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List of Publications by Year in descending order

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66
papers

2,806
citations

147801

31
h-index

182427

51
g-index

70
all docs

70
docs citations

70
times ranked

4000
citing authors

#	ARTICLE	IF	CITATIONS
1	STUB1/CHIP is required for HIF1A degradation by chaperone-mediated autophagy. <i>Autophagy</i> , 2013, 9, 1349-1366.	9.1	159
2	Functional redundancy of Rab27 proteins and the pathogenesis of Griscelli syndrome. <i>Journal of Clinical Investigation</i> , 2002, 110, 247-257.	8.2	141
3	Membrane Targeting of Rab GTPases Is Influenced by the Prenylation Motif. <i>Molecular Biology of the Cell</i> , 2003, 14, 1882-1899.	2.1	137
4	The MHC class Ib protein ULBP1 is a nonredundant determinant of leukemia/lymphoma susceptibility to $\beta\gamma$ T-cell cytotoxicity. <i>Blood</i> , 2010, 115, 2407-2411.	1.4	117
5	Independent degeneration of photoreceptors and retinal pigment epithelium in conditional knockout mouse models of choroideremia. <i>Journal of Clinical Investigation</i> , 2006, 116, 386-394.	8.2	116
6	The Chaperone-Dependent Ubiquitin Ligase CHIP Targets HIF-1 α for Degradation in the Presence of Methylglyoxal. <i>PLoS ONE</i> , 2010, 5, e15062.	2.5	106
7	The Role of Rab27a in the Regulation of Melanosome Distribution within Retinal Pigment Epithelial Cells. <i>Molecular Biology of the Cell</i> , 2004, 15, 2264-2275.	2.1	97
8	Rab11b Mediates Melanin Transfer between Donor Melanocytes and Acceptor Keratinocytes via Coupled Exo/Endocytosis. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1056-1066.	0.7	97
9	A Rab3a-dependent complex essential for lysosome positioning and plasma membrane repair. <i>Journal of Cell Biology</i> , 2016, 213, 631-640.	5.2	85
10	A Coiled-Coil Domain of Melanophilin Is Essential for Myosin Va Recruitment and Melanosome Transport in Melanocytes. <i>Molecular Biology of the Cell</i> , 2006, 17, 4720-4735.	2.1	83
11	The Ternary Rab27a-Myrip-Myosin VIIa Complex Regulates Melanosome Motility in the Retinal Pigment Epithelium. <i>Traffic</i> , 2007, 8, 486-499.	2.7	81
12	The small GTPase Rab11 co-localizes with α -synuclein in intracellular inclusions and modulates its aggregation, secretion and toxicity. <i>Human Molecular Genetics</i> , 2014, 23, 6732-6745.	2.9	73
13	Functional redundancy of Rab27 proteins and the pathogenesis of Griscelli syndrome. <i>Journal of Clinical Investigation</i> , 2002, 110, 247-257.	8.2	72
14	LAMP2A regulates the loading of proteins into exosomes. <i>Science Advances</i> , 2022, 8, eabm1140.	10.3	69
15	shRNA-Based Screen Identifies Endocytic Recycling Pathway Components That Act as Genetic Modifiers of Alpha-Synuclein Aggregation, Secretion and Toxicity. <i>PLoS Genetics</i> , 2016, 12, e1005995.	3.5	68
16	Cholesterol Oxides Accumulate in Human Cataracts. <i>Experimental Eye Research</i> , 1998, 66, 645-652.	2.6	61
17	Challenges in Antibody Development against Tn and Sialyl-Tn Antigens. <i>Biomolecules</i> , 2015, 5, 1783-1809.	4.0	60
18	Host cell autophagy contributes to <i>Plasmodium</i> liver development. <i>Cellular Microbiology</i> , 2016, 18, 437-450.	2.1	60

