

# Hiromi Sesaki

## List of Publications by Year in descending order

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135  
papers

17,895  
citations

19657

61  
h-index

13771

129  
g-index

137  
all docs

137  
docs citations

137  
times ranked

28581  
citing authors

#	ARTICLE	IF	CITATIONS
1	Drp1 regulates transcription of ribosomal protein genes in embryonic hearts. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	1
2	Prevention and regression of megamitochondria and steatosis by blocking mitochondrial fusion in the liver. <i>IScience</i> , 2022, 25, 103996.	4.1	19
3	Depletion of oocyte dynamin-related protein 1 shows maternal-effect abnormalities in embryonic development. <i>Science Advances</i> , 2022, 8, .	10.3	9
4	DRP1 haploinsufficiency attenuates cardiac ischemia/reperfusion injuries. <i>PLoS ONE</i> , 2021, 16, e0248554.	2.5	11
5	C9orf72 regulates energy homeostasis by stabilizing mitochondrial complex I assembly. <i>Cell Metabolism</i> , 2021, 33, 531-546.e9.	16.2	70
6	Nuclear PTEN and p53 suppress stress-induced liver cancer through distinct mechanisms. <i>Biochemical and Biophysical Research Communications</i> , 2021, 549, 83-90.	2.1	10
7	Nuclear PTEN deficiency and heterozygous PTEN loss have distinct impacts on brain and lymph node size. <i>Biochemical and Biophysical Research Communications</i> , 2021, 555, 81-88.	2.1	2
8	Reduced Levels of Drp1 Protect against Development of Retinal Vascular Lesions in Diabetic Retinopathy. <i>Cells</i> , 2021, 10, 1379.	4.1	10
9	Longitudinal tracking of neuronal mitochondria delineates PINK1/Parkin-dependent mechanisms of mitochondrial recycling and degradation. <i>Science Advances</i> , 2021, 7, .	10.3	13
10	KARATE: PKA-induced KRAS4B-RHOA-mTORC2 supercomplex phosphorylates AKT in insulin signaling and glucose homeostasis. <i>Molecular Cell</i> , 2021, 81, 4622-4634.e8.	9.7	19
11	Generating a new mouse model for nuclear PTEN deficiency by a single K13R mutation. <i>Genes To Cells</i> , 2021, , .	1.2	2
12	Mitochondrial division, fusion and degradation. <i>Journal of Biochemistry</i> , 2020, 167, 233-241.	1.7	40
13	The Loss of Nuclear PTEN Increases Tumorigenesis in a Preclinical Mouse Model for Hepatocellular Carcinoma. <i>IScience</i> , 2020, 23, 101548.	4.1	15
14	Hippo/Mst signaling coordinates cellular quiescence with terminal maturation in iNKT cell development and fate decisions. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	15
15	Hetero-oligomerization of Rho and Ras GTPases Connects GPCR Activation to mTORC2-AKT Signaling. <i>Cell Reports</i> , 2020, 33, 108427.	6.4	11
16	Drp1 Tubulates the ER in a GTPase-Independent Manner. <i>Molecular Cell</i> , 2020, 80, 621-632.e6.	9.7	35
17	Endoplasmic reticulum-associated degradation regulates mitochondrial dynamics in brown adipocytes. <i>Science</i> , 2020, 368, 54-60.	12.6	107
18	Loss of dynamin-related protein 1 (Drp1) does not affect epidermal development or UVB-induced apoptosis but does accelerate UVB-induced carcinogenesis. <i>Journal of Dermatological Science</i> , 2020, 99, 109-118.	1.9	5

