

Mitsunori Fukuda

List of Publications by Year in descending order

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356
papers

31,290
citations

7568

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5829

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446
all docs

446
docs citations

446
times ranked

38755
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	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Rab27a and Rab27b control different steps of the exosome secretion pathway. <i>Nature Cell Biology</i> , 2010, 12, 19-30.	10.3	1,992
4	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (edition	9.1	1,430
5	The Atg16L Complex Specifies the Site of LC3 Lipidation for Membrane Biogenesis in Autophagy. <i>Molecular Biology of the Cell</i> , 2008, 19, 2092-2100.	2.1	900
6	AS160, the Akt substrate regulating GLUT4 translocation, has a functional Rab GTPase-activating protein domain. <i>Biochemical Journal</i> , 2005, 391, 87-93.	3.7	364
7	Membrane traffic in the secretory pathway. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 2801-2813.	5.4	341
8	Slac2-a/Melanophilin, the Missing Link between Rab27 and Myosin Va. <i>Journal of Biological Chemistry</i> , 2002, 277, 12432-12436.	3.4	317
9	Rab10, a Target of the AS160 Rab GAP, Is Required for Insulin-Stimulated Translocation of GLUT4 to the Adipocyte Plasma Membrane. <i>Cell Metabolism</i> , 2007, 5, 293-303.	16.2	304
10	Recruitment of the autophagic machinery to endosomes during infection is mediated by ubiquitin. <i>Journal of Cell Biology</i> , 2013, 203, 115-128.	5.2	242
11	Golgi-resident Small GTPase Rab33B Interacts with Atg16L and Modulates Autophagosome Formation. <i>Molecular Biology of the Cell</i> , 2008, 19, 2916-2925.	2.1	233
12	Ca ²⁺ -Dependent Synaptotagmin Binding to SNAP-25 Is Essential for Ca ²⁺ -Triggered Exocytosis. <i>Neuron</i> , 2002, 34, 599-611.	8.1	224
13	Rab family of small GTPases: an updated view on their regulation and functions. <i>FEBS Journal</i> , 2021, 288, 36-55.	4.7	223
14	LRRK2 and its substrate Rab GTPases are sequentially targeted onto stressed lysosomes and maintain their homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9115-E9124.	7.1	222
15	Large Scale Screening for Novel Rab Effectors Reveals Unexpected Broad Rab Binding Specificity. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 1031-1042.	3.8	218
16	The Slp Homology Domain of Synaptotagmin-like Proteins 1â€“4 and Slac2 Functions as a Novel Rab27A Binding Domain. <i>Journal of Biological Chemistry</i> , 2002, 277, 9212-9218.	3.4	197
17	Versatile Role of Rab27 in Membrane Trafficking: Focus on the Rab27 Effector Families. <i>Journal of Biochemistry</i> , 2005, 137, 9-16.	1.7	196
18	Munc13-4 Is a GTP-Rab27-binding Protein Regulating Dense Core Granule Secretion in Platelets. <i>Journal of Biological Chemistry</i> , 2004, 279, 10730-10737.	3.4	193