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19	The Host Endocytic Pathway is Essential for <i>Plasmodium berghei</i> Late Liver Stage Development. <i>Traffic</i> , 2012, 13, 1351-1363.	2.7	55
20	Myosin-Va and Dynamic Actin Oppose Microtubules to Drive Long-Range Organelle Transport. <i>Current Biology</i> , 2014, 24, 1743-1750.	3.9	55
21	Rab3GEP Is the Non-redundant Guanine Nucleotide Exchange Factor for Rab27a in Melanocytes. <i>Journal of Biological Chemistry</i> , 2008, 283, 23209-23216.	3.4	54
22	Arl13b regulates endocytic recycling traffic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21354-21359.	7.1	53
23	Melanin Transferred to Keratinocytes Resides in Nondegradative Endocytic Compartments. <i>Journal of Investigative Dermatology</i> , 2018, 138, 637-646.	0.7	51
24	Inhibition of fucosylation in human invasive ductal carcinoma reduces E-selectin ligand expression, cell proliferation, and ERK1/2 and p38 MAPK activation. <i>Molecular Oncology</i> , 2018, 12, 579-593.	4.6	50
25	Spectrophotometric analysis of sodium fluorescein aqueous solutions. Determination of molar absorption coefficient. <i>International Ophthalmology</i> , 1991, 15, 321-326.	1.4	49
26	Ubiquitin-mediated internalization of connexin43 is independent of the canonical endocytic tyrosine-sorting signal. <i>Biochemical Journal</i> , 2011, 437, 255-267.	3.7	49
27	Toward a siRNA-containing nanoparticle targeted to breast cancer cells and the tumor microenvironment. <i>International Journal of Pharmaceutics</i> , 2012, 434, 9-19.	5.2	45
28	Influenza A virus ribonucleoproteins modulate host recycling by competing with Rab11 effectors. <i>Journal of Cell Science</i> , 2016, 129, 1697-710.	2.0	42
29	Chromosomal mapping, gene structure and characterization of the human and murine RAB27B gene. <i>BMC Genetics</i> , 2001, 2, 2.	2.7	41
30	Cloning, mapping and characterization of the human RAB27A gene. <i>Gene</i> , 1999, 239, 109-116.	2.2	39
31	Rab35 controls cilium length, function and membrane composition. <i>EMBO Reports</i> , 2019, 20, e47625.	4.5	35
32	Functional and molecular characterization of cancer stem-like cells in bladder cancer: a potential signature for muscle-invasive tumors. <i>Oncotarget</i> , 2015, 6, 36185-36201.	1.8	34
33	Arl13b and the non-muscle myosin heavy chain IIA are required for circular dorsal ruffle formation and cell migration. <i>Journal of Cell Science</i> , 2014, 127, 2709-22.	2.0	33
34	The role of galectin-1 in <i>in vitro</i> and <i>in vivo</i> photodynamic therapy with a galactodendritic porphyrin. <i>European Journal of Cancer</i> , 2016, 68, 60-69.	2.8	32
35	Exophilin8 transiently clusters insulin granules at the actin-rich cell cortex prior to exocytosis. <i>Molecular Biology of the Cell</i> , 2011, 22, 1716-1726.	2.1	29
36	Impact of anti-PLK1 siRNA-containing F3-targeted liposomes on the viability of both cancer and endothelial cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 356-364.	4.3	27

