

# Rytis Prekeris

## List of Publications by Year in descending order

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66  
papers

3,868  
citations

117453

34  
h-index

133063

59  
g-index

73  
all docs

73  
docs citations

73  
times ranked

4743  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rab11-FIP3 and FIP4 interact with Arf6 and the Exocyst to control membrane traffic in cytokinesis. <i>EMBO Journal</i> , 2005, 24, 3389-3399.	3.5	288
2	The FIP3-Rab11 Protein Complex Regulates Recycling Endosome Targeting to the Cleavage Furrow during Late Cytokinesis. <i>Molecular Biology of the Cell</i> , 2005, 16, 849-860.	0.9	284
3	Syntaxin 13 Mediates Cycling of Plasma Membrane Proteins via Tubulovesicular Recycling Endosomes. <i>Journal of Cell Biology</i> , 1998, 143, 957-971.	2.3	264
4	The regulation of MMP targeting to invadopodia during cancer metastasis. <i>Frontiers in Cell and Developmental Biology</i> , 2015, 3, 4.	1.8	223
5	A Rab11/Rip11 Protein Complex Regulates Apical Membrane Trafficking via Recycling Endosomes. <i>Molecular Cell</i> , 2000, 6, 1437-1448.	4.5	206
6	The Rip11/Rab11-FIP5 and kinesin II complex regulates endocytic protein recycling. <i>Journal of Cell Science</i> , 2008, 121, 3824-3833.	1.2	139
7	Arfophilins Are Dual Arf/Rab 11 Binding Proteins That Regulate Recycling Endosome Distribution and Are Related to <i>Drosophila</i> Nuclear Fallout. <i>Molecular Biology of the Cell</i> , 2003, 14, 2908-2920.	0.9	138
8	FIP3-endosome-dependent formation of the secondary ingression mediates ESCRT-III recruitment during cytokinesis. <i>Nature Cell Biology</i> , 2012, 14, 1068-1078.	4.6	132
9	Rab40b regulates MMP2 and MMP9 trafficking during invadopodia formation and breast cancer cell invasion. <i>Journal of Cell Science</i> , 2013, 126, 4647-58.	1.2	116
10	Identification of a Novel Rab11/25 Binding Domain Present in Eferin and Rip Proteins. <i>Journal of Biological Chemistry</i> , 2001, 276, 38966-38970.	1.6	105
11	Endocytic membrane fusion and buckling-induced microtubule severing mediate cell abscission. <i>Journal of Cell Science</i> , 2011, 124, 1411-1424.	1.2	103
12	Breaking up is hard to do – membrane traffic in cytokinesis. <i>Journal of Cell Science</i> , 2008, 121, 1569-1576.	1.2	92
13	Molecular Characterization of Rab11 Interactions with Members of the Family of Rab11-interacting Proteins. <i>Journal of Biological Chemistry</i> , 2004, 279, 33430-33437.	1.6	91
14	Sequential Cyk-4 binding to ECT2 and FIP3 regulates cleavage furrow ingression and abscission during cytokinesis. <i>EMBO Journal</i> , 2008, 27, 1791-1803.	3.5	84
15	The RCP – Rab11 Complex Regulates Endocytic Protein Sorting. <i>Molecular Biology of the Cell</i> , 2004, 15, 3530-3541.	0.9	82
16	<sc>FIP</sc> 5 phosphorylation during mitosis regulates apical trafficking and lumenogenesis. <i>EMBO Reports</i> , 2014, 15, 428-437.	2.0	82
17	Slitrk5 Mediates BDNF-Dependent TrkB Receptor Trafficking and Signaling. <i>Developmental Cell</i> , 2015, 33, 690-702.	3.1	81
18	Cingulin and actin mediate midbody-dependent apical lumen formation during polarization of epithelial cells. <i>Nature Communications</i> , 2016, 7, 12426.	5.8	80

