Makoto Kinoshita

List of Publications by Year
in descending order

63	4,837	117625	123424
papers	citations	34 h-index	61 g-index

67	67	67	6404
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Developmental and postdevelopmental roles of septins in the brain. Neuroscience Research, 2021, 170, 6-12.	1.9	13
2	PCP-dependent transcellular regulation of actomyosin oscillation facilitates convergent extension of vertebrate tissue. Developmental Biology, 2019, 446, 159-167.	2.0	40
3	CDC42EP4, a perisynaptic scaffold protein in Bergmann glia, is required for glutamatergic tripartite synapse configuration. Neurochemistry International, 2018, 119, 190-198.	3.8	4
4	UBL3 modification influences protein sorting to small extracellular vesicles. Nature Communications, 2018, 9, 3936.	12.8	53
5	Septin-dependent remodeling of cortical microtubule drives cell reshaping during epithelial wound healing. Journal of Cell Science, 2018, 131, .	2.0	18
6	Septin7 regulates inner ear formation at an early developmental stage. Developmental Biology, 2016, 419, 217-228.	2.0	7
7	Septin Interferes with the Temperature-Dependent Domain Formation and Disappearance of Lipid Bilayer Membranes. Langmuir, 2016, 32, 12823-12832.	3.5	13
8	Facilitation of axon outgrowth via a Wnt5a-CaMKK-CaMKIÎ± pathway during neuronal polarization. Molecular Brain, 2016, 9, 8.	2.6	22
9	A septin requirement differentiates autonomous and contact-facilitated T cell proliferation. Nature Immunology, 2016, 17, 315-322.	14.5	22
10	Transgenic supplementation of SIRT1 fails to alleviate acute loss of nigrostriatal dopamine neurons and gliosis in a mouse model of MPTP-induced parkinsonism. F1000Research, 2015, 4, 130.	1.6	11
11	A CDC42EP4/septin-based perisynaptic glial scaffold facilitates glutamate clearance. Nature Communications, 2015, 6, 10090.	12.8	21
12	SIRT1 attenuates severe ischemic damage by preserving cerebral blood flow. NeuroReport, 2015, 26, 113-117.	1.2	38
13	Genetic Deletion of SEPT7 Reveals a Cell Type-Specific Role of Septins in Microtubule Destabilization for the Completion of Cytokinesis. PLoS Genetics, 2014, 10, e1004558.	3.5	90
14	Phosphatidic Acid (PA)-preferring Phospholipase A1 Regulates Mitochondrial Dynamics. Journal of Biological Chemistry, 2014, 289, 11497-11511.	3.4	110
15	Silent Information Regulator 2 Homolog 1 Counters Cerebral Hypoperfusion Injury by Deacetylating Endothelial Nitric Oxide Synthase. Stroke, 2014, 45, 3403-3411.	2.0	56
16	SIRT1 overexpression ameliorates a mouse model of SOD1-linked amyotrophic lateral sclerosis via HSF1/HSP70i chaperone system. Molecular Brain, 2014, 7, 62.	2.6	77
17	Chronic overload of SEPT4, a parkin substrate that aggregates in Parkinsonâ€™s disease, causes behavioral alterations but not neurodegeneration in mice. Molecular Brain, 2013, 6, 35.	2.6	23
18	Septins promote dendrite and axon development by negatively regulating microtubule stability via HDAC6-mediated deacetylation. Nature Communications, 2013, 4, 2532.	12.8	106

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19	Localization of septin proteins in the mouse cochlea. Hearing Research, 2012, 289, 40-51.	2.0	10
20	Downregulation of the Wnt antagonist Dkk2 links the loss of Sept4 and myofibroblastic transformation of hepatic stellate cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 1403-1411.	3.8	20
21	Ultrastructural localization analysis of septins in mammalian nervous system. Neuroscience Research, 2011, 71, e118.	1.9	0
22	Submembranous septins as relatively stable components of actinâ€based membrane skeleton. Cytoskeleton, 2011, 68, 512-525.	2.0	64
23	Entrapment of Intracytosolic Bacteria by Septin Cage-like Structures. Cell Host and Microbe, 2010, 8, 433-444.	11.0	229
24	Role of the Septin Cytoskeleton for the Functional Organization of the Plasma Membrane. , 2010, , 259-267.		0
25	Spatiotemporal association of DNAJB13 with the annulus during mouse sperm flagellum development. BMC Developmental Biology, 2009, 9, 23.	2.1	34
26	Amoeboid T lymphocytes require the septin cytoskeleton for cortical integrity and persistent motility. Nature Cell Biology, 2009, 11, 17-26.	10.3	170
27	Structural insights shed light onto septin assemblies and function. Current Opinion in Cell Biology, 2008, 20, 12-18.	5.4	53
28	Loss of Sept4 exacerbates liver fibrosis through the dysregulation of hepatic stellate cells. Journal of Hepatology, 2008, 49, 768-778.	3.7	34
29	Septins as Diagnostic Markers for a Subset of Human Asthenozoospermia. Journal of Urology, 2008, 180, 2706-2709.	0.4	59
30	Epithelial polarity requires septin coupling of vesicle transport to polyglutamylated microtubules. Journal of Cell Biology, 2008, 180, 295-303.	5.2	149
31	Phosphorylation of Adult Type Sept5 (CDCrel-1) by Cyclin-dependent Kinase 5 Inhibits Interaction with Syntaxin-1. Journal of Biological Chemistry, 2007, 282, 7869-7876.	3.4	38
32	Connecting the Dots between Septins and the DNA Damage Checkpoint. Cell, 2007, 130, 777-779.	28.9	12
33	Role of Septin Cytoskeleton in Spine Morphogenesis and Dendrite Development in Neurons. Current Biology, 2007, 17, 1752-1758.	3.9	255
34	Sept4, a Component of Presynaptic Scaffold and Lewy Bodies, Is Required for the Suppression of Î±-Synuclein Neurotoxicity. Neuron, 2007, 53, 519-533.	8.1	156
35	Diversity of septin scaffolds. Current Opinion in Cell Biology, 2006, 18, 54-60.	5.4	153
36	A Mitotic Septin Scaffold Required for Mammalian Chromosome Congression and Segregation. Science, 2005, 307, 1781-1785.	12.6	241

