Akikazu Fujita

List of Publications by Year
in descending order

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68 papers	3,191 citations	236925 25 h-index	149698 56 g-index
70 all docs	70 docs citations	70 times ranked	5940 citing authors

#	Article	IF	Citations
1	Essential roles of phosphatidylinositol 4-phosphate phosphatases Sac1p and Sjl3p in yeast autophagosome formation. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2022, 1867, 159184.	2.4	1
2	Raft microdomain localized in the luminal leaflet of inner membrane complex of living Toxoplasma gondii. European Journal of Cell Biology, 2021, 100, 151149.	3.6	2
3	The distribution of phosphatidylinositol 4,5-bisphosphate in the budding yeast plasma membrane. Histochemistry and Cell Biology, 2021, 156, 109-121.	1.7	2
4	Glycosphingolipid GM3 is localized in both exoplasmic and cytoplasmic leaflets of Plasmodium falciparum malaria parasite plasma membrane. Scientific Reports, 2021, 11, 14890.	3.3	3
5	Selective increment of phosphatidylserine on the autophagic body membrane in the yeast vacuole. FEBS Letters, 2021, 595, 2197-2207.	2.8	4
6	Microautophagy in the yeast vacuole depends on the activities of phosphatidylinositol 4-kinases, Stt4p and Pik1p. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183416.	2.6	8
7	Nanoscale analysis reveals no domain formation of glycosylphosphatidylinositol-anchored protein SAG1 in the plasma membrane of living Toxoplasma gondii. Histochemistry and Cell Biology, 2019, 152, 365-375.	1.7	4
8	Predominant localization of phosphatidylserine at the cytoplasmic leaflet of the ER, and its TMEM16K-dependent redistribution. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13368-13373.	7.1	63
9	Essential and distinct roles of phosphatidylinositol 4-kinases, Pik1p and Stt4p, in yeast autophagy. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 1214-1225.	2.4	9
10	Phosphatidylinositol 4â€phosphate on Rab7â€positive autophagosomes revealed by the freezeâ€fracture replica labeling. Traffic, 2019, 20, 82-95.	2.7	11
11	Nanoscale domain formation of phosphatidylinositol 4-phosphate in the plasma and vacuolar membranes of living yeast cells. European Journal of Cell Biology, 2018, 97, 269-278.	3.6	14
12	Immunoelectron Microscopy of Gangliosides. Methods in Molecular Biology, 2018, 1804, 231-239.	0.9	1
13	Segregation of phosphatidylinositol 4-phosphate and phosphatidylinositol 4,5-bisphosphate into distinct microdomains on the endosome membrane. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 1880-1890.	2.6	12
14	Nanoscale analysis reveals agonist-sensitive and heterogeneous pools of phosphatidylinositol 4-phosphate in the plasma membrane. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 1298-1305.	2.6	14
15	PtdIns4KIIÎ± generates endosomal PtdIns(4)P and is required for receptor sorting at early endosomes. Molecular Biology of the Cell, 2016, 27, 990-1001.	2.1	63
16	Clustering of Kir4.1 at specialized compartments of the lateral membrane in ependymal cells of rat brain. Cell and Tissue Research, 2015, 359, 627-634.	2.9	1
17	Ethanol extract of Brazilian propolis ameliorates cognitive dysfunction and suppressed protein aggregations caused by hyperhomocysteinemia. Bioscience, Biotechnology and Biochemistry, 2015, 79, 1884-1889.	1.3	10
18	Yeast and mammalian autophagosomes exhibit distinct phosphatidylinositol 3-phosphate asymmetries. Nature Communications, 2014, 5, 3207.	12.8	91