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19	R-Ketorolac Targets Cdc42 and Rac1 and Alters Ovarian Cancer Cell Behaviors Critical for Invasion and Metastasis. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 2215-2227.	1.9	78
20	Rabs, Rips, FIPs, and Endocytic Membrane Traffic. <i>Scientific World Journal, The</i> , 2003, 3, 870-880.	0.8	77
21	Membrane dynamics during cytokinesis. <i>Current Opinion in Cell Biology</i> , 2013, 25, 92-98.	2.6	66
22	Polarized Protein Transport and Lumen Formation During Epithelial Tissue Morphogenesis. <i>Annual Review of Cell and Developmental Biology</i> , 2015, 31, 575-591.	4.0	65
23	Functional Characterization of Mutations in the Myosin Vb Gene Associated With Microvillus Inclusion Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2011, 52, 307-313.	0.9	62
24	Endocytic transport and cytokinesis: from regulation of the cytoskeleton to midbody inheritance. <i>Trends in Cell Biology</i> , 2013, 23, 319-327.	3.6	62
25	Midbody: from cellular junk to regulator of cell polarity and cell fate. <i>Current Opinion in Cell Biology</i> , 2015, 35, 51-58.	2.6	62
26	Identification of Rab11 as a small GTPase binding protein for the Evi5 oncogene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 1236-1241.	3.3	60
27	The role and regulation of Rab40b/Tks5 complex during invadopodia formation and cancer cell invasion. <i>Journal of Cell Science</i> , 2016, 129, 4341-4353.	1.2	55
28	The post-abscission midbody is an intracellular signaling organelle that regulates cell proliferation. <i>Nature Communications</i> , 2019, 10, 3181.	5.8	53
29	Interaction between FIP5 and SNX18 regulates epithelial lumen formation. <i>Journal of Cell Biology</i> , 2011, 195, 71-86.	2.3	51
30	The postmitotic midbody: Regulating polarity, stemness, and proliferation. <i>Journal of Cell Biology</i> , 2019, 218, 3903-3911.	2.3	49
31	Lung fibroblasts accelerate wound closure in human alveolar epithelial cells through hepatocyte growth factor/c-Met signaling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L94-L105.	1.3	45
32	Rab11-FIP3 is a Rab11-binding protein that regulates breast cancer cell motility by modulating the actin cytoskeleton. <i>European Journal of Cell Biology</i> , 2009, 88, 325-341.	1.6	43
33	Insane in the apical membrane: Trafficking events mediating apicobasal epithelial polarity during tube morphogenesis. <i>Traffic</i> , 2018, 19, 666-678.	1.3	42
34	TRIM17 contributes to autophagy of midbodies while actively sparing other targets from degradation. <i>Journal of Cell Science</i> , 2016, 129, 3562-3573.	1.2	40
35	Mechanisms regulating targeting of recycling endosomes to the cleavage furrow during cytokinesis. <i>Biochemical Society Transactions</i> , 2008, 36, 391-394.	1.6	36
36	Identification of rare DNA sequence variants in high-risk autism families and their prevalence in a large case/control population. <i>Molecular Autism</i> , 2014, 5, 5.	2.6	36