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19	Mutation of the Pleckstrin Homology Domain of Bruton's Tyrosine Kinase in Immunodeficiency Impaired Inositol 1,3,4,5-Tetrakisphosphate Binding Capacity. <i>Journal of Biological Chemistry</i> , 1996, 271, 30303-30306.	3.4	192
20	Synaptotagmin IV regulates glial glutamate release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 9441-9446.	7.1	188
21	Rab27 Effectors, Pleiotropic Regulators in Secretory Pathways. <i>Traffic</i> , 2013, 14, 949-963.	2.7	185
22	Distinct Rab Binding Specificity of Rim1, Rim2, Rabphilin, and Noc2. <i>Journal of Biological Chemistry</i> , 2003, 278, 15373-15380.	3.4	181
23	Anterograde Transport of TrkB in Axons Is Mediated by Direct Interaction with Slp1 and Rab27. <i>Developmental Cell</i> , 2009, 16, 675-686.	7.0	176
24	The Short Apical Membrane Half-life of Rescued Δ F508-Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Results from Accelerated Endocytosis of Δ F508-CFTR in Polarized Human Airway Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 36762-36772.	3.4	174
25	Rab3A and Rab27A cooperatively regulate the docking step of dense-core vesicle exocytosis in PC12 cells. <i>Journal of Cell Science</i> , 2006, 119, 2196-2203.	2.0	169
26	Functional Diversity of C2 Domains of Synaptotagmin Family. <i>Journal of Biological Chemistry</i> , 1995, 270, 26523-26527.	3.4	166
27	Slac2-c (Synaptotagmin-like Protein Homologue Lacking C2 Domains-c), a Novel Linker Protein that Interacts with Rab27, Myosin Va/VIIa, and Actin. <i>Journal of Biological Chemistry</i> , 2002, 277, 43096-43103.	3.4	159
28	TBC proteins: GAPs for mammalian small GTPase Rab?. <i>Bioscience Reports</i> , 2011, 31, 159-168.	2.4	157
29	An ARF6/Rab35 GTPase Cascade for Endocytic Recycling and Successful Cytokinesis. <i>Current Biology</i> , 2012, 22, 147-153.	3.9	157
30	Conserved N-terminal Cysteine Motifs Essential for Homo- and Heterodimer Formation of Synaptotagmins III, V, VI, and X. <i>Journal of Biological Chemistry</i> , 1999, 274, 31421-31427.	3.4	153
31	Rab27A-binding protein Slp2-a is required for peripheral melanosome distribution and elongated cell shape in melanocytes. <i>Nature Cell Biology</i> , 2004, 6, 1195-1203.	10.3	149
32	Role of the C2B domain of synaptotagmin in vesicular release and recycling as determined by specific antibody injection into the squid giant synapse preterminal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 10708-10712.	7.1	148
33	Involvement of the Rab27 Binding Protein Slac2c/MyRIP in Insulin Exocytosis. <i>Molecular Biology of the Cell</i> , 2003, 14, 4103-4113.	2.1	146
34	OATL1, a novel autophagosome-resident Rab33B-GAP, regulates autophagosomal maturation. <i>Journal of Cell Biology</i> , 2011, 192, 839-853.	5.2	146
35	Proteomics Analysis of Insulin Secretory Granules. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 1007-1017.	3.8	145
36	Regulation of Synaptic Transmission by RAB-3 and RAB-27 in <i>Caenorhabditis elegans</i> . <i>Molecular Biology of the Cell</i> , 2006, 17, 2617-2625.	2.1	144

