

Akikazu Fujita

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3827407/publications.pdf>

Version: 2024-02-01

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	Immunogold evidence suggests that coupling of K ⁺ siphoning and water transport in rat retinal Müller cells is mediated by a coenrichment of Kir4.1 and AQP4 in specific membrane domains. <i>Glia</i> , 1999, 26, 47-54.	4.9	417
2	Ultrastructural identification of uncoated caveolin-independent early endocytic vehicles. <i>Journal of Cell Biology</i> , 2005, 168, 465-476.	5.2	385
3	Gangliosides GM1 and GM3 in the Living Cell Membrane Form Clusters Susceptible to Cholesterol Depletion and Chilling. <i>Molecular Biology of the Cell</i> , 2007, 18, 2112-2122.	2.1	215
4	A distinct pool of phosphatidylinositol 4,5-bisphosphate in caveolae revealed by a nanoscale labeling technique. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9256-9261.	7.1	170
5	The Active Site Cysteine of the Proapoptotic Protein Glyceraldehyde-3-phosphate Dehydrogenase Is Essential in Oxidative Stress-induced Aggregation and Cell Death. <i>Journal of Biological Chemistry</i> , 2007, 282, 26562-26574.	3.4	155
6	Differential Assembly of Inwardly Rectifying K ⁺ Channel Subunits, Kir4.1 and Kir5.1, in Brain Astrocytes. <i>Journal of Biological Chemistry</i> , 2004, 279, 44065-44073.	3.4	145
7	Lipid droplets are arrested in the ER membrane by tight binding of lipidated apolipoprotein B-100. <i>Journal of Cell Science</i> , 2008, 121, 2415-2422.	2.0	137
8	Cloning and Functional Expression of a Novel Cardiac Two-Pore Background K ⁺ Channel (cTBAK-1). <i>Circulation Research</i> , 1998, 82, 513-518.	4.5	119
9	Cholesterol depletion induces autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2006, 351, 246-252.	2.1	108
10	Yeast and mammalian autophagosomes exhibit distinct phosphatidylinositol 3-phosphate asymmetries. <i>Nature Communications</i> , 2014, 5, 3207.	12.8	91
11	C-Terminal Tails of Sulfonylurea Receptors Control ADP-Induced Activation and Diazoxide Modulation of ATP-Sensitive K ⁺ Channels. <i>Circulation Research</i> , 2000, 87, 873-880.	4.5	85
12	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 ⁺ pump. <i>Journal of Physiology</i> , 2002, 540, 85-92.	2.9	82
13	Segregation of GM1 and GM3 clusters in the cell membrane depends on the intact actin cytoskeleton. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009, 1791, 388-396.	2.4	74
14	Localization of Ca ²⁺ -Activated K ⁺ Channel, SK3, in Fibroblast-Like Cells Forming Gap Junctions With Smooth Muscle Cells in the Mouse Small Intestine. <i>Journal of Pharmacological Sciences</i> , 2003, 92, 35-42.	2.5	68
15	Quantitative electron microscopy shows uniform incorporation of triglycerides into existing lipid droplets. <i>Histochemistry and Cell Biology</i> , 2009, 132, 281-291.	1.7	67
16	PtdIns4K ^{II} generates endosomal PtdIns(4)P and is required for receptor sorting at early endosomes. <i>Molecular Biology of the Cell</i> , 2016, 27, 990-1001.	2.1	63
17	Predominant localization of phosphatidylserine at the cytoplasmic leaflet of the ER, and its TMEM16K-dependent redistribution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13368-13373.	7.1	63
18	PSD-95 Mediates Formation of a Functional Homomeric Kir5.1 Channel in the Brain. <i>Neuron</i> , 2002, 34, 387-397.	8.1	61

