

Rytis Prekeris

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

3,061

citations

31

h-index

55

g-index

73

ext. papers

3,564

ext. citations

6.8

avg, IF

5.24

L-index

#	Paper	IF	Citations
62	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	3.5	0
61	Trisomy 21 increases microtubules and disrupts centriolar satellite localization.. <i>Molecular Biology of the Cell</i> , 2022 , mbce21100517T	3.5	1
60	Rab14/MACF2 complex regulates endosomal targeting during cytokinesis. <i>Molecular Biology of the Cell</i> , 2021 , 32, 554-566	3.5	0
59	Rab40-Cullin5 complex regulates EPLIN and actin cytoskeleton dynamics during cell migration. <i>Journal of Cell Biology</i> , 2021 , 220,	7.3	3
58	Methods to Study the Unique SOCS Box Domain of the Rab40 Small GTPase Subfamily. <i>Methods in Molecular Biology</i> , 2021 , 2293, 163-179	1.4	0
57	RAB19 Directs Cortical Remodeling and Membrane Growth for Primary Ciliogenesis. <i>Developmental Cell</i> , 2021 , 56, 325-340.e8	10.2	5
56	Single-cell RNA analysis identifies pre-migratory neural crest cells expressing markers of differentiated derivatives. <i>ELife</i> , 2021 , 10,	8.9	3
55	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	3.5	6
54	The Rab11 effectors Fip5 and Fip1 regulate zebrafish intestinal development. <i>Biology Open</i> , 2020 , 9,	2.2	2
53	CLIC4 is a cytokinetic cleavage furrow protein that regulates cortical cytoskeleton stability during cell division. <i>Journal of Cell Science</i> , 2020 , 133,	5.3	10
52	The post-abscission midbody is an intracellular signaling organelle that regulates cell proliferation. <i>Nature Communications</i> , 2019 , 10, 3181	17.4	21
51	The postmitotic midbody: Regulating polarity, stemness, and proliferation. <i>Journal of Cell Biology</i> , 2019 , 218, 3903-3911	7.3	14
50	Rab GTPases and cell division. <i>Small GTPases</i> , 2018 , 9, 107-115	2.7	10
49	Polarized Membrane Trafficking in Development and Disease 2018 , 121-146		
48	Midbody: From the Regulator of Cytokinesis to Postmitotic Signaling Organelle. <i>Medicina (Lithuania)</i> , 2018 , 54,	3.1	3
47	Novel Regulation of Integrin Trafficking by Rab11-FIP5 in Aggressive Prostate Cancer. <i>Molecular Cancer Research</i> , 2018 , 16, 1319-1331	6.6	11
46	Insane in the apical membrane: Trafficking events mediating apicobasal epithelial polarity during tube morphogenesis. <i>Traffic</i> , 2018 , 19, 666	5.7	19

45	FYCO1 regulates accumulation of post-mitotic midbodies by mediating LC3-dependent midbody degradation. <i>Journal of Cell Science</i> , 2017 , 130, 4051-4062	5.3	9
44	TRIM17 contributes to autophagy of midbodies while actively sparing other targets from degradation. <i>Journal of Cell Science</i> , 2016 , 129, 3562-3573	5.3	27
43	Cingulin and actin mediate midbody-dependent apical lumen formation during polarization of epithelial cells. <i>Nature Communications</i> , 2016 , 7, 12426	17.4	49
42	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	5.3	39
41	Analyzing the functions of Rab11-effector proteins during cell division. <i>Methods in Cell Biology</i> , 2015 , 130, 19-34	1.8	3
40	The regulation of MMP targeting to invadopodia during cancer metastasis. <i>Frontiers in Cell and Developmental Biology</i> , 2015 , 3, 4	5.7	175
39	R-Ketorolac Targets Cdc42 and Rac1 and Alters Ovarian Cancer Cell Behaviors Critical for Invasion and Metastasis. <i>Molecular Cancer Therapeutics</i> , 2015 , 14, 2215-27	6.1	60
38	Cut or NoCut: the role of JADE1S in regulating abscission checkpoint. <i>Cell Cycle</i> , 2015 , 14, 3219	4.7	1
37	Polarized protein transport and lumen formation during epithelial tissue morphogenesis. <i>Annual Review of Cell and Developmental Biology</i> , 2015 , 31, 575-91	12.6	45
36	Slitrk5 Mediates BDNF-Dependent TrkB Receptor Trafficking and Signaling. <i>Developmental Cell</i> , 2015 , 33, 690-702	10.2	53
35	Midbody: from cellular junk to regulator of cell polarity and cell fate. <i>Current Opinion in Cell Biology</i> , 2015 , 35, 51-8	9	46
34	3D time-lapse analysis of Rab11/FIP5 complex: spatiotemporal dynamics during apical lumen formation. <i>Methods in Molecular Biology</i> , 2015 , 1298, 181-6	1.4	
33	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	6.5	28
32	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, L94-105	5.8	35
31	KIFC3 promotes mitotic progression and integrity of the central spindle in cytokinesis. <i>Cell Cycle</i> , 2014 , 13, 426-33	4.7	4
30	Kinesin-2 mediates apical endosome transport during epithelial lumen formation. <i>Cellular Logistics</i> , 2014 , 4, e28928		25
29	FIP5 phosphorylation during mitosis regulates apical trafficking and lumenogenesis. <i>EMBO Reports</i> , 2014 , 15, 428-37	6.5	58
28	Rab40b regulates trafficking of MMP2 and MMP9 during invadopodia formation and invasion of breast cancer cells. <i>Journal of Cell Science</i> , 2013 , 126, 4647-58	5.3	96