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37	Pericentrosomal targeting of Rab6 secretory vesicles by Bicaudal-D-related protein 1 (BICDR-1) regulates neuritogenesis. <i>EMBO Journal</i> , 2010, 29, 1637-1651.	7.8	144
38	Screening for target Rabs of TBC (Tre-2/Bub2/Cdc16) domain-containing proteins based on their Rab-binding activity. <i>Genes To Cells</i> , 2006, 11, 1023-1037.	1.2	129
39	Rab35 and Its GAP EPI64C in T Cells Regulate Receptor Recycling and Immunological Synapse Formation. <i>Journal of Biological Chemistry</i> , 2008, 283, 18323-18330.	3.4	126
40	Rab35 regulates Arf6 activity through centaurin $\hat{1}$ 2/ACAP2 during neurite outgrowth. <i>Journal of Cell Science</i> , 2012, 125, 2235-43.	2.0	126
41	C9orf72 and RAB7L1 regulate vesicle trafficking in amyotrophic lateral sclerosis and frontotemporal dementia. <i>Brain</i> , 2017, 140, 887-897.	7.6	126
42	The Secretory Granule-Associated Protein CAPS2 Regulates Neurotrophin Release and Cell Survival. <i>Journal of Neuroscience</i> , 2004, 24, 43-52.	3.6	124
43	Synaptotagmin-like proteins control the formation of a single apical membrane domain in epithelial cells. <i>Nature Cell Biology</i> , 2012, 14, 838-849.	10.3	124
44	C2 Domains from Different Ca ²⁺ Signaling Pathways Display Functional and Mechanistic Diversity. <i>Biochemistry</i> , 2001, 40, 3089-3100.	2.5	119
45	Role of the C2A domain of synaptotagmin in transmitter release as determined by specific antibody injection into the squid giant synapse preterminal.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 10703-10707.	7.1	117
46	The <i>Leishmania donovani</i> Lipophosphoglycan Excludes the Vesicular Proton-ATPase from Phagosomes by Impairing the Recruitment of Synaptotagmin V. <i>PLoS Pathogens</i> , 2009, 5, e1000628.	4.7	117
47	Fis1 acts as a mitochondrial recruitment factor for TBC1D15 that is involved in regulation of mitochondrial morphology. <i>Journal of Cell Science</i> , 2013, 126, 176-185.	2.0	117
48	The first C2 domain of synaptotagmin is required for exocytosis of insulin from pancreatic $\hat{1}$ 2-cells: action of synaptotagmin at low micromolar calcium. <i>EMBO Journal</i> , 1997, 16, 5837-5846.	7.8	113
49	The Actin-Binding Domain of Slac2-a/Melanophilin Is Required for Melanosome Distribution in Melanocytes. <i>Molecular and Cellular Biology</i> , 2003, 23, 5245-5255.	2.3	112
50	Synaptotagmin Interaction with the Syntaxin/SNAP-25 Dimer Is Mediated by an Evolutionarily Conserved Motif and Is Sensitive to Inositol Hexakisphosphate. <i>Journal of Biological Chemistry</i> , 2004, 279, 12574-12579.	3.4	111
51	A Novel Alternatively Spliced Variant of Synaptotagmin VI Lacking a Transmembrane Domain. <i>Journal of Biological Chemistry</i> , 1999, 274, 31428-31434.	3.4	104
52	Synaptotagmin-like Protein 1-3: A Novel Family of C-Terminal-Type Tandem C2 Proteins. <i>Biochemical and Biophysical Research Communications</i> , 2001, 281, 1226-1233.	2.1	103
53	The small GTPase Rab27B regulates amylase release from rat parotid acinar cells. <i>Journal of Cell Science</i> , 2004, 117, 1945-1953.	2.0	103
54	The function of inositol high polyphosphate binding proteins. <i>BioEssays</i> , 1997, 19, 593-603.	2.5	102