#	ARTICLE	IF	CITATIONS
19	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. <i>European Journal of Neuroscience</i> , 2004, 19, 76-84.	2.6	60
20	Quantitative electron microscopy for the nanoscale analysis of membrane lipid distribution. <i>Nature Protocols</i> , 2010, 5, 661-669.	12.0	54
21	High-resolution immunogold cytochemistry indicates that AQP4 is concentrated along the basal membrane of parietal cell in rat stomach. <i>FEBS Letters</i> , 1999, 459, 305-309.	2.8	38
22	Intramolecular Interaction of SUR2 Subtypes for Intracellular ADP-Induced Differential Control of KATP Channels. <i>Circulation Research</i> , 2002, 90, 554-561.	4.5	37
23	Roles of M2 and M4 Muscarinic Receptors in Regulating Acetylcholine Release From Myenteric Neurons of Mouse Ileum. <i>Journal of Neurophysiology</i> , 2005, 93, 2841-2848.	1.8	37
24	Nateglinide, a d-Phenylalanine Derivative Lacking Either a Sulfonylurea or Benzamido Moiety, Specifically Inhibits Pancreatic I ² -Cell-Type KATP Channels. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 304, 1025-1032.	2.5	36
25	Quantitative retention of membrane lipids in the freeze-fracture replica. <i>Histochemistry and Cell Biology</i> , 2007, 128, 385-389.	1.7	25
26	NGF induces neurite outgrowth via a decrease in phosphorylation of myosin light chain in PC12 cells. <i>NeuroReport</i> , 2001, 12, 3599-3602.	1.2	24
27	Claudin-4 induction by E-protein activity in later stages of CD4/8 double-positive thymocytes to increase positive selection efficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4075-4080.	7.1	24
28	Mediators and Intracellular Mechanisms of NANC Relaxation of Smooth Muscle in the Gastrointestinal Tract. <i>Journal of Smooth Muscle Research</i> , 2000, 36, 181-204.	1.2	21
29	Mechanisms involved in carbachol-induced Ca ²⁺ sensitization of contractile elements in rat proximal and distal colon. <i>British Journal of Pharmacology</i> , 2004, 142, 657-666.	5.4	21
30	All-trans-Retinol Generated by Rhodopsin Photobleaching Induces Rapid Recruitment of TIP47 to Lipid Droplets in the Retinal Pigment Epithelium. , 2007, 48, 2858.		17
31	A possible role of neurotensin in NANC relaxation of longitudinal muscle of the jejunum and ileum of Wistar rats. <i>British Journal of Pharmacology</i> , 2002, 137, 629-636.	5.4	15
32	Changes in neuronal contribution to contractile responses of vas deferens of young and adult guinea pigs. <i>Journal of the Autonomic Nervous System</i> , 1994, 50, 87-92.	1.9	14
33	The Distribution of Phosphatidylinositol 4,5-Bisphosphate in Acinar Cells of Rat Pancreas Revealed with the Freeze-Fracture Replica Labeling Method. <i>PLoS ONE</i> , 2011, 6, e23567.	2.5	14
34	Nanoscale analysis reveals agonist-sensitive and heterogeneous pools of phosphatidylinositol 4-phosphate in the plasma membrane. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 1298-1305.	2.6	14
35	Nanoscale domain formation of phosphatidylinositol 4-phosphate in the plasma and vacuolar membranes of living yeast cells. <i>European Journal of Cell Biology</i> , 2018, 97, 269-278.	3.6	14
36	Effect of 1DMe, a Neuropeptide FF Analog, on Acetylcholine Release From Myenteric Plexus of Guinea Pig Ileum. <i>The Japanese Journal of Pharmacology</i> , 2001, 86, 417-422.	1.2	12

#	ARTICLE	IF	CITATIONS
37	Origin of Ca ²⁺ Necessary for Carbachol-Induced Contraction in Longitudinal Muscle of the Proximal Colon of Rats. <i>The Japanese Journal of Pharmacology</i> , 2001, 87, 309-317.	1.2	12
38	Segregation of phosphatidylinositol 4-phosphate and phosphatidylinositol 4,5-bisphosphate into distinct microdomains on the endosome membrane. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1880-1890.	2.6	12
39	Ascending contraction and descending relaxation in the distal colon of mice lacking interstitial cells of Cajal. <i>Journal of Smooth Muscle Research</i> , 2005, 41, 163-174.	1.2	12
40	Essential Role of the Interstitial Cells of Cajal in Nitric Oxide-Mediated Relaxation of Longitudinal Muscle of the Mouse Ileum. <i>Journal of Pharmacological Sciences</i> , 2004, 95, 71-80.	2.5	11
41	PACAP- and PHI-mediated sustained relaxation in circular muscle of gastric fundus: Findings obtained in PACAP knockout mice. <i>Regulatory Peptides</i> , 2006, 133, 54-61.	1.9	11
42	Phosphatidylinositol 4-phosphate on Rab7-positive autophagosomes revealed by the freeze-fracture replica labeling. <i>Traffic</i> , 2019, 20, 82-95.	2.7	11
43	PAC1 Receptor-Mediated Relaxation of Longitudinal Muscle of the Mouse Proximal Colon. <i>The Japanese Journal of Pharmacology</i> , 2002, 90, 97-100.	1.2	10
44	Ethanol extract of Brazilian propolis ameliorates cognitive dysfunction and suppressed protein aggregations caused by hyperhomocysteinemia. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 1884-1889.	1.3	10
45	Expression of the small conductance Ca ²⁺ -activated K ⁺ channel, SK3, in the olfactory ensheathing glial cells of rat brain. <i>Cell and Tissue Research</i> , 2003, 313, 187-193.	2.9	9
46	Examination of the role of cholinergic myenteric neurons with the impairment of neural reflexes in the ileum of c-kit mutant mice. <i>Journal of Smooth Muscle Research</i> , 2005, 41, 49-60.	1.2	9
47	Functional interactions between the SK2 channel and the nicotinic acetylcholine receptor in enteric neurons of the guinea pig ileum. <i>Journal of Neurochemistry</i> , 2007, 103, 2428-2438.	3.9	9
48	A method for efficient observation of intracellular membranes of monolayer culture cells by quick-freeze and freeze-fracture electron microscopy. <i>Journal of Electron Microscopy</i> , 2012, 61, 441-446.	0.9	9
49	Essential and distinct roles of phosphatidylinositol 4-kinases, Pik1p and Stt4p, in yeast autophagy. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1214-1225.	2.4	9
50	Microautophagy in the yeast vacuole depends on the activities of phosphatidylinositol 4-kinases, Stt4p and Pik1p. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 1834-16.	2.6	8
51	Mechanism of a Nitric Oxide Donor NOR 1-Induced Relaxation in Longitudinal Muscle of Rat Proximal Colon. <i>The Japanese Journal of Pharmacology</i> , 2001, 86, 390-398.	1.2	7
52	Changes in mechanism of PACAP-induced relaxation in longitudinal muscle of the distal colon of Wistar rats with age. <i>Regulatory Peptides</i> , 2004, 118, 1-9.	1.9	7
53	Cooperation of ATP and Norepinephrine in Inducing Contraction in Guinea Pig Vas Deferens Is Not Associated with Change in Intracellular Ca ²⁺ Level. <i>The Japanese Journal of Pharmacology</i> , 1996, 70, 273-276.	1.2	6
54	Increase in participation of vasoactive intestinal peptide in relaxation of the distal colon of Wistar rats with age. <i>British Journal of Pharmacology</i> , 2000, 131, 942-948.	5.4	6

