

# Jennifer L Stow

## List of Publications by Year in descending order

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150  
papers

10,714  
citations

22153

59  
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33894

99  
g-index

154  
all docs

154  
docs citations

154  
times ranked

13607  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recycling of E-Cadherin. <i>Journal of Cell Biology</i> , 1999, 146, 219-232.	5.2	489
2	The Macrophage-Inducible C-Type Lectin, Mincle, Is an Essential Component of the Innate Immune Response to <i>Candida albicans</i> . <i>Journal of Immunology</i> , 2008, 180, 7404-7413.	0.8	393
3	Rab11 in Recycling Endosomes Regulates the Sorting and Basolateral Transport of E-Cadherin. <i>Molecular Biology of the Cell</i> , 2005, 16, 1744-1755.	2.1	345
4	The ins and outs of E-cadherin trafficking. <i>Trends in Cell Biology</i> , 2004, 14, 427-434.	7.9	323
5	A heterotrimeric G protein, G alpha i-3, on Golgi membranes regulates the secretion of a heparan sulfate proteoglycan in LLC-PK1 epithelial cells. <i>Journal of Cell Biology</i> , 1991, 114, 1113-1124.	5.2	321
6	Cytokine release from innate immune cells: association with diverse membrane trafficking pathways. <i>Blood</i> , 2011, 118, 9-18.	1.4	296
7	A Role for the Phagosome in Cytokine Secretion. <i>Science</i> , 2005, 310, 1492-1495.	12.6	291
8	Interleukin-1 $\beta$ Maturation Triggers Its Relocation to the Plasma Membrane for Gasdermin-D-Dependent and -Independent Secretion. <i>Cell Reports</i> , 2018, 24, 1425-1433.	6.4	215
9	SNAREing immunity: the role of SNAREs in the immune system. <i>Nature Reviews Immunology</i> , 2006, 6, 919-929.	22.7	211
10	Dependence on pH of polarized sorting of secreted proteins. <i>Nature</i> , 1987, 329, 632-635.	27.8	199
11	Protein trafficking and polarity in kidney epithelium: from cell biology to physiology. <i>Physiological Reviews</i> , 1996, 76, 245-297.	28.8	184
12	Cytokine secretion in macrophages and other cells: Pathways and mediators. <i>Immunobiology</i> , 2009, 214, 601-612.	1.9	177
13	EGF induces macropinocytosis and SNX1-modulated recycling of E-cadherin. <i>Journal of Cell Science</i> , 2007, 120, 1818-1828.	2.0	174
14	Subcompartments of the macrophage recycling endosome direct the differential secretion of IL-6 and TNF $\alpha$ . <i>Journal of Cell Biology</i> , 2007, 178, 57-69.	5.2	171
15	Characterization of E-cadherin Endocytosis in Isolated MCF-7 and Chinese Hamster Ovary Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 21050-21057.	3.4	166
16	Receptor function, dominant negative activity and phenotype correlations for MC1R variant alleles. <i>Human Molecular Genetics</i> , 2007, 16, 2249-2260.	2.9	164
17	Altered cell surface expression of human MC1R variant receptor alleles associated with red hair and skin cancer risk. <i>Human Molecular Genetics</i> , 2005, 14, 2145-2154.	2.9	156
18	A Dileucine Motif Targets E-cadherin to the Basolateral Cell Surface in Madin-Darby Canine Kidney and LLC-PK1 Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 22565-22572.	3.4	155

