1
13	Basement Membrane Regulates Fibronectin Organization Using Sliding Focal Adhesions Driven by a Contractile Winch. Developmental Cell, 2020, 52, 631-646.e4.	3.1	49
14	Characterization of stitch adhesions: Fibronectin-containing cell-cell contacts formed by fibroblasts. Experimental Cell Research, 2019, 384, 111616.	1.2	10
15	Interaction of Pregnancy-Specific Glycoprotein 1 With Integrin Î‘5Î²1 Is a Modulator of Extravillous Trophoblast Functions. Cells, 2019, 8, 1369.	1.8	30
16	Mechanisms of 3D cell migration. Nature Reviews Molecular Cell Biology, 2019, 20, 738-752.	16.1	539
17	Durotaxis by Human Cancer Cells. Biophysical Journal, 2019, 116, 670-683.	0.2	139
18	Extracellular matrix dynamics in cell migration, invasion and tissue morphogenesis. International Journal of Experimental Pathology, 2019, 100, 144-152.	0.6	72

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19	Basement Membranes in Development and Disease. Current Topics in Developmental Biology, 2018, 130, 143-191.	1.0	131
20	Nrf2-dependent induction of innate host defense via heme oxygenase-1 inhibits Zika virus replication. Virology, 2017, 503, 1-5.	1.1	38
21	Patterned cell and matrix dynamics in branching morphogenesis. Journal of Cell Biology, 2017, 216, 559-570.	2.3	98
22	Activating the nuclear piston mechanism of 3D migration in tumor cells. Journal of Cell Biology, 2017, 216, 93-100.	2.3	86
23	Localized Lysosome Exocytosis Helps Breach Tissue Barriers. Developmental Cell, 2017, 43, 377-378.	3.1	4
24	Dynamic cellâ€“matrix interactions modulate microbial biofilm and tissue 3D microenvironments. Current Opinion in Cell Biology, 2016, 42, 102-112.	2.6	90
25	Multiple mechanisms of 3D migration: the origins of plasticity. Current Opinion in Cell Biology, 2016, 42, 7-12.	2.6	114
26	Post-polymerization crosstalk between the actin cytoskeleton and microtubule network. Bioarchitecture, 2016, 6, 53-59.	1.5	14
27	Cell adhesion to anosmin via Î±5Î²1, Î±4Î²1, and Î±9Î²1 integrins. Cell Adhesion and Migration, 2016, 12, 1-8.	1.1	2
28	Editorial overview: Cell dynamics in development, tissue remodelling, and cancer. Current Opinion in Cell Biology, 2016, 42, iv-vi.	2.6	4
29	Mechanosensing via cell-matrix adhesions in 3D microenvironments. Experimental Cell Research, 2016, 343, 60-66.	1.2	208
30	Therapeutic potential of the heme oxygenase-1 inducer hemin against Ebola virus infection. Current Trends in Immunology, 2016, 17, 117-123.	4.0	7
31	Defective iron homeostasis in human immunodeficiency virus type-1 latency. Current Trends in Immunology, 2016, 17, 125-131.	4.0	2
32	Dense fibrillar collagen is a potent inducer of invadopodia via a specific signaling network. Journal of Cell Biology, 2015, 208, 331-350.	2.3	107
33	Hemin activation of innate cellular response blocks human immunodeficiency virus type-1-induced osteoclastogenesis. Biochemical and Biophysical Research Communications, 2015, 464, 7-12.	1.0	3
34	Rho GEFs and GAPs: Emerging integrators of extracellular matrix signaling. Small GTPases, 2015, 6, 16-19.	0.7	16
35	Reproducibility and cell biology. Journal of Cell Biology, 2015, 209, 191-193.	2.3	17
36	Fibroblasts Lead the Way: A Unified View of 3D Cell Motility. Trends in Cell Biology, 2015, 25, 666-674.	3.6	79

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37	Local 3D matrix microenvironment regulates cell migration through spatiotemporal dynamics of contractility-dependent adhesions. Nature Communications, 2015, 6, 8720.	5.8	374
38	Cell Adhesion and Movement. , 2015, , 61-72.		1
39	MYPT1 regulates contractility and microtubule acetylation to modulate integrin adhesions and matrix assembly. Nature Communications, 2014, 5, 3510.	5.8	60