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19	Asymmetrically Segregated Mitochondria Provide Cellular Memory of Hematopoietic Stem Cell Replicative History and Drive HSC Attrition. <i>Cell Stem Cell</i> , 2020, 26, 420-430.e6.	11.1	108
20	Novel role of dynamin-related protein 1 in dynamics of ER lipid droplets in adipose tissue. <i>FASEB Journal</i> , 2020, 34, 8265-8282.	0.5	20
21	Mitochondrial Fission Mediates Endothelial Inflammation. <i>Hypertension</i> , 2020, 76, 267-276.	2.7	59
22	Mitochondrial Safeguard: a stress response that offsets extreme fusion and protects respiratory function via flickering-induced Oma1 activation. <i>EMBO Journal</i> , 2020, 39, e105074.	7.8	22
23	Drp1 Promotes KRas-Driven Metabolic Changes to Drive Pancreatic Tumor Growth. <i>Cell Reports</i> , 2019, 28, 1845-1859.e5.	6.4	93
24	Doxorubicin-induced cardiomyocyte death is mediated by unchecked mitochondrial fission and mitophagy. <i>FASEB Journal</i> , 2019, 33, 11096-11108.	0.5	118
25	SQSTM1/p62 promotes mitochondrial ubiquitination independently of PINK1 and PRKN/parkin in mitophagy. <i>Autophagy</i> , 2019, 15, 2012-2018.	9.1	93
26	Phosphorylated Rho-GDP directly activates mTORC2 kinase towards AKT through dimerization with Ras-GTP to regulate cell migration. <i>Nature Cell Biology</i> , 2019, 21, 867-878.	10.3	58
27	Metformin Improves Mitochondrial Respiratory Activity through Activation of AMPK. <i>Cell Reports</i> , 2019, 29, 1511-1523.e5.	6.4	244
28	Dynamin-1-Like Protein Inhibition Drives Megamitochondria Formation as an Adaptive Response in Alcohol-Induced Hepatotoxicity. <i>American Journal of Pathology</i> , 2019, 189, 580-589.	3.8	32
29	Maintenance of Cardiolipin and Crista Structure Requires Cooperative Functions of Mitochondrial Dynamics and Phospholipid Transport. <i>Cell Reports</i> , 2019, 26, 518-528.e6.	6.4	48
30	Brain-specific Drp1 regulates postsynaptic endocytosis and dendrite formation independently of mitochondrial division. <i>ELife</i> , 2019, 8, .	6.0	26
31	Intracellular calcium is a rheostat for the STING signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 497-503.	2.1	21
32	DISC1 regulates lactate metabolism in astrocytes: implications for psychiatric disorders. <i>Translational Psychiatry</i> , 2018, 8, 76.	4.8	34
33	Elevated mitochondrial activity distinguishes fibrogenic hepatic stellate cells and sensitizes for selective inhibition by mitotropic doxorubicin. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2210-2219.	3.6	27
34	Villin-1 and Gelsolin Regulate Changes in Actin Dynamics That Affect Cell Survival Signaling Pathways and Intestinal Inflammation. <i>Gastroenterology</i> , 2018, 154, 1405-1420.e2.	1.3	42
35	MIRO-1 Determines Mitochondrial Shape Transition upon GPCR Activation and Ca <sup>2+</sup> Stress. <i>Cell Reports</i> , 2018, 23, 1005-1019.	6.4	80
36	Reply: The expanding neurological phenotype of DNMI1-related disorders. <i>Brain</i> , 2018, 141, e29-e29.	7.6	5

