

# Catherine Rabouille

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

4,621  
citations

147801

31  
h-index

128289

60  
g-index

83  
all docs

83  
docs citations

83  
times ranked

5771  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of regulated unconventional protein secretion. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 148-155.	37.0	591
2	Pathways of Unconventional Protein Secretion. <i>Trends in Cell Biology</i> , 2017, 27, 230-240.	7.9	428
3	The Vesicle Docking Protein p115 Binds GM130, a cis-Golgi Matrix Protein, in a Mitotically Regulated Manner. <i>Cell</i> , 1997, 89, 445-455.	28.9	384
4	Golgi Bypass: Skirting Around the Heart of Classical Secretion. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011, 3, a005298-a005298.	5.5	268
5	Diversity in unconventional protein secretion. <i>Journal of Cell Science</i> , 2012, 125, 5251-5255.	2.0	229
6	dGRASP-Mediated Noncanonical Integrin Secretion Is Required for Drosophila Epithelial Remodeling. <i>Developmental Cell</i> , 2008, 14, 171-182.	7.0	148
7	Signalling to and from the secretory pathway. <i>Journal of Cell Science</i> , 2011, 124, 171-180.	2.0	133
8	GRASP: A Multitasking Tether. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 1.	3.7	128
9	The maturing role of COPI vesicles in intra-Golgi transport. <i>Nature Reviews Molecular Cell Biology</i> , 2005, 6, 812-817.	37.0	122
10	A novel role for dp115 in the organization of tER sites in Drosophila. <i>Journal of Cell Biology</i> , 2003, 162, 185-198.	5.2	121
11	<i>Drosophila</i> Sec16 Mediates the Biogenesis of tER Sites Upstream of Sar1 through an Arginine-Rich Motif. <i>Molecular Biology of the Cell</i> , 2008, 19, 4352-4365.	2.1	116
12	Drosophila patterning is established by differential association of mRNAs with P bodies. <i>Nature Cell Biology</i> , 2012, 14, 1305-1313.	10.3	115
13	Unconventional secretion: a stress on GRASP. <i>Current Opinion in Cell Biology</i> , 2011, 23, 498-504.	5.4	107
14	Drosophila Squid/hnRNP Helps Dynein Switch from a gurken mRNA Transport Motor to an Ultrastructural Static Anchor in Sponge Bodies. <i>Developmental Cell</i> , 2007, 13, 523-538.	7.0	106
15	ERK7 is a negative regulator of protein secretion in response to amino-acid starvation by modulating Sec16 membrane association. <i>EMBO Journal</i> , 2011, 30, 3684-3700.	7.8	100
16	Cell adaptation upon stress: the emerging role of membrane-less compartments. <i>Current Opinion in Cell Biology</i> , 2017, 47, 34-42.	5.4	100
17	dGRASP Localization and Function in the Early Exocytic Pathway in Drosophila S2 Cells. <i>Molecular Biology of the Cell</i> , 2005, 16, 4061-4072.	2.1	87
18	The multiple facets of the Golgi reassembly stacking proteins. <i>Biochemical Journal</i> , 2011, 433, 423-433.	3.7	85

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19	mRNA Localization and ER-based Protein Sorting Mechanisms Dictate the Use of Transitional Endoplasmic Reticulum-Golgi Units Involved in Gurken Transport in <i>Drosophila</i> Oocytes. <i>Molecular Biology of the Cell</i> , 2004, 15, 5306-5317.	2.1	84
20	The Golgi Comprises a Paired Stack that Is Separated at G2 by Modulation of the Actin Cytoskeleton through Abi and Scar/WAVE. <i>Developmental Cell</i> , 2007, 12, 901-915.	7.0	76
21	Cellular stress leads to the formation of membraneless stress assemblies in eukaryotic cells. <i>Traffic</i> , 2019, 20, 623-638.	2.7	75
22	A stress assembly that confers cell viability by preserving ERES components during amino-acid starvation. <i>ELife</i> , 2014, 3, .	6.0	71
23	Extracellular cleavage of E-cadherin promotes epithelial cell extrusion. <i>Journal of Cell Science</i> , 2014, 127, 3331-46.	2.0	69
24	Golgi Fragmentation in ALS Motor Neurons. New Mechanisms Targeting Microtubules, Tethers, and Transport Vesicles. <i>Frontiers in Neuroscience</i> , 2015, 9, 448.	2.8	60
25	Golgi Ribbon Unlinking: An Organelle-Based G2/M Checkpoint. <i>Cell Cycle</i> , 2007, 6, 2723-2729.	2.6	56
26	SEC16 in COPII coat dynamics at ER exit sites. <i>Biochemical Society Transactions</i> , 2015, 43, 97-103.	3.4	51
27	In vivo visualization of mono-ADP-ribosylation by dPARP16 upon amino-acid starvation. <i>ELife</i> , 2016, 5, .	6.0	44
28	Membrane-bound organelles versus membrane-less compartments and their control of anabolic pathways in <i>Drosophila</i> . <i>Developmental Biology</i> , 2017, 428, 310-317.	2.0	43
29	Localized Translation of <i>gurken/TGF-<math>\beta</math></i> mRNA during Axis Specification Is Controlled by Access to Orb/CPEB on Processing Bodies. <i>Cell Reports</i> , 2016, 14, 2451-2462.	6.4	39
30	GRASP65 controls the cis Golgi integrity in vivo. <i>Biology Open</i> , 2014, 3, 431-443.	1.2	38
31	Golgi fragmentation in pmn mice is due to a defective ARF1/TBCE cross-talk that coordinates COPI vesicle formation and tubulin polymerization. <i>Human Molecular Genetics</i> , 2014, 23, 5961-5975.	2.9	37
32	TMEM59 potentiates Wnt signaling by promoting signalosome formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3996-E4005.	7.1	36
33	Identification of ER Proteins Involved in the Functional Organisation of the Early Secretory Pathway in <i>Drosophila</i> Cells by a Targeted RNAi Screen. <i>PLoS ONE</i> , 2011, 6, e17173.	2.5	34
34	Editorial: Golgi Pathology in Neurodegenerative Diseases. <i>Frontiers in Neuroscience</i> , 2015, 9, 489.	2.8	33
35	TORC2 mediates the heat stress response in <i>Drosophila</i> by promoting the formation of stress granules. <i>Journal of Cell Science</i> , 2015, 128, 2497-508.	2.0	32
36	Stathmin 1/2-triggered microtubule loss mediates Golgi fragmentation in mutant SOD1 motor neurons. <i>Molecular Neurodegeneration</i> , 2016, 11, 43.	10.8	31