40	Non-coding RNAs and heme oxygenase-1 in vaccinia virus infection. Biochemical and Biophysical Research Communications, 2014, 454, 84-88.	1.0	2
41	Generation of compartmentalized pressure by a nuclear piston governs cell motility in a 3D matrix. Science, 2014, 345, 1062-1065.	6.0	296
42	Local and global dynamics of the basement membrane during branching morphogenesis require protease activity and actomyosin contractility. Developmental Biology, 2014, 394, 197-205.	0.9	126
43	An extracellular-matrix-specific GEFâ€“GAP interaction regulates Rho GTPase crosstalk for 3D collagen migration. Nature Cell Biology, 2014, 16, 909-917.	4.6	79
44	Dimensions in cell migration. Current Opinion in Cell Biology, 2013, 25, 642-649.	2.6	171
45	Regulation of cell adhesion and migration by cell-derived matrices. Experimental Cell Research, 2013, 319, 2434-2439.	1.2	53
46	Region-specific epithelial cell dynamics during branching morphogenesis. Developmental Dynamics, 2013, 242, C1-C1.	0.8	1
47	ECM-modulated cellular dynamics as a driving force for tissue morphogenesis. Current Opinion in Genetics and Development, 2013, 23, 408-414.	1.5	166
48	Heme oxygenase-1 induction alters chemokine regulation and ameliorates human immunodeficiency virus-type-1 infection in lipopolysaccharide-stimulated macrophages. Biochemical and Biophysical Research Communications, 2013, 435, 373-377.	1.0	17
49	Cloning and characterization of chicken Î±5 integrin: Endogenous and experimental expression in early chicken embryos. Matrix Biology, 2013, 32, 381-386.	1.5	21
50	Cellâ€“ECM Interactions and the Regulation of Epithelial Branching Morphogenesis. Biology of Extracellular Matrix, 2013, , 75-104.	0.3	1
51	Regionâ€specific epithelial cell dynamics during branching morphogenesis. Developmental Dynamics, 2013, 242, 1066-1077.	0.8	44
52	Heme oxygenase-1-mediated host cell response inhibits the susceptibility of prostate cancer cells to retroviral infection and retards their proliferation. Current Trends in Immunology, 2013, 14, 53-56.	4.0	6
53	Viral Gene Transfer to Developing Mouse Salivary Glands. Journal of Dental Research, 2012, 91, 197-202.	2.5	12
54	Microenvironmental control of cell migration: Myosin IIA is required for efficient migration in fibrillar environments through control of cell adhesion dynamics. Journal of Cell Science, 2012, 125, 2244-56.	1.2	105

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55	At the leading edge of three-dimensional cell migration. Journal of Cell Science, 2012, 125, 5917-5926.	1.2	259
56	New dimensions in cell migration. Nature Reviews Molecular Cell Biology, 2012, 13, 743-747.	16.1	212
57	Extracellular Matrix Protein Anosmin Promotes Neural Crest Formation and Regulates FGF, BMP, and WNT Activities. Developmental Cell, 2012, 23, 305-316.	3.1	66
58	Nonpolarized signaling reveals two distinct modes of 3D cell migration. Journal of Cell Biology, 2012, 197, 439-455.	2.3	325
59	Integrin Î±Î²1, Î±vÎ², Î±6Î² effectors p130Cas, Src and talin regulate carcinoma invasion and chemoresistance. Biochemical and Biophysical Research Communications, 2011, 406, 171-176.	1.0	43
60	Direct Comparisons of the Morphology, Migration, Cell Adhesions, and Actin Cytoskeleton of Fibroblasts in Four Different Three-Dimensional Extracellular Matrices. Tissue Engineering - Part A, 2011, 17, 713-724.	1.6	288
61	Cell-matrix adhesions in 3D. Matrix Biology, 2011, 30, 363-368.	1.5	200
62	Dynamic membrane remodeling at invadopodia differentiates invadopodia from podosomes. European Journal of Cell Biology, 2011, 90, 172-180.	1.6	55
63	Molecular Architecture and Function of Matrix Adhesions. Cold Spring Harbor Perspectives in Biology, 2011, 3, a005033-a005033.	2.3	441