27	Membrane dynamics during cytokinesis. <i>Current Opinion in Cell Biology</i> , 2013 , 25, 92-8	9	50
26	Endocytic transport and cytokinesis: from regulation of the cytoskeleton to midbody inheritance. <i>Trends in Cell Biology</i> , 2013 , 23, 319-27	18.3	50
25	Rab11-FIP3 is a cell cycle-regulated phosphoprotein. <i>BMC Cell Biology</i> , 2012 , 13, 4		10
24	FIP3-endosome-dependent formation of the secondary ingression mediates ESCRT-III recruitment during cytokinesis. <i>Nature Cell Biology</i> , 2012 , 14, 1068-78	23.4	103
23	The art of "cut and run": the role of Rab14 GTPase in regulating N-cadherin shedding and cell motility. <i>Developmental Cell</i> , 2012 , 22, 909-10	10.2	4
22	Interaction between FIP5 and SNX18 regulates epithelial lumen formation. <i>Journal of Cell Biology</i> , 2011 , 195, 71-86	7.3	40
21	Endocytic membrane fusion and buckling-induced microtubule severing mediate cell abscission. <i>Journal of Cell Science</i> , 2011 , 124, 1411-24	5.3	84
20	ESCRT or Endosomes? Tales of the separation of two daughter Cells. <i>Communicative and Integrative Biology</i> , 2011 , 4, 606-608	1.7	5
19	Actin regulation during abscission: unexpected roles of Rab35 and endocytic transport. <i>Cell Research</i> , 2011 , 21, 1283-5	24.7	7
18	Functional characterization of mutations in the myosin Vb gene associated with microvillus inclusion disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2011 , 52, 307-13	2.8	53
17	ESCRT or endosomes?: Tales of the separation of two daughter cells. <i>Communicative and Integrative Biology</i> , 2011 , 4, 606-8	1.7	4
16	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, 325-41	6.1	40
15	Sequential Cyk-4 binding to ECT2 and FIP3 regulates cleavage furrow ingression and abscission during cytokinesis. <i>EMBO Journal</i> , 2008 , 27, 1791-803	13	74
14	Breaking up is hard to do - membrane traffic in cytokinesis. <i>Journal of Cell Science</i> , 2008 , 121, 1569-76	5.3	83
13	The role of FIP3-dependent endosome transport during cytokinesis. <i>Communicative and Integrative Biology</i> , 2008 , 1, 132-3	1.7	11
12	The Rip11/Rab11-FIP5 and kinesin II complex regulates endocytic protein recycling. <i>Journal of Cell Science</i> , 2008 , 121, 3824-33	5.3	125
11	Mechanisms regulating targeting of recycling endosomes to the cleavage furrow during cytokinesis. <i>Biochemical Society Transactions</i> , 2008 , 36, 391-4	5.1	33
10	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, 1236-41	11.5	58

9	Rab11-FIP3 and FIP4 interact with Arf6 and the exocyst to control membrane traffic in cytokinesis. <i>EMBO Journal</i> , 2005 , 24, 3389-99	13	252
8	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, 849-60	3.5	251
7	Molecular characterization of Rab11 interactions with members of the family of Rab11-interacting proteins. <i>Journal of Biological Chemistry</i> , 2004 , 279, 33430-7	5.4	80
6	The RCP-Rab11 complex regulates endocytic protein sorting. <i>Molecular Biology of the Cell</i> , 2004 , 15, 3530-41	9.5	70
5	Rabs, Rips, FIPs, and endocytic membrane traffic. <i>Scientific World Journal, The</i> , 2003 , 3, 870-80	2.2	68
4	Arfophilins are dual Arf/Rab 11 binding proteins that regulate recycling endosome distribution and are related to Drosophila nuclear fallout. <i>Molecular Biology of the Cell</i> , 2003 , 14, 2908-20	3.5	125
3	Identification of a novel Rab11/25 binding domain present in Eferin and Rip proteins. <i>Journal of Biological Chemistry</i> , 2001 , 276, 38966-70	5.4	91
2	A Rab11/Rip11 protein complex regulates apical membrane trafficking via recycling endosomes. <i>Molecular Cell</i> , 2000 , 6, 1437-48	17.6	188
1	Syntaxin 13 mediates cycling of plasma membrane proteins via tubulovesicular recycling endosomes. <i>Journal of Cell Biology</i> , 1998 , 143, 957-71	7.3	241