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55	Comprehensive Screening for Novel Rab-Binding Proteins by GST Pull-Down Assay Using 60 Different Mammalian Rabs. <i>Traffic</i> , 2010, 11, 491-507.	2.7	102
56	Synaptotagmin V and IX isoforms control Ca ²⁺ -dependent insulin exocytosis. <i>Journal of Cell Science</i> , 2004, 117, 3119-3127.	2.0	99
57	Broad-Minded Links Cell Cycle-Related Kinase to Cilia Assembly and Hedgehog Signal Transduction. <i>Developmental Cell</i> , 2010, 18, 237-247.	7.0	99
58	Rab10 in insulin-stimulated GLUT4 translocation. <i>Biochemical Journal</i> , 2008, 411, 89-95.	3.7	97
59	Varp Is a Novel Rab32/38-binding Protein That Regulates Tyrp1 Trafficking in Melanocytes. <i>Molecular Biology of the Cell</i> , 2009, 20, 2900-2908.	2.1	97
60	Chronic Olanzapine Treatment Causes Differential Expression of Genes in Frontal Cortex of Rats as Revealed by DNA Microarray Technique. <i>Neuropsychopharmacology</i> , 2006, 31, 1888-1899.	5.4	96
61	Myosin Vb Is Required for Trafficking of the Cystic Fibrosis Transmembrane Conductance Regulator in Rab11a-specific Apical Recycling Endosomes in Polarized Human Airway Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 23725-23736.	3.4	94
62	Regulation of podocalyxin trafficking by Rab small GTPases in 2D and 3D epithelial cell cultures. <i>Journal of Cell Biology</i> , 2016, 213, 355-369.	5.2	94
63	Synaptotagmin IX Regulates Ca ²⁺ -dependent Secretion in PC12 Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 4601-4604.	3.4	93
64	The C2B Domain of Rabphilin Directly Interacts with SNAP-25 and Regulates the Docking Step of Dense Core Vesicle Exocytosis in PC12 Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 39253-39259.	3.4	93
65	Small GTPase Rab12 Regulates Constitutive Degradation of Transferrin Receptor. <i>Traffic</i> , 2011, 12, 1432-1443.	2.7	92
66	The inositol high-polyphosphate series blocks synaptic transmission by preventing vesicular fusion: a squid giant synapse study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 12990-12993.	7.1	91
67	Rab35 promotes the recruitment of Rab8, Rab13 and Rab36 to recycling endosomes through MICAL-L1 during neurite outgrowth. <i>Biology Open</i> , 2014, 3, 803-814.	1.2	89
68	Genetic screen in <i>Drosophila</i> muscle identifies autophagy-mediated T-tubule remodeling and a Rab2 role in autophagy. <i>ELife</i> , 2017, 6, .	6.0	88
69	Phospholipid Composition Dependence of Ca ²⁺ -dependent Phospholipid Binding to the C2A Domain of Synaptotagmin IV. <i>Journal of Biological Chemistry</i> , 1996, 271, 8430-8434.	3.4	87
70	Slp1 and Slp2 localize to the Plasma Membrane of CTL and Contribute to Secretion from the Immunological Synapse. <i>Traffic</i> , 2008, 9, 446-457.	2.7	87
71	Rab12 regulates mTORC1 activity and autophagy through controlling the degradation of amino acid transporter PAT4. <i>EMBO Reports</i> , 2013, 14, 450-457.	4.5	87
72	Characterization of the Pleckstrin Homology Domain of Btk as an Inositol Polyphosphate and Phosphoinositide Binding Domain. <i>Biochemical and Biophysical Research Communications</i> , 1997, 236, 333-339.	2.1	86