#	ARTICLE	IF	CITATIONS
55	Dependence of Ca ²⁺ -Induced Contraction on ATP in $\hat{\iota}$ -Toxin-Permeabilized Preparations of Rat Femoral Artery. <i>Journal of Pharmacological Sciences</i> , 2003, 93, 171-179.	2.5	6
56	Essential Role of ATP Synthesized by Creatine Kinase in Contraction of $\hat{\iota}$ -Toxin Permeabilized Preparations of Tonic Type Smooth Muscle. <i>Journal of Pharmacological Sciences</i> , 2003, 92, 374-380.	2.5	5
57	The Site Where Newly Synthesized ATP Is Necessary for Tension Development in $\hat{\iota}$ -Toxin Permeabilized Preparations of Rat Proximal Colon. <i>Journal of Pharmacological Sciences</i> , 2003, 91, 277-284.	2.5	4
58	Nanoscale analysis reveals no domain formation of glycosylphosphatidylinositol-anchored protein SAG1 in the plasma membrane of living <i>Toxoplasma gondii</i> . <i>Histochemistry and Cell Biology</i> , 2019, 152, 365-375.	1.7	4
59	Selective increment of phosphatidylserine on the autophagic body membrane in the yeast vacuole. <i>FEBS Letters</i> , 2021, 595, 2197-2207.	2.8	4
60	Glycosphingolipid GM3 is localized in both exoplasmic and cytoplasmic leaflets of <i>Plasmodium falciparum</i> malaria parasite plasma membrane. <i>Scientific Reports</i> , 2021, 11, 14890.	3.3	3
61	Raft microdomain localized in the luminal leaflet of inner membrane complex of living <i>Toxoplasma gondii</i> . <i>European Journal of Cell Biology</i> , 2021, 100, 151149.	3.6	2
62	The distribution of phosphatidylinositol 4,5-bisphosphate in the budding yeast plasma membrane. <i>Histochemistry and Cell Biology</i> , 2021, 156, 109-121.	1.7	2
63	Essential Role of Newly Synthesized ATP for Cyclic GMP-Induced Relaxation in α -Toxin Permeabilized Smooth Muscle of Rat Proximal Colon. <i>Journal of Smooth Muscle Research</i> , 1997, 33, 163-174.	1.2	2
64	Assignment of Mouse Cardiac Two-Pore Background K ⁺ Channel Gene (<i>Kcnk4</i>) to the Proximal Region of Mouse Chromosome 5. <i>Genomics</i> , 1998, 54, 183-184.	2.9	1
65	Clustering of Kir4.1 at specialized compartments of the lateral membrane in ependymal cells of rat brain. <i>Cell and Tissue Research</i> , 2015, 359, 627-634.	2.9	1
66	Immunoelectron Microscopy of Gangliosides. <i>Methods in Molecular Biology</i> , 2018, 1804, 231-239.	0.9	1
67	Essential roles of phosphatidylinositol 4-phosphate phosphatases Sac1p and Sjl3p in yeast autophagosome formation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2022, 1867, 159184.	2.4	1
68	Nanoscale Analysis of Glycolipid Distribution in the Cell Membrane. <i>Trends in Glycoscience and Glycotechnology</i> , 2010, 22, 173-181.	0.1	0