64	Dynamics of Salivary Gland Morphogenesis. Journal of Dental Research, 2011, 90, 1070-1077.	2.5	76
65	Salivary Gland Gene Expression Atlas Identifies a New Regulator of Branching Morphogenesis. Journal of Dental Research, 2011, 90, 1078-1084.	2.5	29
66	Tensin 2 modulates cell contractility in 3D collagen gels through the RhoGAP DLC1. Journal of Cellular Biochemistry, 2010, 109, 808-817.	1.2	50
67	Systems analysis of salivary gland development and disease. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2010, 2, 670-682.	6.6	36
68	Sensing tension. Nature, 2010, 466, 192-193.	13.7	16
69	Btbd7 Regulates Epithelial Cell Dynamics and Branching Morphogenesis. Science, 2010, 329, 562-565.	6.0	136
70	Kenneth Yamada: Exploring the paths of cell migration. Journal of Cell Biology, 2010, 188, 178-179.	2.3	0
71	Salivary Gland Branching Morphogenesis â€" Recent Progress and Future Opportunities. International Journal of Oral Science, 2010, 2, 117-126.	3.6	42
72	Î²1 Integrin Cytoplasmic Domain Residues Selectively Modulate Fibronectin Matrix Assembly and Cell Spreading through Talin and Akt-1. Journal of Biological Chemistry, 2009, 284, 8148-8159.	1.6	33

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73	Random versus directionally persistent cell migration. Nature Reviews Molecular Cell Biology, 2009, 10, 538-549.	16.1	835
74	One-dimensional topography underlies three-dimensional fibrillar cell migration. Journal of Cell Biology, 2009, 184, 481-490.	2.3	663
75	Direct visualization of protease activity on cells migrating in three-dimensions. Matrix Biology, 2009, 28, 3-10.	1.5	82
76	ECM Degradation Assays for Analyzing Local Cell Invasion. Methods in Molecular Biology, 2009, 522, 211-219.	0.4	105
77	Extracellular Matrix. Current Protocols in Cell Biology, 2009, 45, 10.0.1.	2.3	4
78	Signal Transduction: Protein Phosphorylation. Current Protocols in Cell Biology, 2009, 43, 14.0.1.	2.3	0
79	Signal Transduction. Current Protocols in Cell Biology, 2008, 41, 14.0.1.	2.3	0
80	Whole Organism and Tissue Analysis. Current Protocols in Cell Biology, 2008, 41, 19.0.1.	2.3	0
81	Functional Live-Cell Imaging Demonstrates that Î²₁-Integrin Promotes Type IV Collagen Degradation by Breast and Prostate Cancer Cells. Molecular Imaging, 2008, 7, 7290.2008.00019.	0.7	27
82	Functional live-cell imaging demonstrates that beta1-integrin promotes type IV collagen degradation by breast and prostate cancer cells. Molecular Imaging, 2008, 7, 199-213.	0.7	22
83	Of Mice and Men. Cell Adhesion and Migration, 2007, 1, 152-155.	1.1	19
84	Oncogenic inhibition by a deleted in liver cancer gene requires cooperation between tensin binding and Rho-specific GTPase-activating protein activities. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9012-9017.	3.3	174
85	Polymerizing Actin Fibers Position Integrins Primed to Probe for Adhesion Sites. Science, 2007, 315, 992-995.	6.0	270
86	Antibodies against a multiple-peptide conjugate comprising chemically modified human immunodeficiency virus type-1 functional Tat peptides inhibit infection. Peptides, 2007, 28, 496-504.	1.2	7
87	Src-Dependent Phosphorylation of ASAP1 Regulates Podosomes. Molecular and Cellular Biology, 2007, 27, 8271-8283.	1.1	93
88	Modeling Tissue Morphogenesis and Cancer in 3D. Cell, 2007, 130, 601-610.	13.5	1,557
89	Self-Organization and Branching Morphogenesis of Primary Salivary Epithelial Cells. Tissue Engineering, 2007, 13, 721-735.	4.9	131
90	Cellâ€“matrix adhesion. Journal of Cellular Physiology, 2007, 213, 565-573.	2.0	788

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91	Myosin IIA regulates cell motility and actomyosinâ€“microtubule crosstalk. Nature Cell Biology, 2007, 9, 299-309.	4.6	435
