

Kensaku Mizuno

List of Publications by Year in descending order

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155
papers

14,770
citations

17405

63
h-index

19136

118
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156
all docs

156
docs citations

156
times ranked

13364
citing authors

#	ARTICLE	IF	CITATIONS
1	Signaling from Rho to the Actin Cytoskeleton Through Protein Kinases ROCK and LIM-kinase. <i>Science</i> , 1999, 285, 895-898.	6.0	1,403
2	Cofilin phosphorylation by LIM-kinase 1 and its role in Rac-mediated actin reorganization. <i>Nature</i> , 1998, 393, 809-812.	13.7	1,183
3	Hippocampal LTP Is Accompanied by Enhanced F-Actin Content within the Dendritic Spine that Is Essential for Late LTP Maintenance In Vivo. <i>Neuron</i> , 2003, 38, 447-460.	3.8	621
4	Control of Actin Reorganization by Slingshot, a Family of Phosphatases that Dephosphorylate ADF/Cofilin. <i>Cell</i> , 2002, 108, 233-246.	13.5	601
5	Rho-associated Kinase ROCK Activates LIM-kinase 1 by Phosphorylation at Threonine 508 within the Activation Loop. <i>Journal of Biological Chemistry</i> , 2000, 275, 3577-3582.	1.6	442
6	Identification of the Product of Growth Arrest-specific Gene 6 as a Common Ligand for Axl, Sky, and Mer Receptor Tyrosine Kinases. <i>Journal of Biological Chemistry</i> , 1996, 271, 30022-30027.	1.6	439
7	Signaling mechanisms and functional roles of cofilin phosphorylation and dephosphorylation. <i>Cellular Signalling</i> , 2013, 25, 457-469.	1.7	319
8	Phosphorylation of cofilin by LIM-kinase is necessary for semaphorin 3A-induced growth cone collapse. <i>Nature Neuroscience</i> , 2001, 4, 367-373.	7.1	318
9	A Critical Role for a Rho-Associated Kinase, p160ROCK, in Determining Axon Outgrowth in Mammalian CNS Neurons. <i>Neuron</i> , 2000, 26, 431-441.	3.8	284
10	Yeast KEX2 gene encodes an endopeptidase homologous to subtilisin-like serine proteases. <i>Biochemical and Biophysical Research Communications</i> , 1988, 156, 246-254.	1.0	260
11	Cofilin Phosphorylation by Protein Kinase Testicular Protein Kinase 1 and Its Role in Integrin-mediated Actin Reorganization and Focal Adhesion Formation. <i>Molecular Biology of the Cell</i> , 2001, 12, 1131-1145.	0.9	240
12	Protein-Protein Interaction of Zinc Finger LIM Domains with Protein Kinase C. <i>Journal of Biological Chemistry</i> , 1996, 271, 31029-31032.	1.6	233
13	Protein kinase D1 regulates cofilin-mediated F-actin reorganization and cell motility through slingshot. <i>Nature Cell Biology</i> , 2009, 11, 545-556.	4.6	231
14	Cell Adhesion to Phosphatidylserine Mediated by a Product of Growth Arrest-specific Gene 6. <i>Journal of Biological Chemistry</i> , 1997, 272, 29411-29414.	1.6	219
15	Control of Growth Cone Motility and Morphology by LIM Kinase and Slingshot via Phosphorylation and Dephosphorylation of Cofilin. <i>Journal of Neuroscience</i> , 2003, 23, 2527-2537.	1.7	207
16	Calcium Signal-induced Cofilin Dephosphorylation Is Mediated by Slingshot via Calcineurin. <i>Journal of Biological Chemistry</i> , 2005, 280, 12683-12689.	1.6	199
17	Spatial and temporal regulation of cofilin activity by LIM kinase and Slingshot is critical for directional cell migration. <i>Journal of Cell Biology</i> , 2005, 171, 349-359.	2.3	190
18	Global phosphorylation analysis of β -arrestin ¹ -mediated signaling downstream of a seven transmembrane receptor (7TMR). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15299-15304.	3.3	182

