

Shigeko Yamashiro

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

8,430
citations

172457

29
h-index

330143

37
g-index

42
all docs

42
docs citations

42
times ranked

16851
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Distinct Roles of Rock (Rho-Kinase) and Mlck in Spatial Regulation of Mlc Phosphorylation for Assembly of Stress Fibers and Focal Adhesions in 3t3 Fibroblasts. <i>Journal of Cell Biology</i> , 2000, 150, 797-806.	5.2	595
3	Distinct roles of MLCK and ROCK in the regulation of membrane protrusions and focal adhesion dynamics during cell migration of fibroblasts. <i>Journal of Cell Biology</i> , 2004, 164, 427-439.	5.2	361
4	Fascin, an Actin-bundling Protein, Induces Membrane Protrusions and Increases Cell Motility of Epithelial Cells. <i>Molecular Biology of the Cell</i> , 1998, 9, 993-1006.	2.1	233
5	Specific Localization of Serine 19 Phosphorylated Myosin II during Cell Locomotion and Mitosis of Cultured Cells. <i>Journal of Cell Biology</i> , 1998, 140, 119-129.	5.2	214
6	Citron Kinase, a Rho-dependent Kinase, Induces Di-phosphorylation of Regulatory Light Chain of Myosin II. <i>Molecular Biology of the Cell</i> , 2003, 14, 1745-1756.	2.1	183
7	Phosphorylation of non-muscle caldesmon by p34cdc2 kinase during mitosis. <i>Nature</i> , 1991, 349, 169-172.	27.8	181
8	Identification of an Actin Binding Region and a Protein Kinase C Phosphorylation Site on Human Fascin. <i>Journal of Biological Chemistry</i> , 1997, 272, 2527-2533.	3.4	166
9	Myosin Phosphatase-Targeting Subunit 1 Regulates Mitosis by Antagonizing Polo-like Kinase 1. <i>Developmental Cell</i> , 2008, 14, 787-797.	7.0	143
10	Mitosis-specific phosphorylation causes 83K non-muscle caldesmon to dissociate from microfilaments. <i>Nature</i> , 1990, 344, 675-678.	27.8	139
11	Phosphorylation of Human Fascin Inhibits Its Actin Binding and Bundling Activities. <i>Journal of Biological Chemistry</i> , 1996, 271, 12632-12638.	3.4	120
12	Cell-Matrix Adhesions Differentially Regulate Fascin Phosphorylation. <i>Molecular Biology of the Cell</i> , 1999, 10, 4177-4190.	2.1	118
13	Dissociation of FAK/p130CAS/c-Src Complex during Mitosis: Role of Mitosis-specific Serine Phosphorylation of FAK. <i>Journal of Cell Biology</i> , 1999, 144, 315-324.	5.2	112
14	Role of the actin bundling protein fascin in growth cone morphogenesis: Localization in filopodia and lamellipodia. <i>Cytoskeleton</i> , 2001, 48, 109-120.	4.4	110
15	Caldesmon. <i>Current Opinion in Cell Biology</i> , 1993, 5, 70-76.	5.4	109
16	Fascin Is Regulated by Slug, Promotes Progression of Pancreatic Cancer in Mice, and Is Associated With Patient Outcomes. <i>Gastroenterology</i> , 2014, 146, 1386-1396.e17.	1.3	100
17	Fascin1 Promotes Cell Migration of Mature Dendritic Cells. <i>Journal of Immunology</i> , 2011, 186, 2850-2859.	0.8	74
18	Expression of the Actin-Bundling Protein Fascin in Cultured Human Dendritic Cells Correlates with Dendritic Morphology and Cell Differentiation. <i>Journal of Investigative Dermatology</i> , 2000, 115, 658-663.	0.7	73

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19	Langerhans Cell Histiocytosis. American Journal of Clinical Pathology, 2002, 118, 335-343.	0.7	72
20	Regulation of Actin Binding and Actin Bundling Activities of Fascin by Caldesmon Coupled with Tropomyosin. Journal of Biological Chemistry, 1998, 273, 26991-26997.	3.4	64
21	Activation of Myosin Phosphatase Targeting Subunit by Mitosis-specific Phosphorylation. Journal of Cell Biology, 1999, 144, 735-744.	5.2	58
22	Fascin1 is dispensable for mouse development but is favorable for neonatal survival. Cytoskeleton, 2009, 66, 524-534.	4.4	55
23	Advances in Cytokinesis Research. Role of Myosin Light Chain Phosphorylation in the Regulation of Cytokinesis.. Cell Structure and Function, 2001, 26, 639-644.	1.1	53
24	Mutant Caldesmon Lacking cdc2 Phosphorylation Sites Delays M-Phase Entry and Inhibits Cytokinesis. Molecular Biology of the Cell, 2001, 12, 239-250.	2.1	53
25	Caldesmon Inhibits Arp2/3-mediated Actin Nucleation. Journal of Biological Chemistry, 2003, 278, 17937-17944.	3.4	49
26	Fascin 1 is transiently expressed in mouse melanoblasts during development and promotes migration and proliferation. Development (Cambridge), 2013, 140, 2203-2211.	2.5	45
27	Myosin light chain kinases and phosphatase in mitosis and cytokinesis. Archives of Biochemistry and Biophysics, 2011, 510, 76-82.	3.0	42
28	Mitosis-specific phosphorylation of caldesmon: Possible molecular mechanism of cell rounding during mitosis. BioEssays, 1991, 13, 563-568.	2.5	39
29	Characterization of the COOH Terminus of Non-muscle Caldesmon Mutants Lacking Mitosis-specific Phosphorylation Sites. Journal of Biological Chemistry, 1995, 270, 4023-4030.	3.4	37
30	Functions of Fascin in Dendritic Cells. Critical Reviews in Immunology, 2012, 32, 11-22.	0.5	34
31	Isolation and characterization of a new disaccharide disulfate: 2-acetamido-2-deoxy-3-O-(2-or) Tj ETQq1 1 0.784314 rgBT /Overlock 10 General Subjects, 1974, 343, 423-426.	2.4	26
32	Fascin 1 is dispensable for developmental and tumour angiogenesis. Biology Open, 2013, 2, 1187-1191.	1.2	20
33	Caldesmon: Possible Functions in Microfilament Reorganization During Mitosis and Cell Transformation. Advances in Experimental Medicine and Biology, 1994, 358, 113-122.	1.6	18
34	Fascin Confers Resistance to <i>Listeria</i> Infection in Dendritic Cells. Journal of Immunology, 2013, 191, 6156-6164.	0.8	13
35	Myosin Phosphatase-targeting Subunit 1 Controls Chromatid Segregation*. Journal of Biological Chemistry, 2011, 286, 10825-10833.	3.4	12
36	Role of the actin bundling protein fascin in growth cone morphogenesis: Localization in filopodia and lamellipodia. Cytoskeleton, 2001, 48, 109-120.	4.4	4

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37	Investigation of Fascin1, a Marker of Mature Dendritic Cells, Reveals a New Role for IL-6 Signaling in CCR7-Mediated Chemotaxis. Journal of Immunology, 2021, 207, 938-949.	0.8	3
38	Fascin 1 is transiently expressed in mouse melanoblasts during development and promotes migration and proliferation. Journal of Cell Science, 2013, 126, e1-e1.	2.0	0
39	Phosphorylation of Caldesmon and Cell Cycle.. Seibutsu Butsuri, 1991, 31, 58-63.	0.1	0
40	Fascin., 2016,, 1-7.		0
41	Fascin., 2018,, 1681-1687.		0