92	Three-dimensional microenvironments modulate fibroblast signaling responsesâ˜†. Advanced Drug Delivery Reviews, 2007, 59, 1293-1298.	6.6	112
93	Co-localization of cortactin and phosphotyrosine identifies active invadopodia in human breast cancer cells. Experimental Cell Research, 2006, 312, 1240-1253.	1.2	157
94	Salivary Gland Branching Morphogenesis : Exploration of Molecular Mechanisms Using Laser Microdissection and T7-SAGE. Journal of Oral Biosciences, 2006, 48, 1-6.	0.8	0
95	Matrix Control of Stem Cell Fate. Cell, 2006, 126, 645-647.	13.5	258
96	Selective side-chain modification of cysteine and arginine residues blocks pathogenic activity of HIV-1-Tat functional peptides. Peptides, 2006, 27, 611-621.	1.2	3
97	Extracellular Matrix. Current Protocols in Cell Biology, 2006, 33, 10.0.1.	2.3	0
98	The matrix reorganized: extracellular matrix remodeling and integrin signaling. Current Opinion in Cell Biology, 2006, 18, 463-471.	2.6	441
99	Fibronectin. Advances in Enzymology and Related Areas of Molecular Biology, 2006, 59, 1-57.	1.3	54
100	Fibronectin and Cell Adhesion: Specificity of Integrin-Ligand Interaction. Advances in Enzymology and Related Areas of Molecular Biology, 2006, 70, 1-21.	1.3	13
101	Inhibition of Rho GTPases by RNA Interference. Methods in Enzymology, 2006, 406, 345-361.	0.4	4
102	Dynamic Interactions of Cortactin and Membrane Type 1 Matrix Metalloproteinase at Invadopodia: Defining the Stages of Invadopodia Formation and Function. Cancer Research, 2006, 66, 3034-3043.	0.4	528
103	Cell and fibronectin dynamics during branching morphogenesis. Journal of Cell Science, 2006, 119, 3376-3384.	1.2	209
104	Salivary Gland Branching Morphogenesis: Exploration of Molecular Mechanisms Using Laser Microdissection and T7-SAGE. Journal of Oral Biosciences, 2006, 48, 1-6.	0.8	0
105	Cell migration in 3D matrix. Current Opinion in Cell Biology, 2005, 17, 524-532.	2.6	426
106	JSAP1/JIP3 Cooperates with Focal Adhesion Kinase to Regulate c-Jun N-terminal Kinase and Cell Migration. Journal of Biological Chemistry, 2005, 280, 37772-37781.	1.6	59
107	Dual function of focal adhesion kinase in regulating integrinâ€induced MMPâ€2 and MMPâ€9 release by human T lymphoid cells. FASEB Journal, 2005, 19, 1875-1877.	0.2	46
108	A specific Î±5Î²1-integrin conformation promotes directional integrin translocation and fibronectin matrix formation. Journal of Cell Science, 2005, 118, 291-300.	1.2	115

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109	A Rac switch regulates random versus directionally persistent cell migration. Journal of Cell Biology, 2005, 170, 793-802.	2.3	400
110	Dickkopf-1 (DKK1) reveals that fibronectin is a major target of Wnt signaling in branching morphogenesis of the mouse embryonic lung. Developmental Biology, 2005, 277, 316-331.	0.9	193
111	The KrÃ¼ppel-like Factor Epiprofin Is Expressed by Epithelium of Developing Teeth, Hair Follicles, and Limb Buds and Promotes Cell Proliferation. Journal of Biological Chemistry, 2004, 279, 626-634.	1.6	82
112	Mechanisms for Macrophage-Mediated HIV-1 Induction. Journal of Immunology, 2004, 173, 6735-6744.	0.4	50
113	Defects in Cell Adhesion and the Visceral Endoderm following Ablation of Nonmuscle Myosin Heavy Chain II-A in Mice. Journal of Biological Chemistry, 2004, 279, 41263-41266.	1.6	297
114	What's in a picture? The temptation of image manipulation. Journal of Cell Biology, 2004, 166, 11-15.	2.3	350
115	High-throughput investigation of osteoblast response to polymer crystallinity: influence of nanometer-scale roughness on proliferation. Biomaterials, 2004, 25, 1215-1224.	5.7	282