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19	Identification and Characterization of a Novel Family of Serine/Threonine Kinases Containing Two N-terminal LIM Motifs. <i>Journal of Biological Chemistry</i> , 1995, 270, 31321-31330.	1.6	175
20	A pathway of neuregulin-induced activation of cofilin-phosphatase Slingshot and cofilin in lamellipodia. <i>Journal of Cell Biology</i> , 2004, 165, 465-471.	2.3	175
21	Cofilin promotes stimulus-induced lamellipodium formation by generating an abundant supply of actin monomers. <i>Journal of Cell Biology</i> , 2007, 177, 465-476.	2.3	155
22	MAPKAPK-2-mediated LIM-kinase activation is critical for VEGF-induced actin remodeling and cell migration. <i>EMBO Journal</i> , 2006, 25, 713-726.	3.5	151
23	LIM-kinase 2 induces formation of stress fibres, focal adhesions and membrane blebs, dependent on its activation by Rho-associated kinase-catalysed phosphorylation at threonine-505. <i>Biochemical Journal</i> , 2001, 354, 149-159.	1.7	139
24	Roles of the cytoskeleton, cell adhesion and rho signalling in mechanosensing and mechanotransduction. <i>Journal of Biochemistry</i> , 2017, 161, mvw082.	0.9	136
25	A new family of endogenous μ -opioid receptor agonists from bovine adrenal medulla: purification and structure of docosa- (BAM-22P) and eicosapeptide (BAM-20P) with very potent opiate activity. <i>Biochemical and Biophysical Research Communications</i> , 1980, 97, 1283-1290.	1.0	132
26	Stromal Cell-Derived Factor 1 α Activates LIM Kinase 1 and Induces Cofilin Phosphorylation for T-Cell Chemotaxis. <i>Molecular and Cellular Biology</i> , 2002, 22, 774-783.	1.1	125
27	Cancer susceptibility and embryonic lethality in Mob1a/1b double-mutant mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 4505-4518.	3.9	125
28	Characterization of KEX2-encoded endopeptidase from yeast <i>Saccharomyces cerevisiae</i> . <i>Biochemical and Biophysical Research Communications</i> , 1989, 159, 305-311.	1.0	122
29	Cofilin Phosphorylation and Actin Reorganization Activities of Testicular Protein Kinase 2 and Its Predominant Expression in Testicular Sertoli Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 31449-31458.	1.6	121
30	LIM Kinase and Slingshot Are Critical for Neurite Extension. <i>Journal of Biological Chemistry</i> , 2007, 282, 13692-13702.	1.6	113
31	LIM-kinase 2 induces formation of stress fibres, focal adhesions and membrane blebs, dependent on its activation by Rho-associated kinase-catalysed phosphorylation at threonine-505. <i>Biochemical Journal</i> , 2001, 354, 149.	1.7	107
32	Differential activities, subcellular distribution and tissue expression patterns of three members of Slingshot family phosphatases that dephosphorylate cofilin. <i>Genes To Cells</i> , 2003, 8, 811-824.	0.5	101
33	Phosphoinositide 3-Kinase-mediated Activation of Cofilin Phosphatase Slingshot and Its Role for Insulin-induced Membrane Protrusion. <i>Journal of Biological Chemistry</i> , 2004, 279, 7193-7198.	1.6	101
34	Gas6 Regulates Mesangial Cell Proliferation through Axl in Experimental Glomerulonephritis. <i>American Journal of Pathology</i> , 2001, 158, 1423-1432.	1.9	100
35	Actin-depolymerizing Factor Cofilin-1 Is Necessary in Maintaining Mature Podocyte Architecture. <i>Journal of Biological Chemistry</i> , 2010, 285, 22676-22688.	1.6	97
36	MST2- and Furry-Mediated Activation of NDR1 Kinase Is Critical for Precise Alignment of Mitotic Chromosomes. <i>Current Biology</i> , 2009, 19, 675-681.	1.8	96