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37	Kinesin-2 mediates apical endosome transport during epithelial lumen formation. <i>Cellular Logistics</i> , 2014, 4, e28928.	0.9	30
38	FYCO1 regulates accumulation of post-mitotic midbodies by mediating LC3-dependent midbody degradation. <i>Journal of Cell Science</i> , 2017, 130, 4051-4062.	1.2	24
39	RAB19 Directs Cortical Remodeling and Membrane Growth for Primary Ciliogenesis. <i>Developmental Cell</i> , 2021, 56, 325-340.e8.	3.1	21
40	Single-cell RNA analysis identifies pre-migratory neural crest cells expressing markers of differentiated derivatives. <i>ELife</i> , 2021, 10, .	2.8	20
41	Rab GTPases and cell division. <i>Small GTPases</i> , 2018, 9, 107-115.	0.7	17
42	The role of FIP3-dependent endosome transport during cytokinesis. <i>Communicative and Integrative Biology</i> , 2008, 1, 132-133.	0.6	14
43	The ARF GAP ELMOD2 acts with different GTPases to regulate centrosomal microtubule nucleation and cytokinesis. <i>Molecular Biology of the Cell</i> , 2020, 31, 2070-2091.	0.9	14
44	CLIC4 is a cytokinetic cleavage furrow protein that regulates cortical cytoskeleton stability during cell division. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	14
45	Rab11-FIP3 is a cell cycle-regulated phosphoprotein. <i>BMC Cell Biology</i> , 2012, 13, 4.	3.0	13
46	Novel Regulation of Integrin Trafficking by Rab11-FIP5 in Aggressive Prostate Cancer. <i>Molecular Cancer Research</i> , 2018, 16, 1319-1331.	1.5	13
47	Roles of the actin cytoskeleton in ciliogenesis. <i>Journal of Cell Science</i> , 2022, 135, .	1.2	13
48	Rab40â€™Cullin5 complex regulates EPLIN and actin cytoskeleton dynamics during cell migration. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	12
49	Ubiquitylation by Rab40b/Cul5 regulates Rap2 localization and activity during cell migration. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	11
50	Actin regulation during abscission: unexpected roles of Rab35 and endocytic transport. <i>Cell Research</i> , 2011, 21, 1283-1285.	5.7	10
51	Midbody: From the Regulator of Cytokinesis to Postmitotic Signaling Organelle. <i>Medicina (Lithuania)</i> , 2018, 54, 53.	0.8	9
52	New signaling kid on the block: the role of the postmitotic midbody in polarity, stemness, and proliferation. <i>Molecular Biology of the Cell</i> , 2022, 33, pe2.	0.9	9
53	The Art of â€™Cut and Runâ€™: The Role of Rab14 GTPase in Regulating N-Cadherin Shedding and Cell Motility. <i>Developmental Cell</i> , 2012, 22, 909-910.	3.1	7
54	ESCRT or Endosomes? Tales of the separation of two daughter Cells. <i>Communicative and Integrative Biology</i> , 2011, 4, 606-608.	0.6	6

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55	KIFC3 promotes mitotic progression and integrity of the central spindle in cytokinesis. <i>Cell Cycle</i> , 2014, 13, 426-433.	1.3	5
56	Methods to Study the Unique SOCS Box Domain of the Rab40 Small GTPase Subfamily. <i>Methods in Molecular Biology</i> , 2021, 2293, 163-179.	0.4	5
57	Rab40c regulates focal adhesions and PP6 activity by controlling ANKRD28 ubiquitylation. <i>Life Science Alliance</i> , 2022, 5, e202101346.	1.3	5
58	Analyzing the functions of Rab11-effector proteins during cell division. <i>Methods in Cell Biology</i> , 2015, 130, 19-34.	0.5	4
59	Rab14/MACF2 complex regulates endosomal targeting during cytokinesis. <i>Molecular Biology of the Cell</i> , 2021, 32, 554-566.	0.9	4
60	ESCRT or endosomes?: Tales of the separation of two daughter cells. <i>Communicative and Integrative Biology</i> , 2011, 4, 606-8.	0.6	4
61	Trisomy 21 increases microtubules and disrupts centriolar satellite localization. <i>Molecular Biology of the Cell</i> , 2022, 33, mbcE21100517T.	0.9	4
62	The Rab11 effectors Fip5 and Fip1 regulate zebrafish intestinal development. <i>Biology Open</i> , 2020, 9, .	0.6	3
63	Cut or NoCut: the role of JADE1S in regulating abscission checkpoint. <i>Cell Cycle</i> , 2015, 14, 3219-3219.	1.3	1
64	Polarized Membrane Trafficking in Development and Disease. , 2018, , 121-146.		1
65	Abstract B090: Collagen organization implicated in tumor dormancy. , 2013, , .		0
66	3D Time-Lapse Analysis of Rab11/FIP5 Complex: Spatiotemporal Dynamics During Apical Lumen Formation. <i>Methods in Molecular Biology</i> , 2015, 1298, 181-186.	0.4	0