116	Molecular Analysis of Salivary Gland Branching Morphogenesis. Oral Science International, 2004, 1, 16-21.	0.3	1
117	Glycogen synthase kinase-3 regulates cytoskeleton and translocation of Rac1 in long cellular extensions of human keratinocytes. Experimental Cell Research, 2004, 293, 68-80.	1.2	33
118	Nonâ€Radioactive Quantification of Fibronectin Matrix Assembly. Current Protocols in Cell Biology, 2004, 25, Unit 10.13.	2.3	8
119	Fibronectin requirement in branching morphogenesis. Nature, 2003, 423, 876-881.	13.7	490
120	Tumour jailbreak. Nature, 2003, 424, 889-890.	13.7	20
121	Phosphatases in cellâ€“matrix adhesion and migration. Nature Reviews Molecular Cell Biology, 2003, 4, 700-711.	16.1	121
122	Differentiation of human bone marrow-derived cells into buccal epithelial cells in vivo: a molecular analytical study. Lancet, The, 2003, 361, 1084-1088.	6.3	169
123	Role of PI 3-kinase and PIP3 in submandibular gland branching morphogenesis. Developmental Biology, 2003, 255, 178-191.	0.9	89
124	Cellâ€“Matrix Adhesions on Poly(vinyl alcohol) Hydrogels. Tissue Engineering, 2003, 9, 525-533.	4.9	49
125	Targeting Membrane-localized Focal Adhesion Kinase to Focal Adhesions. Journal of Biological Chemistry, 2003, 278, 29115-29120.	1.6	77
126	uPARAP/Endo180 is essential for cellular uptake of collagen and promotes fibroblast collagen adhesion. Journal of Cell Biology, 2003, 160, 1009-1015.	2.3	166

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127	Tyrosine phosphorylation of the CrkII adaptor protein modulates cell migration. Journal of Cell Science, 2003, 116, 3145-3155.	1.2	57
128	Specific Î²1 Integrin Site Selectively Regulates Akt/Protein Kinase B Signaling via Local Activation of Protein Phosphatase 2A. Journal of Biological Chemistry, 2003, 278, 18671-18681.	1.6	81
129	Cell Adhesion. Current Protocols in Cell Biology, 2003, 18, 9.0.1.	2.3	1
130	Chemokine stimulation of human peripheral blood T lymphocytes induces rapid dephosphorylation of ERM proteins, which facilitates loss of microvilli and polarization. Blood, 2003, 102, 3890-3899.	0.6	135
131	The Focal Adhesion: A Network of Molecular Interactions. , 2003, , 317-321.		0
132	CrkI adapter protein modulates cell migration and invasion in glioblastoma. Cancer Research, 2003, 63, 2335-7.	0.4	62
133	Absence of Tight Junction Formation in an Allogeneic Graft Cell Line Used for Developing an Engineered Artificial Salivary Gland. Tissue Engineering, 2002, 8, 871-878.	4.9	49
134	Laminin-10/11 and Fibronectin Differentially Prevent Apoptosis Induced by Serum Removal via Phosphatidylinositol 3-Kinase/Akt- and MEK1/ERK-dependent Pathways. Journal of Biological Chemistry, 2002, 277, 19922-19928.	1.6	106
135	Fibronectin at a glance. Journal of Cell Science, 2002, 115, 3861-3863.	1.2	1,662
136	Microanalysis of Gene Expression in Tissues Using T7â€SAGE: Serial Analysis of Gene Expression After Highâ€Fidelity T7â€Based RNA Amplification. Current Protocols in Cell Biology, 2002, 16, Unit 19.3.	2.3	8
137	Synergistic activity of fibronectin and fibroblast growth factor receptors on neuronal adhesion and neurite extension through extracellular signal-regulated kinase pathway. Biochemical and Biophysical Research Communications, 2002, 295, 898-902.	1.0	25
138	Tissue Compatibility of Two Biodegradable Tubular Scaffolds Implanted Adjacent to Skin or Buccal Mucosa in Mice. Tissue Engineering, 2002, 8, 649-659.	4.9	39
139	The relationship between force and focal complex development. Journal of Cell Biology, 2002, 159, 695-705.	2.3	812
140	Direct transmembrane clustering and cytoplasmic dimerization of focal adhesion kinase initiates its tyrosine phosphorylation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2002, 1592, 141-152.	1.9	34