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19	A method for efficient observation of intracellular membranes of monolayer culture cells by quick-freeze and freeze-fracture electron microscopy. Journal of Electron Microscopy, 2012, 61, 441-446.	0.9	9
20	The Distribution of Phosphatidylinositol 4,5-Bisphosphate in Acinar Cells of Rat Pancreas Revealed with the Freeze-Fracture Replica Labeling Method. PLoS ONE, 2011, 6, e23567.	2.5	14
21	Claudin-4 induction by E-protein activity in later stages of CD4/8 double-positive thymocytes to increase positive selection efficiency. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4075-4080.	7.1	24
22	Quantitative electron microscopy for the nanoscale analysis of membrane lipid distribution. Nature Protocols, 2010, 5, 661-669.	12.0	54
23	Nanoscale Analysis of Glycolipid Distribution in the Cell Membrane. Trends in Glycoscience and Glycotechnology, 2010, 22, 173-181.	0.1	0
24	A distinct pool of phosphatidylinositol 4,5-bisphosphate in caveolae revealed by a nanoscale labeling technique. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9256-9261.	7.1	170
25	Quantitative electron microscopy shows uniform incorporation of triglycerides into existing lipid droplets. Histochemistry and Cell Biology, 2009, 132, 281-291.	1.7	67
26	Segregation of GM1 and GM3 clusters in the cell membrane depends on the intact actin cytoskeleton. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2009, 1791, 388-396.	2.4	74
27	Lipid droplets are arrested in the ER membrane by tight binding of lipidated apolipoprotein B-100. Journal of Cell Science, 2008, 121, 2415-2422.	2.0	137
28	All-trans-Retinol Generated by Rhodopsin Photobleaching Induces Rapid Recruitment of TIP47 to Lipid Droplets in the Retinal Pigment Epithelium. , 2007, 48, 2858.		17
29	Gangliosides GM1 and GM3 in the Living Cell Membrane Form Clusters Susceptible to Cholesterol Depletion and Chilling. Molecular Biology of the Cell, 2007, 18, 2112-2122.	2.1	215
30	The Active Site Cysteine of the Proapoptotic Protein Glyceraldehyde-3-phosphate Dehydrogenase Is Essential in Oxidative Stress-induced Aggregation and Cell Death. Journal of Biological Chemistry, 2007, 282, 26562-26574.	3.4	155
31	Functional interactions between the SK2 channel and the nicotinic acetylcholine receptor in enteric neurons of the guinea pig ileum. Journal of Neurochemistry, 2007, 103, 2428-2438.	3.9	9
32	Quantitative retention of membrane lipids in the freeze-fracture replica. Histochemistry and Cell Biology, 2007, 128, 385-389.	1.7	25
33	Cholesterol depletion induces autophagy. Biochemical and Biophysical Research Communications, 2006, 351, 246-252.	2.1	108
34	PACAP- and PHI-mediated sustained relaxation in circular muscle of gastric fundus: Findings obtained in PACAP knockout mice. Regulatory Peptides, 2006, 133, 54-61.	1.9	11
35	Examination of the role of cholinergic myenteric neurons with the impairment of neural reflexes in the ileum of c-kit mutant mice. Journal of Smooth Muscle Research, 2005, 41, 49-60.	1.2	9
36	Roles of M2 and M4 Muscarinic Receptors in Regulating Acetylcholine Release From Myenteric Neurons of Mouse Ileum. Journal of Neurophysiology, 2005, 93, 2841-2848.	1.8	37

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37	Ultrastructural identification of uncoated caveolin-independent early endocytic vehicles. Journal of Cell Biology, 2005, 168, 465-476.	5.2	385
38	Ascending contraction and descending relaxation in the distal colon of mice lacking interstitial cells of Cajal. Journal of Smooth Muscle Research, 2005, 41, 163-174.	1.2	12
39	Differential Assembly of Inwardly Rectifying K+ Channel Subunits, Kir4.1 and Kir5.1, in Brain Astrocytes. Journal of Biological Chemistry, 2004, 279, 44065-44073.	3.4	145
40	Mechanisms involved in carbachol-induced Ca2+ sensitization of contractile elements in rat proximal and distal colon. British Journal of Pharmacology, 2004, 142, 657-666.	5.4	21
41	Expression of an inwardly rectifying K⁺ channel, Kir5.1, in specific types of fibrocytes in the cochlear lateral wall suggests its functional importance in the establishment of endocochlear potential. European Journal of Neuroscience, 2004, 19, 76-84.	2.6	60
42	Changes in mechanism of PACAP-induced relaxation in longitudinal muscle of the distal colon of Wistar rats with age. Regulatory Peptides, 2004, 118, 1-9.	1.9	7
43	Essential Role of the Interstitial Cells of Cajal in Nitric Oxide-Mediated Relaxation of Longitudinal Muscle of the Mouse Ileum. Journal of Pharmacological Sciences, 2004, 95, 71-80.	2.5	11
44	Expression of the small conductance Ca 2+ -activated K + channel, SK3, in the olfactory ensheathing glial cells of rat brain. Cell and Tissue Research, 2003, 313, 187-193.	2.9	9
45	Nateglinide, a d-Phenylalanine Derivative Lacking Either a Sulfonylurea or Benzamido Moiety, Specifically Inhibits Pancreatic Î²-Cell-Type KATP Channels. Journal of Pharmacology and Experimental Therapeutics, 2003, 304, 1025-1032.	2.5	36
46	Essential Role of ATP Synthesized by Creatine Kinase in Contraction of Î±-Toxin Permeabilized Preparations of Tonic Type Smooth Muscle. Journal of Pharmacological Sciences, 2003, 92, 374-380.	2.5	5
47	The Site Where Newly Synthesized ATP Is Necessary for Tension Development in Î±-Toxin Permeabilized Preparations of Rat Proximal Colon. Journal of Pharmacological Sciences, 2003, 91, 277-284.	2.5	4
48	Localization of Ca2+-Activated K+ Channel, SK3, in Fibroblast-Like Cells Forming Gap Junctions With Smooth Muscle Cells in the Mouse Small Intestine. Journal of Pharmacological Sciences, 2003, 92, 35-42.	2.5	68
49	Dependence of Ca2+-Induced Contraction on ATP in Î±-Toxin-Permeabilized Preparations of Rat Femoral Artery. Journal of Pharmacological Sciences, 2003, 93, 171-179.	2.5	6
50	PAC1 Receptor-Mediated Relaxation of Longitudinal Muscle of the Mouse Proximal Colon. The Japanese Journal of Pharmacology, 2002, 90, 97-100.	1.2	10
51	Intramolecular Interaction of SUR2 Subtypes for Intracellular ADP-Induced Differential Control of KATPChannels. Circulation Research, 2002, 90, 554-561.	4.5	37
52	PSD-95 Mediates Formation of a Functional Homomeric Kir5.1 Channel in the Brain. Neuron, 2002, 34, 387-397.	8.1	61
53	Specific localization of an inwardly rectifying K + channel, Kir4.1, at the apical membrane of rat gastric parietal cells; its possible involvement in K + recycling for the H + â€K + â€pump. Journal of Physiology, 2002, 540, 85-92.	2.9	82
54	A possible role of neurotensin in NANC relaxation of longitudinal muscle of the jejunum and ileum of Wistar rats. British Journal of Pharmacology, 2002, 137, 629-636.	5.4	15