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37	p62/sequestosome-1 knockout delays neurodegeneration induced by Drp1 loss. <i>Neurochemistry International</i> , 2018, 117, 77-81.	3.8	15
38	An unstructured loop that is critical for interactions of the stalk domain of Drp1 with saturated phosphatidic acid. <i>Small GTPases</i> , 2018, 9, 472-479.	1.6	23
39	Dynamin-Related Protein 1 Deficiency Promotes Recovery from AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 194-206.	6.1	110
40	Phosphatidic Acid and Cardiolipin Coordinate Mitochondrial Dynamics. <i>Trends in Cell Biology</i> , 2018, 28, 67-76.	7.9	186
41	Mitochondrial inner membrane permeabilisation enables mt <i>scp</i> <DNA</scp> release during apoptosis. <i>EMBO Journal</i> , 2018, 37, .	7.8	313
42	Mitochondrial Stasis Reveals p62-Mediated Ubiquitination in Parkin-Independent Mitophagy and Mitigates Nonalcoholic Fatty Liver Disease. <i>Cell Metabolism</i> , 2018, 28, 588-604.e5.	16.2	180
43	Nuclear PTEN deficiency causes microcephaly with decreased neuronal soma size and increased seizure susceptibility. <i>Journal of Biological Chemistry</i> , 2018, 293, 9292-9300.	3.4	21
44	In Vivo Deletion of $\beta$ -Cell Drp1 Impairs Insulin Secretion Without Affecting Islet Oxygen Consumption. <i>Endocrinology</i> , 2018, 159, 3245-3256.	2.8	32
45	Loss of MICOS complex integrity and mitochondrial damage, but not TDP-43 mitochondrial localisation, are likely associated with severity of CHCHD10-related diseases. <i>Neurobiology of Disease</i> , 2018, 119, 159-171.	4.4	48
46	A brain-enriched Drp1 isoform associates with lysosomes, late endosomes, and the plasma membrane. <i>Journal of Biological Chemistry</i> , 2018, 293, 11809-11822.	3.4	46
47	Inhibition of Drp1 protects against senecionine-induced mitochondria-mediated apoptosis in primary hepatocytes and in mice. <i>Redox Biology</i> , 2017, 12, 264-273.	9.0	64
48	DRP1 Suppresses Leptin and Glucose Sensing of POMC Neurons. <i>Cell Metabolism</i> , 2017, 25, 647-660.	16.2	84
49	Label-Free Quantification of Intracellular Mitochondrial Dynamics Using Dielectrophoresis. <i>Analytical Chemistry</i> , 2017, 89, 5757-5764.	6.5	52
50	Constriction of the mitochondrial inner compartment is a priming event for mitochondrial division. <i>Nature Communications</i> , 2017, 8, 15754.	12.8	155
51	Dynamin-Related Protein 1 Inhibition Attenuates Cardiovascular Calcification in the Presence of Oxidative Stress. <i>Circulation Research</i> , 2017, 121, 220-233.	4.5	88
52	<i>scp</i> <OPA</scp> 1 deficiency promotes secretion of <i>scp</i> <FGF</scp> 21 from muscle that prevents obesity and insulin resistance. <i>EMBO Journal</i> , 2017, 36, 2126-2145.	7.8	157
53	The Putative Drp1 Inhibitor mdivi-1 Is a Reversible Mitochondrial Complex I Inhibitor that Modulates Reactive Oxygen Species. <i>Developmental Cell</i> , 2017, 40, 583-594.e6.	7.0	406
54	Mutations in DNM1L, as in OPA1, result in dominant optic atrophy despite opposite effects on mitochondrial fusion and fission. <i>Brain</i> , 2017, 140, 2586-2596.	7.6	100

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55	Carbonyl cyanide 3-chlorophenylhydrazone (CCCP) suppresses STING-mediated DNA sensing pathway through inducing mitochondrial fission. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 737-743.	2.1	27
56	Assay to Measure Interactions between Purified Drp1 and Synthetic Liposomes. <i>Bio-protocol</i> , 2017, 7, .	0.4	4
57	Mitochondrial Morphology Controls Hematopoietic Stem Cell Self-Renewal and Confers Them Divisional Memory. <i>Blood</i> , 2017, 130, 633-633.	1.4	1
58	Altered brain energetics induces mitochondrial fission arrest in Alzheimer's Disease. <i>Scientific Reports</i> , 2016, 6, 18725.	3.3	146
59	<i>CHCHD10</i> mutations promote loss of mitochondrial cristae junctions with impaired mitochondrial genome maintenance and inhibition of apoptosis. <i>EMBO Molecular Medicine</i> , 2016, 8, 58-72.	6.9	143
60	The novel RacE-binding protein GfB sharpens Ras activity at the leading edge of migrating cells. <i>Molecular Biology of the Cell</i> , 2016, 27, 1596-1605.	2.1	13
61	Mitochondrial Dynamics Impacts Stem Cell Identity and Fate Decisions by Regulating a Nuclear Transcriptional Program. <i>Cell Stem Cell</i> , 2016, 19, 232-247.	11.1	469
62	Parkin suppresses Drp1-independent mitochondrial division. <i>Biochemical and Biophysical Research Communications</i> , 2016, 475, 283-288.	2.1	41
63	Protective effects of reduced dynamin-related protein 1 against amyloid beta-induced mitochondrial dysfunction and synaptic damage in Alzheimer's disease. <i>Human Molecular Genetics</i> , 2016, 25, ddw330.	2.9	125
64	Identification of multi-copy suppressors for endoplasmic reticulum-mitochondria tethering proteins in <i>Saccharomyces cerevisiae</i> . <i>FEBS Letters</i> , 2016, 590, 3061-3070.	2.8	11
65	Coincident Phosphatidic Acid Interaction Restrains Drp1 in Mitochondrial Division. <i>Molecular Cell</i> , 2016, 63, 1034-1043.	9.7	150
66	Dynamin-Related Protein 1 Deficiency Leads to Receptor-Interacting Protein Kinase 3-Mediated Necroptotic Neurodegeneration. <i>American Journal of Pathology</i> , 2016, 186, 2798-2802.	3.8	21
67	Reduced dynamin-related protein 1 protects against phosphorylated Tau-induced mitochondrial dysfunction and synaptic damage in Alzheimer's disease. <i>Human Molecular Genetics</i> , 2016, 25, 4881-4897.	2.9	142
68	Methylene blue alleviates nuclear and mitochondrial abnormalities in progeria. <i>Aging Cell</i> , 2016, 15, 279-290.	6.7	85
69	Mitochondrial Dynamics Controls T Cell Fate through Metabolic Programming. <i>Cell</i> , 2016, 166, 63-76.	28.9	1,025
70	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
71	A GPCR Handles Bacterial Sensing in Chemotaxis and Phagocytosis. <i>Developmental Cell</i> , 2016, 36, 354-356.	7.0	5
72	Making a Division Apparatus on Mitochondria. <i>Trends in Biochemical Sciences</i> , 2016, 41, 209-210.	7.5	5