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37	Rab27a Targeting to Melanosomes Requires Nucleotide Exchange but Not Effector Binding. <i>Traffic</i> , 2011, 12, 1056-1066.	2.7	24
38	Myrip uses distinct domains in the cellular activation of myosin VA and myosin VIIA in melanosome transport. <i>Pigment Cell and Melanoma Research</i> , 2009, 22, 461-473.	3.3	23
39	Efficient intracellular delivery of siRNA with a safe multitargeted lipid-based nanoplatform. <i>Nanomedicine</i> , 2013, 8, 1397-1413.	3.3	23
40	Rab11 is required for lysosome exocytosis through the interaction with Rab3a, Sec15 and GRAB. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	23
41	Rapid degradation of dominant-negative Rab27 proteins in vivo precludes their use in transgenic mouse models. <i>BMC Cell Biology</i> , 2002, 3, 26.	3.0	21
42	Host PI(3,5)P ₂ Activity Is Required for <i>Plasmodium berghei</i> Growth During Liver Stage Infection. <i>Traffic</i> , 2014, 15, 1066-1082.	2.7	21
43	Functional redundancy of Rab27 proteins and the pathogenesis of Griscelli syndrome. <i>Journal of Clinical Investigation</i> , 2002, 110, 247-257.	8.2	19
44	Bacteria and Protozoa Differentially Modulate the Expression of Rab Proteins. <i>PLoS ONE</i> , 2012, 7, e39858.	2.5	17
45	Protein glycation and in vivo distribution of human lens fluorescence. <i>International Ophthalmology</i> , 1995, 18, 187-193.	1.4	15
46	Cholesterol oxides mediated changes in cytoskeletal organisation involves Rho GTPases. <i>Experimental Cell Research</i> , 2003, 291, 502-513.	2.6	15
47	<i>Xenopus</i> Pkdcc1 and Pkdcc2 Are Two New Tyrosine Kinases Involved in the Regulation of JNK Dependent Wnt/PCP Signaling Pathway. <i>PLoS ONE</i> , 2015, 10, e0135504.	2.5	14
48	Exosomes and STUB1/CHIP cooperate to maintain intracellular proteostasis. <i>PLoS ONE</i> , 2019, 14, e0223790.	2.5	14
49	The adaptor protein melanophilin regulates dynamic myosin-Va: cargo interaction and dendrite development in melanocytes. <i>Molecular Biology of the Cell</i> , 2019, 30, 742-752.	2.1	13
50	Deficiency in kinesin-1 recruitment to melanosomes precludes it from facilitating their centrifugal transport. <i>Journal of Cell Science</i> , 2017, 130, 2056-2065.	2.0	12
51	Rab27a GTPase modulates L-type Ca ²⁺ channel function via interaction with the II ^{III} linker of Ca V 1.3 subunit. <i>Cellular Signalling</i> , 2015, 27, 2231-2240.	3.6	10
52	Melanocore uptake by keratinocytes occurs through phagocytosis and involves protease-activated receptor-2 internalization. <i>Traffic</i> , 2022, 23, 331-345.	2.7	10
53	Bendazac decreases in vitro glycation of human lens crystallins. <i>Documenta Ophthalmologica</i> , 1995, 90, 395-404.	2.2	9
54	Arl13b Regulates Breast Cancer Cell Migration and Invasion by Controlling Integrin-Mediated Signaling. <i>Cancers</i> , 2019, 11, 1461.	3.7	9

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55	An experimental model for the evaluation of lipid peroxidation in lens membranes. <i>Current Eye Research</i> , 1996, 15, 395-402.	1.5	8
56	Impact of PLK-1 Silencing on Endothelial Cells and Cancer Cells of Diverse Histological Origin. <i>Current Gene Therapy</i> , 2013, 13, 189-201.	2.0	7
57	BD-2 and BD-3 increase skin flap survival in a model of ischemia and <i>Pseudomonas aeruginosa</i> infection. <i>Scientific Reports</i> , 2019, 9, 7854.	3.3	6
58	Modelling the impact of nucleolin expression level on the activity of F3 peptide-targeted pH-sensitive pegylated liposomes containing doxorubicin. <i>Drug Delivery and Translational Research</i> , 2022, 12, 629-646.	5.8	6
59	Carbon Monoxide-Neuroglobin Axis Targeting Metabolism Against Inflammation in BV-2 Microglial Cells. <i>Molecular Neurobiology</i> , 2022, 59, 916-931.	4.0	6
60	Age-Related Changes in Normal and Cataractous Human Lens Crystallins, Separated by Fast-Performance Liquid Chromatography. <i>Ophthalmic Research</i> , 1994, 26, 149-157.	1.9	5
61	Monitoring in vivo lens changes. <i>Documenta Ophthalmologica</i> , 1992, 82, 287-296.	2.2	4
62	A Technical Approach to the Evaluation of Glucose Oxidation: Implications for Diabetic Cataract. <i>Ophthalmic Research</i> , 1996, 28, 275-283.	1.9	3
63	Mouse genetic corneal disease resulting from transgenic insertional mutagenesis. <i>British Journal of Ophthalmology</i> , 2004, 88, 428-432.	3.9	3
64	Loss of <i>Ccbe1</i> affects cardiac-specification and cardiomyocyte differentiation in mouse embryonic stem cells. <i>PLoS ONE</i> , 2018, 13, e0205108.	2.5	3
65	RAB3A REGULATES MELANIN EXOCYTOSIS AND TRANSFER INDUCED BY KERATINOCYTE-CONDITIONED MEDIUM. <i>JID Innovations</i> , 2022, , 100139.	2.4	2
66	Functional redundancy of Rab27 proteins and the pathogenesis of Griscelli syndrome. <i>Journal of Clinical Investigation</i> , 2002, 110, 1213-1213.	8.2	0