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37	Stimulation of Sky Receptor Tyrosine Kinase by the Product of Growth Arrest-specific Gene 6. <i>Journal of Biological Chemistry</i> , 1995, 270, 22681-22684.	1.6	95
38	Cofilin-Mediated F-Actin Severing Is Regulated by the Rap GTPase and Controls the Cytoskeletal Dynamics That Drive Lymphocyte Spreading and BCR Microcluster Formation. <i>Journal of Immunology</i> , 2011, 187, 5887-5900.	0.4	95
39	Novel C-terminally amidated opioid peptide in human pheochromocytoma tumour. <i>Nature</i> , 1983, 305, 721-723.	13.7	92
40	Mitosis-specific Activation of LIM Motif-containing Protein Kinase and Roles of Cofilin Phosphorylation and Dephosphorylation in Mitosis. <i>Journal of Biological Chemistry</i> , 2002, 277, 22093-22102.	1.6	92
41	Cell Cycle-associated Changes in Slingshot Phosphatase Activity and Roles in Cytokinesis in Animal Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 33450-33455.	1.6	92
42	A new endogenous opioid peptide from bovine adrenal medulla: Isolation and amino acid sequence of a dodecapeptide (BAM-12P). <i>Biochemical and Biophysical Research Communications</i> , 1980, 95, 1482-1488.	1.0	91
43	Direct stimulation of receptor-controlled phospholipase D1 by phospho-cofilin. <i>EMBO Journal</i> , 2007, 26, 4189-4202.	3.5	91
44	Cloning and characterization of a novel mouse immunoglobulin superfamily gene expressed in early spermatogenic cells. <i>Molecular Reproduction and Development</i> , 2001, 60, 158-164.	1.0	90
45	F- and G-actin homeostasis regulates mechanosensitive actin nucleation by formins. <i>Nature Cell Biology</i> , 2013, 15, 395-405.	4.6	90
46	A novel protease from yeast with specificity towards paired basic residues. <i>Nature</i> , 1984, 309, 558-560.	13.7	88
47	Gas6 Induces Mesangial Cell Proliferation via Latent Transcription Factor STAT3. <i>Journal of Biological Chemistry</i> , 2001, 276, 42364-42369.	1.6	87
48	Alteration of phosphatidylinositol 3-kinase cascade in the multilobulated nuclear formation of adult T cell leukemia/lymphoma (ATLL). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15213-15218.	3.3	86
49	Rho-guanine nucleotide exchange factors involved in cyclic stretch-induced reorientation of vascular endothelial cells. <i>Journal of Cell Science</i> , 2015, 128, 1683-95.	1.2	86
50	NDR2-mediated Rabin8 phosphorylation is crucial for ciliogenesis by switching binding specificity from phosphatidylserine to Sec15. <i>EMBO Journal</i> , 2013, 32, 874-885.	3.5	83
51	The Slingshot Family of Phosphatases Mediates Rac1 Regulation of Cofilin Phosphorylation, Laminin-332 Organization, and Motility Behavior of Keratinocytes. <i>Journal of Biological Chemistry</i> , 2007, 282, 32520-32528.	1.6	81
52	Measurements of spatiotemporal changes in G-actin concentration reveal its effect on stimulus-induced actin assembly and lamellipodium extension. <i>Journal of Cell Biology</i> , 2011, 193, 365-380.	2.3	81
53	Peptide C-terminal $\hat{\epsilon}$ -amidating enzyme purified to homogeneity from <i>Xenopus laevis</i> skin. <i>Biochemical and Biophysical Research Communications</i> , 1986, 137, 984-991.	1.0	80
54	Cloning and sequence of cDNA encoding a peptide C-terminal $\hat{\epsilon}$ -amidating enzyme from <i>Xenopus laevis</i> . <i>Biochemical and Biophysical Research Communications</i> , 1987, 148, 546-552.	1.0	79