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73	Reply: High prevalence of CHCHD10 mutations in patients with frontotemporal dementia from China: Table 1. <i>Brain</i> , 2016, 139, e22-e22.	7.6	0
74	Opening the conformation is a master switch for the dual localization and phosphatase activity of PTEN. <i>Scientific Reports</i> , 2015, 5, 12600.	3.3	18
75	Engineering PTEN function: Membrane association and activity. <i>Methods</i> , 2015, 77-78, 119-124.	3.8	9
76	Reply: Is CHCHD10 Pro34Ser pathogenic for frontotemporal dementia and amyotrophic lateral sclerosis?. <i>Brain</i> , 2015, 138, e386-e386.	7.6	3
77	Transient assembly of F-actin on the outer mitochondrial membrane contributes to mitochondrial fission. <i>Journal of Cell Biology</i> , 2015, 208, 109-123.	5.2	180
78	Mitochondrial division and fusion in metabolism. <i>Current Opinion in Cell Biology</i> , 2015, 33, 111-118.	5.4	174
79	Mitochondrial Division Is Requisite to RAS-Induced Transformation and Targeted by Oncogenic MAPK Pathway Inhibitors. <i>Molecular Cell</i> , 2015, 57, 521-536.	9.7	310
80	Decreasing mitochondrial fission diminishes vascular smooth muscle cell migration and ameliorates intimal hyperplasia. <i>Cardiovascular Research</i> , 2015, 106, 272-283.	3.8	86
81	PARK2/Parkin becomes critical when DNM1L/Drp1 is absent. <i>Autophagy</i> , 2015, 11, 573-574.	9.1	9
82	Reply: CHCHD10 mutations in Italian patients with sporadic amyotrophic lateral sclerosis. <i>Brain</i> , 2015, 138, e373-e373.	7.6	1
83	Reply: A distinct clinical phenotype in a German kindred with motor neuron disease carrying a CHCHD10 mutation: Table 1. <i>Brain</i> , 2015, 138, e377-e377.	7.6	2
84	Reply: Are CHCHD10 mutations indeed associated with familial amyotrophic lateral sclerosis?. <i>Brain</i> , 2014, 137, e314-e314.	7.6	9
85	Reply: Mutations in the CHCHD10 gene are a common cause of familial amyotrophic lateral sclerosis. <i>Brain</i> , 2014, 137, e312-e312.	7.6	3
86	Structural and functional analysis of MiD51, a dynamin receptor required for mitochondrial fission. <i>Journal of Cell Biology</i> , 2014, 204, 477-486.	5.2	91
87	Engineering ePTEN, an enhanced PTEN with increased tumor suppressor activities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2684-93.	7.1	60
88	A dimeric equilibrium intermediate nucleates Drp1 reassembly on mitochondrial membranes for fission. <i>Molecular Biology of the Cell</i> , 2014, 25, 1905-1915.	2.1	149
89	Cyclin C: An Inducer of Mitochondrial Division Hidden in the Nucleus. <i>Developmental Cell</i> , 2014, 28, 112-114.	7.0	2
90	Parkin-independent mitophagy requires Drp1 and maintains the integrity of mammalian heart and brain. <i>EMBO Journal</i> , 2014, 33, 2798-2813.	7.8	361