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73	Rabphilin and Noc2 Are Recruited to Dense-core Vesicles through Specific Interaction with Rab27A in PC12 Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 13065-13075.	3.4	86
74	Identification of molecular heterogeneity in SNX27-retromer-mediated endosome-to-plasma membrane recycling. <i>Journal of Cell Science</i> , 2014, 127, 4940-53.	2.0	86
75	Structure-Function Relationships of the Mouse Gap1m. <i>Journal of Biological Chemistry</i> , 1996, 271, 18838-18842.	3.4	84
76	BCA2/Rabring7 Promotes Tetherin-Dependent HIV-1 Restriction. <i>PLoS Pathogens</i> , 2009, 5, e1000700.	4.7	84
77	The Recycling Endosome Protein Rab17 Regulates Melanocytic Filopodia Formation and Melanosome Trafficking. <i>Traffic</i> , 2011, 12, 627-643.	2.7	83
78	NDR2-mediated Rabin8 phosphorylation is crucial for ciliogenesis by switching binding specificity from phosphatidylserine to Sec15. <i>EMBO Journal</i> , 2013, 32, 874-885.	7.8	83
79	Novel Splicing Isoforms of Synaptotagmin-like Proteins 2 and 3: Identification of the Slp Homology Domain. <i>Biochemical and Biophysical Research Communications</i> , 2001, 283, 513-519.	2.1	81
80	Exome Sequencing Reveals a Homozygous SYT14 Mutation in Adult-Onset, Autosomal-Recessive Spinocerebellar Ataxia with Psychomotor Retardation. <i>American Journal of Human Genetics</i> , 2011, 89, 320-327.	6.2	79
81	Rabin8 regulates neurite outgrowth in both GEF activity-dependent and -independent manners. <i>Molecular Biology of the Cell</i> , 2016, 27, 2107-2118.	2.1	79
82	SYNCRIP, a Cytoplasmic Counterpart of Heterogeneous Nuclear Ribonucleoprotein R, Interacts with Ubiquitous Synaptotagmin Isoforms. <i>Journal of Biological Chemistry</i> , 2000, 275, 9823-9831.	3.4	78
83	Synaptotagmin-like protein 5: a novel Rab27A effector with C-terminal tandem C2 domains. <i>Biochemical and Biophysical Research Communications</i> , 2002, 293, 899-906.	2.1	78
84	Atg16L2, a novel isoform of mammalian Atg16L that is not essential for canonical autophagy despite forming an Atg12-16L2 complex. <i>Autophagy</i> , 2011, 7, 1500-1513.	9.1	78
85	Slp4-a/Granuphilin-a Regulates Dense-core Vesicle Exocytosis in PC12 Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 39673-39678.	3.4	77
86	Identification of EPI64 as a GTPase-activating Protein Specific for Rab27A. <i>Journal of Biological Chemistry</i> , 2006, 281, 31823-31831.	3.4	76
87	Distinct roles of C2A and C2B domains of synaptotagmin in the regulation of exocytosis in adrenal chromaffin cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 287-291.	7.1	74
88	Synaptotagmin VII Is Targeted to Dense-core Vesicles and Regulates Their Ca ²⁺ -dependent Exocytosis in PC12 Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 52677-52684.	3.4	74
89	The Slp4-a Linker Domain Controls Exocytosis through Interaction with Munc18-1-Syntaxin-1a Complex. <i>Molecular Biology of the Cell</i> , 2006, 17, 2101-2112.	2.1	74
90	Rab35 regulates phagosome formation through recruitment of ACAP2 in macrophages during Fcγ ₃ R-mediated phagocytosis. <i>Journal of Cell Science</i> , 2011, 124, 3557-3567.	2.0	74

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91	Synaptotagmin VI Participates in the Acrosome Reaction of Human Spermatozoa. <i>Developmental Biology</i> , 2001, 235, 521-529.	2.0	73
92	Synaptotagmin-like Protein (Slp) Homology Domain 1 of Slac2-a/Melanophilin Is a Critical Determinant of GTP-dependent Specific Binding to Rab27A. <i>Journal of Biological Chemistry</i> , 2002, 277, 40118-40124.	3.4	73
93	Role of Rab family GTPases and their effectors in melanosomal logistics. <i>Journal of Biochemistry</i> , 2012, 151, 343-351.	1.7	72
94	Rab-genome analysis reveals novel insights in Weibel-Palade body exocytosis. <i>Journal of Cell Science</i> , 2012, 125, 4780-90.	2.0	72
95	Rab10 regulates tubular endosome formation through KIF13A/B motors. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	72
96	Distinct Self-oligomerization Activities of Synaptotagmin Family. <i>Journal of Biological Chemistry</i> , 2000, 275, 28180-28185.	3.4	70
97	The Rab Interacting Lysosomal Protein (RILP) Homology Domain Functions as a Novel Effector Domain for Small GTPase Rab36. <i>Journal of Biological Chemistry</i> , 2012, 287, 28619-28631.	3.4	70
98	Rab27 and its effectors in secretory granule exocytosis: a novel docking machinery composed of a Rab27A-effector complex. <i>Biochemical Society Transactions</i> , 2006, 34, 691-695.	3.4	69
99	Synaptotagmin IV Is Present at the Golgi and Distal Parts of Neurites. <i>Journal of Neurochemistry</i> , 2001, 74, 518-526.	3.9	67
100	Synaptotagmin V Is Targeted to Dense-core Vesicles That Undergo Calcium-dependent Exocytosis in PC12 Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 24499-24505.	3.4	67
101	Genome-wide Investigation of the Rab Binding Activity of RUN Domains: Development of a Novel Tool that Specifically Traps GTP-Rab35. <i>Cell Structure and Function</i> , 2011, 36, 155-170.	1.1	66
102	Revisiting Rab7 Functions in Mammalian Autophagy: Rab7 Knockout Studies. <i>Cells</i> , 2018, 7, 215.	4.1	66
103	Role of the conserved WHXL motif in the C terminus of synaptotagmin in synaptic vesicle docking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 14715-14719.	7.1	65
104	Structural Basis for the Exclusive Specificity of Slac2-a/Melanophilin for the Rab27 GTPases. <i>Structure</i> , 2008, 16, 1478-1490.	3.3	64
105	Multiple Types of Guanine Nucleotide Exchange Factors (GEFs) for Rab Small GTPases. <i>Cell Structure and Function</i> , 2016, 41, 61-79.	1.1	64
106	Synaptotagmin Is an Inositol Polyphosphate Binding Protein: Isolation and Characterization as an Ins 1,3,4,5-P4 Binding Protein. <i>Biochemical and Biophysical Research Communications</i> , 1994, 205, 1036-1042.	2.1	63
107	Plasmalemmal repair of severed neurites of PC12 cells requires Ca ²⁺ and synaptotagmin. <i>Journal of Neuroscience Research</i> , 2000, 62, 566-573.	2.9	63
108	Structure-Function Analysis of VPS9-Ankyrin-repeat Protein (Varp) in the Trafficking of Tyrosinase-related Protein 1 in Melanocytes. <i>Journal of Biological Chemistry</i> , 2011, 286, 7507-7521.	3.4	63