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55	LIM Kinase-mediated Cofilin Phosphorylation during Mitosis Is Required for Precise Spindle Positioning. <i>Journal of Biological Chemistry</i> , 2008, 283, 4983-4992.	1.6	78
56	Tissue Distribution of Hepatocyte Growth Factor Receptor and Its Exclusive Down-Regulation in a Regenerating Organ after Injury. <i>Journal of Biochemistry</i> , 1992, 111, 401-406.	0.9	77
57	Human sprouty 4, a new ras antagonist on 5q31, interacts with the dual specificity kinase TESK1. <i>FEBS Journal</i> , 2002, 269, 2546-2556.	0.2	76
58	Identification and Characterization of a Novel Protein Kinase, TESK1, Specifically Expressed in Testicular Germ Cells. <i>Journal of Biological Chemistry</i> , 1995, 270, 31331-31337.	1.6	71
59	Cloning of cDNA encoding a new peptide C-terminal β -amidating enzyme having a putative membrane-spanning domain from <i>Xenopus laevis</i> skin. <i>Biochemical and Biophysical Research Communications</i> , 1988, 150, 1275-1281.	1.0	70
60	Morphological changes during dendritic cell maturation correlate with cofilin activation and translocation to the cell membrane. <i>European Journal of Immunology</i> , 2004, 34, 156-164.	1.6	70
61	Cytochalasin D acts as an inhibitor of the actin-cofilin interaction. <i>Biochemical and Biophysical Research Communications</i> , 2012, 424, 52-57.	1.0	70
62	Actin Migration Driven by Directional Assembly and Disassembly of Membrane-Anchored Actin Filaments. <i>Cell Reports</i> , 2015, 12, 648-660.	2.9	68
63	Requirement of Gamma-Carboxyglutamic Acid Modification and Phosphatidylserine Binding for the Activation of Tyro3, Axl, and Mertk Receptors by Growth Arrest-Specific 6. <i>Frontiers in Immunology</i> , 2017, 8, 1521.	2.2	67
64	Protein Kinase D Regulates Cofilin Activity through p21-activated Kinase 4. <i>Journal of Biological Chemistry</i> , 2011, 286, 34254-34261.	1.6	66
65	Tissue distribution and characterization of peptide C-terminal β -amidating activity in rat. <i>Biochemical and Biophysical Research Communications</i> , 1986, 140, 230-236.	1.0	64
66	Binding to Cep164, but not γ -EB1, is essential for centriolar localization of γ -TTBK2 and its function in ciliogenesis. <i>Genes To Cells</i> , 2014, 19, 927-940.	0.5	63
67	Mechanism of Inhibitory Effect of Warfarin on Mesangial Cell Proliferation. <i>Journal of the American Society of Nephrology: JASN</i> , 1999, 10, 2503-2509.	3.0	63
68	Expression of c-met proto-oncogene in COS cells induces the signal transducing high-affinity receptor for hepatocyte growth factor. <i>FEBS Letters</i> , 1992, 301, 282-286.	1.3	62
69	Dual Regulation of Cofilin Activity by LIM Kinase and Slingshot-1L Phosphatase Controls Platelet-Derived Growth Factor-Induced Migration of Human Aortic Smooth Muscle Cells. <i>Circulation Research</i> , 2008, 102, 432-438.	2.0	61
70	Ca ²⁺ /Calmodulin-dependent Protein Kinase IV-mediated LIM Kinase Activation Is Critical for Calcium Signal-induced Neurite Outgrowth. <i>Journal of Biological Chemistry</i> , 2009, 284, 28554-28562.	1.6	61
71	A membrane-bound, calcium-dependent protease in yeast β -cell cleaving on the carboxyl side of paired basic residues. <i>Biochemical and Biophysical Research Communications</i> , 1987, 144, 807-814.	1.0	59
72	Comparison of tissue distribution of two novel serine/threonine kinase genes containing the LIM motif (LIMK-1 and LIMK-2) in the developing rat. <i>Molecular Brain Research</i> , 1997, 45, 247-254.	2.5	59