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91	Reply: Two novel mutations in conserved codons indicate that CHCHD10 is a gene associated with motor neuron disease. <i>Brain</i> , 2014, 137, e310-e310.	7.6	4
92	Loss of Mitochondrial Fission Depletes Axonal Mitochondria in Midbrain Dopamine Neurons. <i>Journal of Neuroscience</i> , 2014, 34, 14304-14317.	3.6	165
93	Biosynthesis and roles of phospholipids in mitochondrial fusion, division and mitophagy. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 3767-3778.	5.4	42
94	A mitochondrial origin for frontotemporal dementia and amyotrophic lateral sclerosis through CHCHD10 involvement. <i>Brain</i> , 2014, 137, 2329-2345.	7.6	377
95	In vivo functions of Drp1: Lessons learned from yeast genetics and mouse knockouts. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1179-1185.	3.8	46
96	Phospholipid Transport via Mitochondria. <i>Traffic</i> , 2014, 15, 933-945.	2.7	62
97	Drp1 stabilizes p53 on the mitochondria to trigger necrosis under oxidative stress conditions <i>in vitro</i> and <i>in vivo</i> . <i>Biochemical Journal</i> , 2014, 461, 137-146.	3.7	89
98	Tam41 Is a CDP-Diacylglycerol Synthase Required for Cardiolipin Biosynthesis in Mitochondria. <i>Cell Metabolism</i> , 2013, 17, 709-718.	16.2	135
99	Mitochondrial dynamics in neurodegeneration. <i>Trends in Cell Biology</i> , 2013, 23, 64-71.	7.9	409
100	Rho GTPases orient directional sensing in chemotaxis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4723-32.	7.1	41
101	Parasitic Nematode-Induced Modulation of Body Weight and Associated Metabolic Dysfunction in Mouse Models of Obesity. <i>Infection and Immunity</i> , 2013, 81, 1905-1914.	2.2	95
102	Role for Two Conserved Intermembrane Space Proteins, Ups1p and Up2p, in Intra-mitochondrial Phospholipid Trafficking. <i>Journal of Biological Chemistry</i> , 2012, 287, 15205-15218.	3.4	101
103	Mitochondrial division prevents neurodegeneration. <i>Autophagy</i> , 2012, 8, 1531-1533.	9.1	18
104	Phosphatidylethanolamine Biosynthesis in Mitochondria. <i>Journal of Biological Chemistry</i> , 2012, 287, 43961-43971.	3.4	42
105	Role for two conserved intermembrane space proteins, Ups1p and Ups2p, in intra-mitochondrial phospholipid trafficking. <i>Journal of Biological Chemistry</i> , 2012, 287, 27450.	3.4	0
106	Myosin I Links PIP <sub>3</sub> Signaling to Remodeling of the Actin Cytoskeleton in Chemotaxis. <i>Science Signaling</i> , 2012, 5, ra10.	3.6	65
107	Mitochondrial division ensures the survival of postmitotic neurons by suppressing oxidative damage. <i>Journal of Cell Biology</i> , 2012, 197, 535-551.	5.2	225
108	Defects in Mitochondrial Dynamics and Metabolomic Signatures of Evolving Energetic Stress in Mouse Models of Familial Alzheimer's Disease. <i>PLoS ONE</i> , 2012, 7, e32737.	2.5	225