141	Cell interactions with three-dimensional matrices. Current Opinion in Cell Biology, 2002, 14, 633-640.	2.6	806
142	Cell-to-cell contact and extracellular matrix. Current Opinion in Cell Biology, 2002, 14, 527-530.	2.6	6
143	Cell-Cell Adhesion and RhoA-Mediated Actin Polymerization are Independent Phenomena in Microtubule Disrupted Keratinocytes. Journal of Investigative Dermatology, 2002, 119, 440-448.	0.3	14
144	A scaffold protein in the c-Jun N-terminal kinase signaling pathway is associated with focal adhesion kinase and tyrosine-phosphorylated. Oncogene, 2002, 21, 6488-6497.	2.6	28

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145	Survival in three dimensions. Nature, 2002, 419, 790-791.	13.7	47
146	Integrin regulation of growth factor receptors. Nature Cell Biology, 2002, 4, E75-E76.	4.6	269
147	Involvement of Integrin Î±vÎ²3 in the Pathogenesis of Human Immunodeficiency Virus Type 1 Infection in Monocytes. Virology, 2002, 297, 31-38.	1.1	20
148	Integrin clustering induces kinectin accumulation. Journal of Cell Science, 2002, 115, 2031-2040.	1.2	53
149	Integrin clustering induces kinectin accumulation. Journal of Cell Science, 2002, 115, 2031-40.	1.2	45
150	Taking Cell-Matrix Adhesions to the Third Dimension. Science, 2001, 294, 1708-1712.	6.0	2,735
151	Fibronectin, integrins, and growth control. Journal of Cellular Physiology, 2001, 189, 1-13.	2.0	409
152	Adhesion of epithelial cells to fibronectin or collagen I induces alterations in gene expression via a protein kinase C-dependent mechanism. Journal of Cellular Physiology, 2001, 189, 79-90.	2.0	14
153	Transmembrane crosstalk between the extracellular matrix and the cytoskeleton. Nature Reviews Molecular Cell Biology, 2001, 2, 793-805.	16.1	2,046
154	Cutting Edge: Integration of Human T Lymphocyte Cytoskeleton by the Cytolinker Plectin. Journal of Immunology, 2001, 167, 641-645.	0.4	38
155	Using HSV-Thymidine Kinase for Safety in an Allogeneic Salivary Graft Cell Line. Tissue Engineering, 2001, 7, 405-413.	4.9	13
156	Tumor suppressor PTEN: modulator of cell signaling, growth, migration and apoptosis. Journal of Cell Science, 2001, 114, 2375-2382.	1.2	397
157	Dynamics and segregation of cellâ€“matrix adhesions in cultured fibroblasts. Nature Cell Biology, 2000, 2, 191-196.	4.6	652
158	Physical State of the Extracellular Matrix Regulates the Structure and Molecular Composition of Cell-Matrix Adhesions. Molecular Biology of the Cell, 2000, 11, 1047-1060.	0.9	390
159	The Growth and Morphological Behavior of Salivary Epithelial Cells on Matrix Protein-Coated Biodegradable Substrata. Tissue Engineering, 2000, 6, 209-216.	4.9	103
160	Integrin Dynamics and Matrix Assembly. Journal of Cell Biology, 2000, 148, 1075-1090.	2.3	432
161	Dual Stimulation of Ras/Mitogen-Activated Protein Kinase and Rhoa by Cell Adhesion to Fibronectin Supports Growth Factorâ€“Stimulated Cell Cycle Progression. Journal of Cell Biology, 2000, 151, 1413-1422.	2.3	107
162	Tensin Can Induce JNK and p38 Activation. Biochemical and Biophysical Research Communications, 2000, 272, 717-720.	1.0	21

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163	Immunization with a novel HIV-1-Tat multiple-peptide conjugate induces effective immune response in mice. Peptides, 2000, 21, 1839-1847.	1.2	14
164	Fibronectin peptides in cell migration and wound repair. Journal of Clinical Investigation, 2000, 105, 1507-1509.	3.9	66
165	Activation of DNA Synthesis and AP-1 by Profilin, an Actin-Binding Protein, via Binding to a Cell Surface Receptor in Cultured Rat Mesangial Cells. Journal of the American Society of Nephrology: JASN, 2000, 11, 1620-1630.	3.0	23