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73	Proteolytic activation of a single-chain precursor of hepatocyte growth factor by extracellular serine-protease. <i>Biochemical and Biophysical Research Communications</i> , 1992, 189, 1631-1638.	1.0	58
74	Roles of \hat{I}^3 -carboxylation and a sex hormone-binding globulin-like domain in receptor-binding and in biological activities of Gas6. <i>FEBS Letters</i> , 1997, 408, 306-310.	1.3	57
75	A putative prohormone processing protease in bovine adrenal medulla specifically cleaving in between Lys-Arg sequences. <i>Biochemical and Biophysical Research Communications</i> , 1985, 128, 884-891.	1.0	56
76	Caspase-mediated cleavage and activation of LIM-kinase 1 and its role in apoptotic membrane blebbing. <i>Genes To Cells</i> , 2004, 9, 591-600.	0.5	55
77	Furry promotes acetylation of microtubules in the mitotic spindle by inhibition of SIRT2 tubulin deacetylase. <i>Journal of Cell Science</i> , 2013, 126, 4369-4380.	1.2	54
78	CAMP (C13orf8, ZNF828) is a novel regulator of kinetochore-microtubule attachment. <i>EMBO Journal</i> , 2011, 30, 130-144.	3.5	53
79	A unique proenkephalin-converting enzyme purified from bovine adrenal chromaffin granules. <i>Biochemical and Biophysical Research Communications</i> , 1982, 108, 1235-1242.	1.0	52
80	A Drosophila Homolog of LIM-Kinase Phosphorylates Cofilin and Induces Actin Cytoskeletal Reorganization. <i>Biochemical and Biophysical Research Communications</i> , 2000, 276, 1178-1185.	1.0	52
81	Suppression of the Invasive Capacity of Rat Ascites Hepatoma Cells by Knockdown of Slingshot or LIM Kinase. <i>Journal of Biological Chemistry</i> , 2008, 283, 6013-6021.	1.6	51
82	Visualization of cofilin-actin and Ras-Raf interactions by bimolecular fluorescence complementation assays using a new pair of split Venus fragments. <i>BioTechniques</i> , 2012, 52, 45-50.	0.8	51
83	Critical roles of actin-interacting protein 1 in cytokinesis and chemotactic migration of mammalian cells. <i>Biochemical Journal</i> , 2008, 414, 261-270.	1.7	50
84	Molecular Dissection of the Mechanisms of Substrate Recognition and F-actin-mediated Activation of Cofilin-phosphatase Slingshot-1. <i>Journal of Biological Chemistry</i> , 2008, 283, 32542-32552.	1.6	46
85	The N-terminal LIM domain negatively regulates the kinase activity of LIM-kinase 1. <i>Biochemical Journal</i> , 1999, 343, 99-105.	1.7	45
86	Cell Adhesion-dependent Cofilin Serine 3 Phosphorylation by the Integrin-linked Kinase-c-Src Complex. <i>Journal of Biological Chemistry</i> , 2008, 283, 10089-10096.	1.6	45
87	Mouse LIM-Kinase 2 Gene: cDNA Cloning, Genomic Organization, and Tissue-Specific Expression of Two Alternatively Initiated Transcripts. <i>Genomics</i> , 1997, 46, 504-508.	1.3	43
88	Molecular Cloning of a Chicken Lung cDNA Encoding a Novel Protein Kinase with N-Terminal Two LIM/Double Zinc Finger Motifs1. <i>Journal of Biochemistry</i> , 1994, 116, 636-642.	0.9	42
89	Binding of 14-3-3 \hat{I}^2 Regulates the Kinase Activity and Subcellular Localization of Testicular Protein Kinase 1. <i>Journal of Biological Chemistry</i> , 2001, 276, 43471-43481.	1.6	42
90	Synaptic Scaffolding Molecule \hat{I}^{\pm} Is a Scaffold To Mediate N-Methyl-D-Aspartate Receptor-Dependent RhoA Activation in Dendrites. <i>Molecular and Cellular Biology</i> , 2007, 27, 4388-4405.	1.1	42