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37	Integrins mediate their unconventional, mechanical-stress-induced secretion via RhoA and PINCH in <i>Drosophila</i> . <i>Journal of Cell Science</i> , 2009, 122, 2662-2672.	2.0	30
38	Innexin 3, a New Gene Required for Dorsal Closure in <i>Drosophila</i> Embryo. <i>PLoS ONE</i> , 2013, 8, e69212.	2.5	28
39	Phospho-Rasputin Stabilization by Sec16 Is Required for Stress Granule Formation upon Amino Acid Starvation. <i>Cell Reports</i> , 2017, 20, 935-948.	6.4	27
40	Golgi apparatus partitioning during cell division (Review). <i>Molecular Membrane Biology</i> , 2003, 20, 117-127.	2.0	24
41	ISH <sup>+</sup> IEM: a sensitive method to detect endogenous mRNAs at the ultrastructural level. <i>Nature Protocols</i> , 2010, 5, 678-687.	12.0	24
42	Modulation of the secretory pathway by amino-acid starvation. <i>Journal of Cell Biology</i> , 2018, 217, 2261-2271.	5.2	23
43	The function of GORASPs in Golgi apparatus organization in vivo. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	22
44	Innexin7a forms junctions that stabilize the basal membrane during cellularization of the blastoderm in <i>Tribolium castaneum</i> . <i>Development (Cambridge)</i> , 2015, 142, 2173-2183.	2.5	20
45	Unconventional protein secretion: Diversity and consensus. <i>Seminars in Cell and Developmental Biology</i> , 2018, 83, 1-2.	5.0	20
46	Membrane-Bound Meet Membraneless in Health and Disease. <i>Cells</i> , 2019, 8, 1000.	4.1	19
47	Loss of a Clueless-dGRASP complex results in ER stress and blocks Integrin exit from the perinuclear endoplasmic reticulum in <i>Drosophila</i> larval muscle. <i>Biology Open</i> , 2015, 4, 636-648.	1.2	16
48	The <i>Drosophila</i> RNA-binding protein HOW controls the stability of dgrasp mRNA in the follicular epithelium. <i>Nucleic Acids Research</i> , 2014, 42, 1970-1986.	14.5	15
49	Trafficking Along the Secretory Pathway in <i>Drosophila</i> Cell Line and Tissues. <i>Methods in Cell Biology</i> , 2013, 118, 35-49.	1.1	10
50	Old dog, new tricks: Arf1 required for mitochondria homeostasis. <i>EMBO Journal</i> , 2014, 33, 2604-2605.	7.8	9
51	TANGOing along the protein secretion pathway. <i>Genome Biology</i> , 2006, 7, 213.	9.6	7
52	COPII vesicles and the expansion of the phagophore. <i>ELife</i> , 2019, 8, .	6.0	7
53	KRS: A cut away from release in exosomes. <i>Journal of Cell Biology</i> , 2017, 216, 1891-1893.	5.2	6
54	Retriever fetches integrins from endosomes. <i>Nature Cell Biology</i> , 2017, 19, 1144-1146.	10.3	6

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55	Vps13 is required for timely removal of nurse cell corpses. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	6
56	Activation of IRE1, PERK and salt-inducible kinases leads to Sec body formation in <i>Drosophila</i> S2 cells. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	6
57	Identification of the stress granule transcriptome via RNA-editing in single cells and in vivo. <i>Cell Reports Methods</i> , 2022, 2, 100235.	2.9	5
58	Hherosomes, Hedgehog specialized recycling endosomes, are required for high level Hedgehog signaling and tissue growth. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	4
59	Membraneless organelles in cell biology. <i>Traffic</i> , 2019, 20, 885-886.	2.7	3
60	On the shoulders of Hubrecht: From embryos to stem cells. <i>Developmental Biology</i> , 2017, 428, 264-272.	2.0	1
61	Editorial overview: Cell organelles. <i>Current Opinion in Cell Biology</i> , 2017, 47, iv-vi.	5.4	0
62	Detection of mRNA and Associated Molecules by ISH-HEM on Frozen Sections. <i>Methods in Molecular Biology</i> , 2018, 1649, 177-186.	0.9	0
63	The Upper Hand of the Otu Amyloid Fibers: Increasing Enzymatic Activity and Prolonging Lifespan. <i>Molecular Cell</i> , 2019, 74, 225-226.	9.7	0