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109	Alternative splicing isoforms of synaptotagmin VII in the mouse, rat and human. <i>Biochemical Journal</i> , 2002, 365, 173-180.	3.7	62
110	Slp4-a/Granuphilin-a Inhibits Dense-core Vesicle Exocytosis through Interaction with the GDP-bound Form of Rab27A in PC12 Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 15390-15396.	3.4	62
111	Mechanism of the SDS-resistant Synaptotagmin Clustering Mediated by the Cysteine Cluster at the Interface between the Transmembrane and Spacer Domains. <i>Journal of Biological Chemistry</i> , 2001, 276, 40319-40325.	3.4	61
112	Atg16L1, an essential factor for canonical autophagy, participates in hormone secretion from PC12 cells independently of autophagic activity. <i>Molecular Biology of the Cell</i> , 2012, 23, 3193-3202.	2.1	60
113	Rab13 acts downstream of the kinase Mst1 to deliver the integrin LFA-1 to the cell surface for lymphocyte trafficking. <i>Science Signaling</i> , 2014, 7, ra72.	3.6	59
114	Correspondence. <i>Neuroscience</i> , 1997, 77, 937-943.	2.3	58
115	Role of synaptotagmin, a Ca ²⁺ and inositol polyphosphate binding protein, in neurotransmitter release and neurite outgrowth. <i>Chemistry and Physics of Lipids</i> , 1999, 98, 59-67.	3.2	58
116	LMTK1/AATYK1 Is a Novel Regulator of Axonal Outgrowth That Acts via Rab11 in a Cdk5-Dependent Manner. <i>Journal of Neuroscience</i> , 2012, 32, 6587-6599.	3.6	58
117	Characterization of the Molecular Defects in Rab27a, Caused by RAB27A Missense Mutations Found in Patients with Griscelli Syndrome. <i>Journal of Biological Chemistry</i> , 2003, 278, 11386-11392.	3.4	57
118	Cholesterol Controls Lipid Endocytosis through Rab11. <i>Molecular Biology of the Cell</i> , 2007, 18, 2667-2677.	2.1	57
119	P53- and mevalonate pathway-driven malignancies require Arf6 for metastasis and drug resistance. <i>Journal of Cell Biology</i> , 2016, 213, 81-95.	5.2	57
120	Comprehensive knockout analysis of the Rab family GTPases in epithelial cells. <i>Journal of Cell Biology</i> , 2019, 218, 2035-2050.	5.2	57
121	ALIX and ceramide differentially control polarized small extracellular vesicle release from epithelial cells. <i>EMBO Reports</i> , 2021, 22, e51475.	4.5	57
122	Axolemmal repair requires proteins that mediate synaptic vesicle fusion. <i>Journal of Neurobiology</i> , 2000, 44, 382-391.	3.6	56
123	Lys-63-linked Ubiquitination by E3 Ubiquitin Ligase Nedd4-1 Facilitates Endosomal Sequestration of Internalized I β -Synuclein. <i>Journal of Biological Chemistry</i> , 2014, 289, 18137-18151.	3.4	56
124	Plasmalemmal sealing of transected mammalian neurites is a gradual process mediated by Ca ²⁺ -regulated proteins. <i>Journal of Neuroscience Research</i> , 2003, 74, 541-551.	2.9	55
125	Rab35 establishes the EHD1-association site by coordinating two distinct effectors during neurite outgrowth. <i>Journal of Cell Science</i> , 2013, 126, 2424-35.	2.0	54
126	Adenovirus-mediated silencing of Synaptotagmin 9 inhibits Ca ²⁺ -dependent insulin secretion in islets. <i>FEBS Letters</i> , 2005, 579, 5241-5246.	2.8	53