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55	NGF induces neurite outgrowth via a decrease in phosphorylation of myosin light chain in PC12 cells. NeuroReport, 2001, 12, 3599-3602.	1.2	24
56	Effect of 1DMe, a Neuropeptide FF Analog, on Acetylcholine Release From Myenteric Plexus of Guinea Pig Ileum. The Japanese Journal of Pharmacology, 2001, 86, 417-422.	1.2	12
57	Mechanism of a Nitric Oxide Donor NOR 1-Induced Relaxation in Longitudinal Muscle of Rat Proximal Colon. The Japanese Journal of Pharmacology, 2001, 86, 390-398.	1.2	7
58	Origin of Ca2+ Necessary for Carbachol-Induced Contraction in Longitudinal Muscle of the Proximal Colon of Rats. The Japanese Journal of Pharmacology, 2001, 87, 309-317.	1.2	12
59	Increase in participation of vasoactive intestinal peptide in relaxation of the distal colon of Wistar rats with age. British Journal of Pharmacology, 2000, 131, 942-948.	5.4	6
60	Mediators and Intracellular Mechanisms of NANC Relaxation of Smooth Muscle in the Gastrointestinal Tract. Journal of Smooth Muscle Research, 2000, 36, 181-204.	1.2	21
61	C-Terminal Tails of Sulfonylurea Receptors Control ADP-Induced Activation and Diazoxide Modulation of ATP-Sensitive K ⁺ Channels. Circulation Research, 2000, 87, 873-880.	4.5	85
62	Immunogold evidence suggests that coupling of K+ siphoning and water transport in rat retinal Mï¿½ller cells is mediated by a coenrichment of Kir4.1 and AQP4 in specific membrane domains. Glia, 1999, 26, 47-54.	4.9	417
63	High-resolution immunogold cytochemistry indicates that AQP4 is concentrated along the basal membrane of parietal cell in rat stomach. FEBS Letters, 1999, 459, 305-309.	2.8	38
64	Assignment of Mouse Cardiac Two-Pore Background K+Channel Gene (Kcnk4) to the Proximal Region of Mouse Chromosome 5. Genomics, 1998, 54, 183-184.	2.9	1
65	Cloning and Functional Expression of a Novel Cardiac Two-Pore Background K ⁺ Channel (cTBAK-1). Circulation Research, 1998, 82, 513-518.	4.5	119
66	Essential Role of Newly Synthesized ATP for Cyclic GMP-Induced Relaxation in .ALPHA.-Toxin Permeabilized Smooth Muscle of Rat Proximal Colon.. Journal of Smooth Muscle Research, 1997, 33, 163-174.	1.2	2
67	Cooperation of ATP and Norepinephrine in Inducing Contraction in Guinea Pig Vas Deferens Is Not Associated with Change in Intracellular Ca2+ Level. The Japanese Journal of Pharmacology, 1996, 70, 273-276.	1.2	6
68	Changes in neuronal contribution to contractile responses of vas deferens of young and adult guinea pigs. Journal of the Autonomic Nervous System, 1994, 50, 87-92.	1.9	14