Yunfeng Feng

List of Publications by Year
in descending order

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37 papers	2,809 citations	186265 28 h-index	361022 35 g-index
38 all docs	38 docs citations	38 times ranked	4518 citing authors

#	Article	IF	Citations
1	A distinctive role for focal adhesion proteins in three-dimensional cell motility. Nature Cell Biology, 2010, 12, 598-604.	10.3	525
2	Ajuba LIM Proteins Are Negative Regulators of the Hippo Signaling Pathway. Current Biology, 2010, 20, 657-662.	3.9	240
3	Three-dimensional matrix fiber alignment modulates cell migration and MT1-MMP utility by spatially and temporally directing protrusions. Scientific Reports, 2015, 5, 14580.	3.3	183
4	Actin cap associated focal adhesions and their distinct role in cellular mechanosensing. Scientific Reports, 2012, 2, 555.	3.3	159
5	The LIM protein Ajuba influences p130Cas localization and Rac1 activity during cell migration. Journal of Cell Biology, 2005, 168, 813-824.	5.2	106
6	Ajuba LIM Proteins Are Snail/Slug Corepressors Required for Neural Crest Development in Xenopus. Developmental Cell, 2008, 14, 424-436.	7.0	106
7	Curcumin inhibits gene expression of receptor for advanced glycation endâ€products (RAGE) in hepatic stellate cells ‹i›in vitro‹/i› by elevating PPARÎ³ activity and attenuating oxidative stress. British Journal of Pharmacology, 2012, 166, 2212-2227.	5.4	100
8	Cytoplasmic retention of HIV-1 regulatory protein Vpr by protein-protein interaction with a novel human cytoplasmic protein VprBP. Gene, 2001, 263, 131-140.	2.2	95
9	Dimensional and temporal controls of three-dimensional cell migration by zyxin and binding partners. Nature Communications, 2012, 3, 719.	12.8	92
10	Ras-Associated Protein-1 Regulates Extracellular Signal-Regulated Kinase Activation and Migration in Melanoma Cells: Two Processes Important to Melanoma Tumorigenesis and Metastasis. Cancer Research, 2006, 66, 7880-7888.	0.9	91
11	The LIMD1 protein bridges an association between the prolyl hydroxylases and VHL to repress HIF-1 activity. Nature Cell Biology, 2012, 14, 201-208.	10.3	77
12	The LIM Protein Ajuba Influences Interleukin-1-Induced NF-ÎºB Activation by Affecting the Assembly and Activity of the Protein Kinase CÎ¶/p62/TRAF6 Signaling Complex. Molecular and Cellular Biology, 2005, 25, 4010-4022.	2.3	73
13	Down-regulation of Rap1GAP via Promoter Hypermethylation Promotes Melanoma Cell Proliferation, Survival, and Migration. Cancer Research, 2009, 69, 449-457.	0.9	73
14	Î±-Catenin mediates initial E-cadherin-dependent cellâ€“cell recognition and subsequent bond strengthening. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18331-18336.	7.1	70
15	Immune-checkpoint protein VISTA critically regulates the IL-23/IL-17 inflammatory axis. Scientific Reports, 2017, 7, 1485.	3.3	68
16	LIM-domain proteins, LIMD1, Ajuba, and WTIP are required for microRNA-mediated gene silencing. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12499-12504.	7.1	61
17	The LIM Protein Ajuba Regulates Phosphatidylinositol 4,5-Bisphosphate Levels in Migrating Cells through an Interaction with and Activation of PIPKIÎ±. Molecular and Cellular Biology, 2005, 25, 3956-3966.	2.3	58
18	Actin stress fiber preâ€extension in human aortic endothelial cells. Cytoskeleton, 2008, 65, 281-294.	4.4	58

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19	PLEKHM1/DEF8/RAB7 complex regulates lysosome positioning and bone homeostasis. JCI Insight, 2016, 1, e86330.	5.0	57
20	Loss of Î±-Catenin Decreases the Strength of Single E-cadherin Bonds between Human Cancer Cells. Journal of Biological Chemistry, 2009, 284, 18252-18259.	3.4	54
21	Direct binding to nucleic acids by Vpr of human immunodeficiency virus type 1. Gene, 1998, 212, 157-166.	2.2	53
22	Reply: reducing background fluorescence reveals adhesions in 3D matrices. Nature Cell Biology, 2011, 13, 5-7.	10.3	53
23	LIM protein Ajuba functions as a nuclear receptor corepressor and negatively regulates retinoic acid signaling. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2938-2943.	7.1	47
24	The LIM Protein, LIMD1, Regulates AP-1 Activation through an Interaction with TRAF6 to Influence Osteoclast Development. Journal of Biological Chemistry, 2007, 282, 39-48.	3.4	46
25	Effect of Focal Adhesion Proteins on Endothelial Cell Adhesion, Motility and Orientation Response to Cyclic Strain. Annals of Biomedical Engineering, 2010, 38, 208-222.	2.5	45
26	Phosphatidylinositol 3-Kinase Activation Is Required To Form the NKG2D Immunological Synapse. Molecular and Cellular Biology, 2007, 27, 8583-8599.	2.3	42
27	LIS1 Regulates Osteoclast Formation and Function through Its Interactions with Dynein/Dynactin and Plekhm1. PLoS ONE, 2011, 6, e27285.	2.5	42
28	A Multifunctional Lentiviral-Based Gene Knockdown with Concurrent Rescue that Controls for Off-Target Effects of RNAi. Genomics, Proteomics and Bioinformatics, 2010, 8, 238-245.	6.9	40
29	Mst1 Kinase Regulates the Actin-Bundling Protein L-Plastin To Promote T Cell Migration. Journal of Immunology, 2016, 197, 1683-1691.	0.8	32
30	Î±-Actinin1 and 4 tyrosine phosphorylation is critical for stress fiber establishment, maintenance and focal adhesion maturation. Experimental Cell Research, 2013, 319, 1124-1135.	2.6	28
31	Regulation of U6 Promoter Activity by Transcriptional Interference in Viral Vector-Based RNAi. Genomics, Proteomics and Bioinformatics, 2010, 8, 170-179.	6.9	17
32	Î²-Catenin Serves as a Clutch between Low and High Intercellular E-Cadherin Bond Strengths. Biophysical Journal, 2013, 105, 2289-2300.	0.5	11
33	Prediction of Sphingosine 1-Phosphate-Stimulated Endothelial Cell Migration Rates Using Biochemical Measurements. Annals of Biomedical Engineering, 2010, 38, 2775-2790.	2.5	3
34	Incorporation of DDR2 clusters into collagen matrix via integrin-dependent posterior remnant tethering. International Journal of Biological Sciences, 2018, 14, 654-666.	6.4	2
35	Active MT1-MMP is tethered to collagen fibers in DDR2-containing remnants. Gene, 2021, 788, 145673.	2.2	2
36	Surface Protrusion of Human Umbilical Vein Endothelial Cells. Biophysical Journal, 2011, 100, 190a.	0.5	0

#	Article	IF	Citations
37	Endothelial Surface Protrusion by a Point Load. Biophysical Journal, 2014, 106, 172a.	0.5	0