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127	Molecular Cloning, Expression, and Characterization of a Novel Class of Synaptotagmin (Syt XIV) Conserved from Drosophila to Humans. <i>Journal of Biochemistry</i> , 2003, 133, 641-649.	1.7	52
128	Decreased basal mucus secretion by Slp2-a-deficient gastric surface mucous cells. <i>Genes To Cells</i> , 2006, 11, 623-631.	1.2	52
129	Rab27A Regulates Transport of Cell Surface Receptors Modulating Multinucleation and Lysosome-Related Organelles in Osteoclasts. <i>Scientific Reports</i> , 2015, 5, 9620.	3.3	51
130	Small GTPase Rab2B and Its Specific Binding Protein Golgi-associated Rab2B Interactor-like 4 (GARI-L4) Regulate Golgi Morphology. <i>Journal of Biological Chemistry</i> , 2015, 290, 22250-22261.	3.4	51
131	Recent advances in understanding the molecular basis of melanogenesis in melanocytes. <i>F1000Research</i> , 2020, 9, 608.	1.6	51
132	Slp4-a/Granuphilin-a Interacts with Syntaxin-2/3 in a Munc18-2-dependent Manner. <i>Journal of Biological Chemistry</i> , 2005, 280, 39175-39184.	3.4	50
133	Human RME-8 Is Involved in Membrane Trafficking through Early Endosomes. <i>Cell Structure and Function</i> , 2008, 33, 35-50.	1.1	50
134	Rab33a Mediates Anterograde Vesicular Transport for Membrane Exocytosis and Axon Outgrowth. <i>Journal of Neuroscience</i> , 2012, 32, 12712-12725.	3.6	50
135	Identification and characterization of a novel Treâ€2/Bub2/Cdc16 (TBC) protein that possesses Rab3Aâ€™GAP activity. <i>Genes To Cells</i> , 2009, 14, 41-52.	1.2	49
136	Roles of lysosomotropic agents on LRRK2 activation and Rab10 phosphorylation. <i>Neurobiology of Disease</i> , 2020, 145, 105081.	4.4	49
137	Calcium-Dependent Phospholipid Binding to the C2A Domain of a Ubiquitous Form of Double C2 Protein (Doc2A). <i>Journal of Biochemistry</i> , 1996, 120, 671-676.	1.7	48
138	Slac2-a/Melanophilin Contains Multiple PEST-like Sequences That Are Highly Sensitive to Proteolysis. <i>Journal of Biological Chemistry</i> , 2004, 279, 22314-22321.	3.4	48
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140	Rab5 Is a Novel Regulator of Mast Cell Secretory Granules: Impact on Size, Cargo, and Exocytosis. <i>Journal of Immunology</i> , 2014, 192, 4043-4053.	0.8	48
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