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19	Syntaxin 6 and Vti1b Form a Novel SNARE Complex, Which Is Up-regulated in Activated Macrophages to Facilitate Exocytosis of Tumor Necrosis Factor- $\alpha$ . <i>Journal of Biological Chemistry</i> , 2005, 280, 10478-10483.	3.4	140
20	Cytokine Secretion in Macrophages: SNAREs, Rabs, and Membrane Trafficking. <i>Frontiers in Immunology</i> , 2014, 5, 538.	4.8	139
21	Regulation of Endocytosis, Nuclear Translocation, and Signaling of Fibroblast Growth Factor Receptor 1 by E-Cadherin. <i>Molecular Biology of the Cell</i> , 2005, 16, 14-23.	2.1	132
22	The trans-Golgi Network Golgin, GCC185, is Required for Endosome-to-Golgi Transport and Maintenance of Golgi Structure. <i>Traffic</i> , 2007, 8, 758-773.	2.7	129
23	Active Rab11 and functional recycling endosome are required for E-cadherin trafficking and lumen formation during epithelial morphogenesis. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 295, C545-C556.	4.6	127
24	Membrane localization of the pertussis toxin-sensitive G-protein subunits alpha i-2 and alpha i-3 and expression of a metallothionein-alpha i-2 fusion gene in LLC-PK1 cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 4635-4639.	7.1	120
25	Nuclear Translocation of Cell-Surface Receptors: Lessons from Fibroblast Growth Factor. <i>Traffic</i> , 2005, 6, 947-953.	2.7	117
26	Ciliopathies and the Kidney: A Review. <i>American Journal of Kidney Diseases</i> , 2021, 77, 410-419.	1.9	116
27	Mechanisms of unconventional secretion of IL-1 family cytokines. <i>Cytokine</i> , 2015, 74, 213-218.	3.2	113
28	Cytokine Secretion Is Distinct from Secretion of Cytotoxic Granules in NK Cells. <i>Journal of Immunology</i> , 2010, 184, 4852-4862.	0.8	112
29	The t-SNARE Syntaxin 4 Is Regulated during Macrophage Activation to Function in Membrane Traffic and Cytokine Secretion. <i>Current Biology</i> , 2003, 13, 156-160.	3.9	109
30	Rab8a interacts directly with PI3K $\beta$ to modulate TLR4-driven PI3K and mTOR signalling. <i>Nature Communications</i> , 2014, 5, 4407.	12.8	109
31	Protein kinase C regulates endocytosis and recycling of E-cadherin. <i>American Journal of Physiology - Cell Physiology</i> , 2002, 283, C489-C499.	4.6	108
32	GRIP Domain-mediated Targeting of Two New Coiled-coil Proteins, GCC88 and GCC185, to Subcompartments of the trans-Golgi Network. <i>Journal of Biological Chemistry</i> , 2003, 278, 4216-4226.	3.4	108
33	E-Cadherin Transport from the trans-Golgi Network in Tubulovesicular Carriers is Selectively Regulated by Golgin-97. <i>Traffic</i> , 2005, 6, 1142-1156.	2.7	108
34	Specific Isoforms of Actin-binding Proteins on Distinct Populations of Golgi-derived Vesicles. <i>Journal of Biological Chemistry</i> , 1999, 274, 10743-10750.	3.4	106
35	Entry of cholera toxin into polarized human intestinal epithelial cells. Identification of an early brefeldin A sensitive event required for A1-peptide generation.. <i>Journal of Clinical Investigation</i> , 1993, 92, 2941-2951.	8.2	104
36	The Role of Melanocortin-1 Receptor Polymorphism in Skin Cancer Risk Phenotypes. <i>Pigment Cell &amp; Melanoma Research</i> , 2003, 16, 266-272.	3.6	102

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37	Intracellular trafficking and secretion of inflammatory cytokines. <i>Cytokine and Growth Factor Reviews</i> , 2013, 24, 227-239.	7.2	102
38	Localization and Post-Golgi Trafficking of Tumor Necrosis Factor-alpha in Macrophages. <i>Journal of Interferon and Cytokine Research</i> , 2000, 20, 427-438.	1.2	101
39	Fluid-Phase Markers in the Basolateral Endocytic Pathway Accumulate in Response to the Actin Assembly-promoting Drug Jasplakinolide. <i>Molecular Biology of the Cell</i> , 1998, 9, 957-975.	2.1	99
40	Cytokine Secretion via Cholesterol-rich Lipid Raft-associated SNAREs at the Phagocytic Cup. <i>Journal of Biological Chemistry</i> , 2006, 281, 11949-11954.	3.4	99
41	Domains of the TGN: Coats, Tethers and G Proteins. <i>Traffic</i> , 2004, 5, 315-326.	2.7	98
42	The cyclic cystine knot miniprotein MCoTI-II is internalized into cells by macropinocytosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 2252-2264.	2.8	96
43	Analysis of Cultured Human Melanocytes Based on Polymorphisms within the SLC45A2/MATP, SLC24A5/NCKX5, and OCA2/P Loci. <i>Journal of Investigative Dermatology</i> , 2009, 129, 392-405.	0.7	96
44	Heparan sulfate proteoglycans are concentrated on the sinusoidal plasmalemmal domain and in intracellular organelles of hepatocytes.. <i>Journal of Cell Biology</i> , 1985, 100, 975-980.	5.2	95
45	Inhibition of the PtdIns(5) kinase PIKfyve disrupts intracellular replication of Salmonella. <i>EMBO Journal</i> , 2010, 29, 1331-1347.	7.8	95
46	A <i>trans</i> -Golgi network golgin is required for the regulated secretion of TNF in activated macrophages <i>in vivo</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3351-3356.	7.1	93
47	Different NK cell-activating receptors preferentially recruit Rab27a or Munc13-4 to perforin-containing granules for cytotoxicity. <i>Blood</i> , 2009, 114, 4117-4127.	1.4	90
48	Macropinosome formation by tent pole ruffling in macrophages. <i>Journal of Cell Biology</i> , 2018, 217, 3873-3885.	5.2	90
49	Targeting of a Tropomyosin Isoform to Short Microfilaments Associated with the Golgi Complex. <i>Molecular Biology of the Cell</i> , 2004, 15, 268-280.	2.1	87
50	Fusion, Fission, and Secretion During Phagocytosis. <i>Physiology</i> , 2007, 22, 366-372.	3.1	87
51	Cavin1/PTRF alters prostate cancer cell-derived extracellular vesicle content and internalization to attenuate extracellular vesicle-mediated osteoclastogenesis and osteoblast proliferation. <i>Journal of Extracellular Vesicles</i> , 2014, 3, .	12.2	86
52	The Recycling Endosome Protein Rab17 Regulates Melanocytic Filopodia Formation and Melanosome Trafficking. <i>Traffic</i> , 2011, 12, 627-643.	2.7	83
53	RAB27A promotes melanoma cell invasion and metastasis <i>via</i> regulation of pro-invasive exosomes. <i>International Journal of Cancer</i> , 2019, 144, 3070-3085.	5.1	72
54	Mammalian GRIP domain proteins differ in their membrane binding properties and are recruited to distinct domains of the TGN. <i>Journal of Cell Science</i> , 2004, 117, 5865-5874.	2.0	71