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91	Interplay between Solo and keratin filaments is crucial for mechanical force-induced stress fiber reinforcement. <i>Molecular Biology of the Cell</i> , 2016, 27, 954-966.	0.9	42
92	Cytoplasmic Localization of LIM-Kinase 1 Is Directed by a Short Sequence within the PDZ Domain. <i>Experimental Cell Research</i> , 1998, 241, 242-252.	1.2	40
93	Self-association of LIM-kinase 1 mediated by the interaction between an N-terminal LIM domain and a C-terminal kinase domain. <i>FEBS Letters</i> , 1996, 399, 117-121.	1.3	38
94	Involvement of p114-RhoGEF and Lfc in Wnt-3a and Dishevelled-Induced RhoA Activation and Neurite Retraction in N1E-115 Mouse Neuroblastoma Cells. <i>Molecular Biology of the Cell</i> , 2010, 21, 3590-3600.	0.9	38
95	LIM Kinase 1 Modulates Opsonized Zymosan-triggered Activation of Macrophage-like U937 Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 544-549.	1.6	36
96	Sprouty-4 negatively regulates cell spreading by inhibiting the kinase activity of testicular protein kinase. <i>Biochemical Journal</i> , 2005, 387, 627-637.	1.7	36
97	Damnacanthal, an effective inhibitor of LIM-kinase, inhibits cell migration and invasion. <i>Molecular Biology of the Cell</i> , 2014, 25, 828-840.	0.9	36
98	Stage-Specific Expression of Testis-Specific Protein Kinase 1 (TESK1) in Rat Spermatogenic Cells. <i>Biochemical and Biophysical Research Communications</i> , 1998, 249, 107-112.	1.0	35
99	Cell Density-Dependent Regulation of Hepatocyte Growth Factor Receptor on Adult Rat Hepatocytes in Primary Culture ¹ . <i>Journal of Biochemistry</i> , 1993, 114, 96-102.	0.9	34
100	ALLIM/ICOS signaling induces T-cell migration/polarization of memory/effector T-cells. <i>International Immunology</i> , 2004, 16, 1515-1522.	1.8	32
101	Furry Protein Promotes Aurora A-mediated Polo-like Kinase 1 Activation. <i>Journal of Biological Chemistry</i> , 2012, 287, 27670-27681.	1.6	31
102	CaMKII β -mediated LIM-kinase activation plays a crucial role in BDNF-induced neuritogenesis. <i>Genes To Cells</i> , 2013, 18, 533-543.	0.5	31
103	Actin filaments-stabilizing and -bundling activities of cofilin-phosphatase Slingshot-1. <i>Genes To Cells</i> , 2007, 12, 663-676.	0.5	30
104	Tesk1 Interacts with Spry2 to Abrogate Its Inhibition of ERK Phosphorylation Downstream of Receptor Tyrosine Kinase Signaling. <i>Journal of Biological Chemistry</i> , 2008, 283, 1679-1691.	1.6	30
105	Identification of multiple actin-binding sites in cofilin-phosphatase Slingshot-1L. <i>FEBS Letters</i> , 2006, 580, 1789-1794.	1.3	29
106	Radioimmunoassay for detecting pro-Leu-enkephalins in tissue extracts: Purification and identification of [Arg ⁶]-Leu-enkephalin in porcine pituitary. <i>Biochemical and Biophysical Research Communications</i> , 1980, 95, 1467-1474.	1.0	27
107	Regional distribution of adrenorphin in rat brain: Comparative study with PH-8P. <i>Biochemical and Biophysical Research Communications</i> , 1984, 120, 1030-1036.	1.0	27
108	Dual Specificity Protein Kinase Activity of Testis-specific Protein Kinase 1 and Its Regulation by Autophosphorylation of Serine-215 within the Activation Loop. <i>Journal of Biological Chemistry</i> , 1999, 274, 12171-12176.	1.6	27

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109	LIM-kinase is critical for the mesenchymal-to-amoeoid cell morphological transition in 3D matrices. <i>Biochemical and Biophysical Research Communications</i> , 2010, 392, 577-581.	1.0	25
110	LIM Kinase Has a Dual Role in Regulating Lamellipodium Extension by Decelerating the Rate of Actin Retrograde Flow and the Rate of Actin Polymerization. <i>Journal of Biological Chemistry</i> , 2011, 286, 36340-36351.	1.6	25
111	Cullin-3-KCTD10-mediated CEP97 degradation promotes primary cilium formation. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	25
112	Cloning of CRP2, a novel member of the cysteine-rich protein family with two repeats of an unusual LIM/double zinc-finger motif. <i>FEBS Letters</i> , 1993, 333, 51-55.	1.3	24
113	CD29 integrin- and LIMK1/cofilin-mediated actin reorganization regulates the migration of haematopoietic progenitor cells underneath bone marrow stromal cells. <i>Genes To Cells</i> , 2004, 9, 345-358.	0.5	24
114	Pharmacological Inhibition of Centrosome Clustering by Slingshot-Mediated Cofilin Activation and Actin Cortex Destabilization. <i>Cancer Research</i> , 2016, 76, 6690-6700.	0.4	24
115	Glucose deprivation induces primary cilium formation through mTORC1 inactivation. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	24
116	Molecular Cloning and In Situ Localization in the Brain of Rat Sky Receptor Tyrosine Kinase1. <i>Journal of Biochemistry</i> , 1995, 117, 1267-1275.	0.9	22
117	Identification of Testis-Specific (Limk2t) and Brain-Specific (Limk2c) Isoforms of Mouse LIM-Kinase 2 Gene Transcripts. <i>Biochemical and Biophysical Research Communications</i> , 1998, 246, 307-312.	1.0	22
118	A unique membrane-bound, calcium-dependent endopeptidase with specificity toward paired basic residues in rat liver Golgi fractions. <i>Biochemical and Biophysical Research Communications</i> , 1989, 164, 780-787.	1.0	21
119	p63RhoGEF-mediated formation of a single polarized lamellipodium is required for chemotactic migration in breast carcinoma cells. <i>FEBS Letters</i> , 2013, 587, 698-705.	1.3	21
120	Coordination of Cellular Dynamics Contributes to Tooth Epithelium Deformations. <i>PLoS ONE</i> , 2016, 11, e0161336.	1.1	21
121	Inhibition of activated Ras-induced neuronal differentiation of PC12 cells by the LIM domain of LIM-kinase 1. <i>Oncogene</i> , 1997, 14, 1819-1825.	2.6	20
122	Cell-Type-Specific Expression of a TESK1 Promoter-Linked lacZ Gene in Transgenic Mice. <i>Biochemical and Biophysical Research Communications</i> , 2001, 286, 566-573.	1.0	20
123	Coactosin accelerates cell dynamism by promoting actin polymerization. <i>Developmental Biology</i> , 2013, 379, 53-63.	0.9	20
124	Structural organization and chromosomal localization of the mouse Tesk1 (testis-specific protein) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	19
125	Multifaceted roles of Furry proteins in invertebrates and vertebrates. <i>Journal of Biochemistry</i> , 2014, 155, 137-146.	0.9	19
126	Insulin Receptor Substrate-4 Binds to Slingshot-1 Phosphatase and Promotes Cofilin Dephosphorylation. <i>Journal of Biological Chemistry</i> , 2014, 289, 26302-26313.	1.6	19