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37	Disruption of Sept6, a Fusion Partner Gene of MLL, Does Not Affect Ontogeny, Leukemogenesis Induced by MLL-SEPT6, or Phenotype Induced by the Loss of Sept4. Molecular and Cellular Biology, 2005, 25, 10965-10978.	2.3	60
38	Cortical Organization by the Septin Cytoskeleton Is Essential for Structural and Mechanical Integrity of Mammalian Spermatozoa. Developmental Cell, 2005, 8, 343-352.	7.0	250
39	Endomucin, a sialomucin expressed in high endothelial venules, supports L-selectin-mediated rolling. International Immunology, 2004, 16, 1265-1274.	4.0	31
40	Septins and Cytokinesis. , 2004, , 22-26.		0
41	The septins. Genome Biology, 2003, 4, 236.	9.6	108
42	Assembly of Mammalian Septins. Journal of Biochemistry, 2003, 134, 491-496.	1.7	227
43	Association of the Cytoskeletal GTP-binding Protein Sept4/H5 with Cytoplasmic Inclusions Found in Parkinson's Disease and Other Synucleinopathies. Journal of Biological Chemistry, 2003, 278, 24095-24102.	3.4	117
44	Mammalian Septins Nomenclature. Molecular Biology of the Cell, 2002, 13, 4111-4113.	2.1	112
45	Self- and Actin-Templated Assembly of Mammalian Septins. Developmental Cell, 2002, 3, 791-802.	7.0	464
46	Identification of human endomucin-1 and -2 as membrane-boundO-sialoglycoproteins with anti-adhesive activity1. FEBS Letters, 2001, 499, 121-126.	2.8	48
47	Advances in Cytokinesis Research. Roles of Septins in the Mammalian Cytokinesis Machinery.. Cell Structure and Function, 2001, 26, 667-670.	1.1	71
48	Chronic Cerebral Hypoperfusion Induces MMP-2 but Not MMP-9 Expression in the Microglia and Vascular Endothelium of White Matter. Journal of Cerebral Blood Flow and Metabolism, 2001, 21, 828-834.	4.3	104
49	Borg proteins control septin organization and are negatively regulated by Cdc42. Nature Cell Biology, 2001, 3, 861-866.	10.3	184
50	Differential localization of septins in the mouse brain. Journal of Comparative Neurology, 2000, 428, 223-239.	1.6	105
51	Phosphorylation of a New Brain-specific Septin, G-septin, by cGMP-dependent Protein Kinase. Journal of Biological Chemistry, 2000, 275, 10047-10056.	3.4	54
52	Identification of Septins in Neurofibrillary Tangles in Alzheimer's Disease. American Journal of Pathology, 1998, 153, 1551-1560.	3.8	133
53	Caspases in Cell Death. Results and Problems in Cell Differentiation, 1998, 24, 1-24.	0.7	8
54	cDNA Cloning, Expression Analysis, and Mapping of the MouseNedd4Gene. Genomics, 1997, 40, 435-443.	2.9	142

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55	A novel gene encoding a ferredoxin reductase-like protein expressed in the neuroectoderm in Xenopus neurula. Gene, 1997, 194, 297-299.	2.2	6
56	An interferon regulatory factor-related gene (xIRF-6) is expressed in the posterior mesoderm during the early development of Xenopus laevis. Gene, 1997, 203, 183-188.	2.2	25
57	Origin, expression and possible functions of the two alternatively spliced forms of the mouse Nedd2 mRNA. Cell Death and Differentiation, 1997, 4, 378-387.	11.2	29
58	Up-Regulation of the Nedd2 Gene Encoding an ICE/Ced-3-Like Cysteine Protease in the Gerbil Brain after Transient Global Ischemia. Journal of Cerebral Blood Flow and Metabolism, 1997, 17, 507-514.	4.3	63
59	Identification of aXenopusglutamine synthetase gene abundantly expressed in the embryonic nervous system but not in adult brain. FEBS Letters, 1995, 371, 287-292.	2.8	10
60	HMG-X, aXenopusgene encoding an HMG1 homolog, is abundantly expressed in the developing nervous system. FEBS Letters, 1994, 352, 191-196.	2.8	26
61	Vector Analysis of Corneal Astigmatism after Scleral Buckling Surgery. Ophthalmologica, 1994, 208, 250-253.	1.9	14
62	Expression of DRG during murine embryonic development. Biochemical and Biophysical Research Communications, 1992, 189, 371-377.	2.1	36
63	Insight into Septin Functions from Mouse Models. , 0, , 319-336.		7