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109	Mitochondrial Fusion and Division. FASEB Journal, 2012, 26, 103.3.	0.5	0
110	SnapShot: Mitochondrial Dynamics. Cell, 2011, 145, 1158-1158.e1.	28.9	49
111	Mitochondrial division: molecular machinery and physiological functions. Current Opinion in Cell Biology, 2011, 23, 427-434.	5.4	89
112	Charcot-Marie-Tooth-related Gene GDAP1 Complements Cell Cycle Delay at G2/M Phase in <i>Saccharomyces cerevisiae</i> fis1 Gene-defective Cells. Journal of Biological Chemistry, 2011, 286, 36777-36786.	3.4	34
113	Direct Membrane Association Drives Mitochondrial Fission by the Parkinson Disease-associated Protein $\alpha$ -Synuclein. Journal of Biological Chemistry, 2011, 286, 20710-20726.	3.4	499
114	Mdm35p imports Ups proteins into the mitochondrial intermembrane space by functional complex formation. EMBO Journal, 2010, 29, 2875-2887.	7.8	68
115	Proteomic identification of phosphatidylinositol (3,4,5) triphosphate-binding proteins in <i>Dictyostelium discoideum</i> . Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11829-11834.	7.1	33
116	The dynamin-related GTPase Drp1 is required for embryonic and brain development in mice. Journal of Cell Biology, 2009, 186, 805-816.	5.2	556
117	Tim23 and Tim50 pair coordinates functions of translocators and motor proteins in mitochondrial protein import. Journal of Cell Biology, 2009, 184, 129-141.	5.2	125
118	Ups1p and Ups2p antagonistically regulate cardiolipin metabolism in mitochondria. Journal of Cell Biology, 2009, 185, 1029-1045.	5.2	149
119	Regulation of Ammonia Homeostasis by the Ammonium Transporter AmtA in <i>Dictyostelium discoideum</i> . Eukaryotic Cell, 2007, 6, 2419-2428.	3.4	13
120	Yeast Mitochondrial Division and Distribution Require the Cortical Num1 Protein. Developmental Cell, 2007, 12, 363-375.	7.0	95
121	Regulation of mitochondrial fusion and division. Trends in Cell Biology, 2007, 17, 563-569.	7.9	209
122	Ahead of the curve: mitochondrial fusion and phospholipase D. Nature Cell Biology, 2006, 8, 1215-1217.	10.3	6
123	Ups1p, a conserved intermembrane space protein, regulates mitochondrial shape and alternative topogenesis of Mgm1p. Journal of Cell Biology, 2006, 173, 651-658.	5.2	92
124	Ugo1p Links the Fzo1p and Mgm1p GTPases for Mitochondrial Fusion. Journal of Biological Chemistry, 2004, 279, 28298-28303.	3.4	161
125	Mitochondrial building blocks. Trends in Cell Biology, 2004, 14, 215-218.	7.9	17
126	Cells lacking Pcp1p/Ugo2p, a rhomboid-like protease required for Mgm1p processing, lose mtDNA and mitochondrial structure in a Dnm1p-dependent manner, but remain competent for mitochondrial fusion. Biochemical and Biophysical Research Communications, 2003, 308, 276-283.	2.1	122



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127	Mgm1p, a Dynamin-related GTPase, Is Essential for Fusion of the Mitochondrial Outer Membrane. <i>Molecular Biology of the Cell</i> , 2003, 14, 2342-2356.	2.1	239
128	UGO1 Encodes an Outer Membrane Protein Required for Mitochondrial Fusion. <i>Journal of Cell Biology</i> , 2001, 152, 1123-1134.	5.2	215
129	Yeast mitochondrial dynamics: Fusion, division, segregation, and shape. <i>Microscopy Research and Technique</i> , 2000, 51, 573-583.	2.2	125
130	Division versus Fusion: Dnm1p and Fzo1p Antagonistically Regulate Mitochondrial Shape. <i>Journal of Cell Biology</i> , 1999, 147, 699-706.	5.2	498
131	The Cell Adhesion Molecule DdCAD-1 in Dictyostelium Is Targeted to the Cell Surface by a Nonclassical Transport Pathway Involving Contractile Vacuoles. <i>Journal of Cell Biology</i> , 1997, 138, 939-951.	5.2	62
132	Secretion of Slime, the Extracellular Matrix of the Plasmodium, as Visualized with a Fluorescent Probe and Its Correlation with Locomotion on the Substratum.. <i>Cell Structure and Function</i> , 1997, 22, 279-289.	1.1	8
133	Novel Redistribution of the Ca <sup>2+</sup> -Dependent Cell Adhesion Molecule DdCAD-1 during Development of Dictyostelium discoideum. <i>Developmental Biology</i> , 1996, 177, 504-516.	2.0	31
134	Molecular Cloning and Characterization of DdCAD-1, a Ca <sup>2+</sup> -dependent Cell-Cell Adhesion Molecule, in. <i>Journal of Biological Chemistry</i> , 1996, 271, 16399-16408.	3.4	72
135	Twenty-Eight-Kilodalton Phosphorylatable Calcium- and Lipid-Binding Proteins Purified from Physarum Plasmodium. <i>Journal of Biochemistry</i> , 1992, 112, 269-276.	1.7	2