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127	Jasplakinolide induces primary cilium formation through cell rounding and YAP inactivation. PLoS ONE, 2017, 12, e0183030.	1.1	18
128	Purification and Characterization of a Peptide C-Terminal Î±-Amidating Enzyme from Porcine Atrium1. Journal of Biochemistry, 1989, 105, 440-443.	0.9	16
129	Suppression of fibroblast cell growth by overexpression of LIM-kinase 1. FEBS Letters, 1996, 396, 81-86.	1.3	16
130	Nuclear export of LIM-kinase 1, mediated by two leucine-rich nuclear-export signals within the PDZ domain. Biochemical Journal, 1999, 338, 793.	1.7	15
131	ALLIM/ICOS-mediated elongation of activated T cells is regulated by both the PI3-kinase/Akt and Rho family cascade. International Immunology, 2006, 18, 1815-1824.	1.8	15
132	Solo, a RhoA-targeting guanine nucleotide exchange factor, is critical for hemidesmosome formation and acinar development in epithelial cells. PLoS ONE, 2018, 13, e0195124.	1.1	15
133	Keratinâ€binding ability of the Nâ€terminal Solo domain of Solo is critical for its function in cellular mechanotransduction. Genes To Cells, 2019, 24, 390-402.	0.5	14
134	The N-terminal LIM domain negatively regulates the kinase activity of LIM-kinase 1. Biochemical Journal, 1999, 343, 99.	1.7	14
135	The Expression and Cellular Localization of the Sperm Flagellar Protein MC31/CE9 in the Rat Testis. Possible Posttranscriptional Regulation during Rat Spermiogenesis.. Archives of Histology and Cytology, 2000, 63, 33-41.	0.2	12
136	Rabin8 suppresses autophagosome formation independently of its guanine nucleotide-exchange activity towards Rab8. Journal of Biochemistry, 2015, 158, 139-153.	0.9	12
137	Preparation and Characterization of an Active Lysozyme Derivative: Kyn 62-Lysozyme1. Journal of Biochemistry, 1979, 86, 1291-1300.	0.9	11
138	PKD regulates actin polymerization, neutrophil deformability, and transendothelial migration in response to fMLP and trauma. Journal of Leukocyte Biology, 2018, 104, 615-630.	1.5	11
139	Proenkephalin processing enzyme with specificity toward paired basic residues purified from bovine adrenal chromaffin granules. Neuropeptides, 1985, 5, 489-492.	0.9	10
140	Localization of Protein Kinase NDR2 to Peroxisomes and Its Role in Ciliogenesis. Journal of Biological Chemistry, 2017, 292, 4089-4098.	1.6	10
141	Roles of TOG and jelly-roll domains of centrosomal protein CEP104 in its functions in cilium elongation and Hedgehog signaling. Journal of Biological Chemistry, 2020, 295, 14723-14736.	1.6	9
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