166	Vinexin: A Novel Vinculin-binding Protein with Multiple SH3 Domains Enhances Actin Cytoskeletal Organization. Journal of Cell Biology, 1999, 144, 59-69.	2.3	171
167	Divergent Signaling Pathways Link Focal Adhesion Kinase to Mitogen-activated Protein Kinase Cascades. Journal of Biological Chemistry, 1999, 274, 30738-30746.	1.6	77
168	Vinexin Forms a Signaling Complex with Sos and Modulates Epidermal Growth Factor-induced c-Jun N-terminal Kinase/Stress-activated Protein Kinase Activities. Journal of Biological Chemistry, 1999, 274, 35933-35937.	1.6	43
169	Shc and Fak Differentially Regulate Cell Motility and Directionality Modulated by Pten. Journal of Cell Biology, 1999, 146, 389-404.	2.3	390
170	Mutation of Pten/Mmac1 in mice causes neoplasia in multiple organ systems. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 1563-1568.	3.3	912
171	PTEN Interactions with Focal Adhesion Kinase and Suppression of the Extracellular Matrix-dependent Phosphatidylinositol 3-Kinase/Akt Cell Survival Pathway. Journal of Biological Chemistry, 1999, 274, 20693-20703.	1.6	326
172	Extracellular matrix protein-induced changes in human salivary epithelial cell organization and proliferation on a model biological substratum. Biomaterials, 1999, 20, 1043-1049.	5.7	38
173	Reâ€engineering the Functions of a Terminally Differentiated Epithelial Cell in Vivo. Annals of the New York Academy of Sciences, 1999, 875, 294-300.	1.8	54
174	De novo expression of pp125FAK in human macrophages regulates CSK distribution and MAP kinase activation but does not affect focal contact structure. , 1999, 178, 164-172.		6
175	Effector domain mutants of Rho dissociate cytoskeletal changes from nuclear signaling and cellular transformation. Oncogene, 1998, 17, 991-998.	2.6	57
176	Integrins and Matrix Molecules in Salivary Gland Cell Adhesion, Signaling, and Gene Expression. Annals of the New York Academy of Sciences, 1998, 842, 42-48.	1.8	45
177	Fibronectin and Integrins in Cell Adhesion, Signaling, and Morphogenesis. Annals of the New York Academy of Sciences, 1998, 857, 119-129.	1.8	216
178	Slug mRNA is expressed by specific mesodermal derivatives during rodent organogenesis. , 1998, 213, 182-187.		41
179	Adhesion to fibronectin or collagen I gel induces rapid, extensive, biosynthetic alterations in epithelial cells. , 1998, 175, 163-173.		36
180	Integrin Signaling: Cytoskeletal Complexes, MAP Kinase Activation, and Regulation of Gene Expression. Cell Adhesion and Communication, 1998, 6, 217-224.	1.7	66

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181	Modulation of Cellâ€“Cell Adherens Junctions by Surface Clustering of the N-Cadherin Cytoplasmic Tail. Experimental Cell Research, 1998, 243, 415-424.	1.2	38
182	Solution structure and dynamics of linked cell attachment modules of mouse fibronectin containing the RGD and synergy regions: comparison with the human fibronectin crystal structure 1 1Edited by P. E. Wright. Journal of Molecular Biology, 1998, 277, 663-682.	2.0	146
183	Inhibition of Cell Migration, Spreading, and Focal Adhesions by Tumor Suppressor PTEN. Science, 1998, 280, 1614-1617.	6.0	1,113
184	Tumor Suppressor PTEN Inhibits Integrin- and Growth Factorâ€“mediated Mitogen-activated Protein (MAP) Kinase Signaling Pathways. Journal of Cell Biology, 1998, 143, 1375-1383.	2.3	314
185	The Zinc-Finger Protein Slug Causes Desmosome Dissociation, an Initial and Necessary Step for Growth Factorâ€“induced Epithelialâ€“Mesenchymal Transition. Journal of Cell Biology, 1997, 137, 1403-1419.	2.3	473
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