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55	The Inflammasome Adaptor ASC Induces Procaspase-8 Death Effector Domain Filaments. <i>Journal of Biological Chemistry</i> , 2015, 290, 29217-29230.	3.4	69
56	Distinct coated vesicles labeled for p200 bud from trans-Golgi network membranes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 2874-2878.	7.1	67
57	TLR Crosstalk Activates LRP1 to Recruit Rab8a and PI3K $\hat{3}$ for Suppression of Inflammatory Responses. <i>Cell Reports</i> , 2018, 24, 3033-3044.	6.4	67
58	Budding roles for myosin II on the Golgi. <i>Trends in Cell Biology</i> , 1998, 8, 138-141.	7.9	65
59	Acute epithelial injury in the rat small intestine in vivo is associated with expanded expression of transforming growth factor alpha and beta.. <i>Gut</i> , 1996, 38, 687-693.	12.1	63
60	N4WBP5A (Ndfip2), a Nedd4-interacting protein, localizes to multivesicular bodies and the Golgi, and has a potential role in protein trafficking. <i>Journal of Cell Science</i> , 2004, 117, 3679-3689.	2.0	63
61	Phosphoinositide 3-kinase $\hat{1}$ regulates membrane fission of Golgi carriers for selective cytokine secretion. <i>Journal of Cell Biology</i> , 2010, 190, 1053-1065.	5.2	60
62	Vesicle budding on Golgi membranes: regulation by G proteins and myosin motors. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1998, 1404, 161-171.	4.1	59
63	Macropinocytosis: Insights from immunology and cancer. <i>Current Opinion in Cell Biology</i> , 2020, 65, 131-140.	5.4	59
64	Signalling, sorting and scaffolding adaptors for Toll-like receptors. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	58
65	Small GTPase Rab8a-recruited Phosphatidylinositol 3-Kinase $\hat{3}$ Regulates Signaling and Cytokine Outputs from Endosomal Toll-like Receptors. <i>Journal of Biological Chemistry</i> , 2017, 292, 4411-4422.	3.4	57
66	Distinctive populations of basement membrane and cell membrane heparan sulfate proteoglycans are produced by cultured cell lines.. <i>Journal of Cell Biology</i> , 1987, 105, 529-539.	5.2	55
67	PI3K $\hat{1}$ inhibition reduces TNF secretion and neuroinflammation in a mouse cerebral stroke model. <i>Nature Communications</i> , 2014, 5, 3450.	12.8	54
68	Syntaxin 11 Binds Vti1b and Regulates Late Endosome to Lysosome Fusion in Macrophages. <i>Traffic</i> , 2011, 12, 762-773.	2.7	53
69	The GRIP Domain is a Specific Targeting Sequence for a Population of trans-Golgi Network Derived Tubulo-Vesicular Carriers. <i>Traffic</i> , 2001, 2, 336-344.	2.7	52
70	Contextual Binding of p120 to E-cadherin at the Basolateral Plasma Membrane in Polarized Epithelia. <i>Journal of Biological Chemistry</i> , 2003, 278, 43480-43488.	3.4	52
71	Rodent blood-stage <i>Plasmodium</i> survive in dendritic cells that infect naive mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11205-11210.	7.1	51
72	Rab6a Are Important Golgi Regulators of Pro-Inflammatory TNF Secretion in Macrophages. <i>PLoS ONE</i> , 2013, 8, e57034.	2.5	51

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73	Class IIa Histone Deacetylases Drive Toll-like Receptor-Inducible Glycolysis and Macrophage Inflammatory Responses via Pyruvate Kinase M2. <i>Cell Reports</i> , 2020, 30, 2712-2728.e8.	6.4	51
74	The myotubularin phosphatase MTMR4 regulates sorting from early endosomes. <i>Journal of Cell Science</i> , 2010, 123, 3071-3083.	2.0	48
75	SCIMP is a transmembrane non-TIR TLR adaptor that promotes proinflammatory cytokine production from macrophages. <i>Nature Communications</i> , 2017, 8, 14133.	12.8	45
76	Caveolin-1 Deficiency Leads to Increased Susceptibility to Cell Death and Fibrosis in White Adipose Tissue: Characterization of a Lipodystrophic Model. <i>PLoS ONE</i> , 2012, 7, e46242.	2.5	45
77	GAIIP, a GÎ±i-3-binding protein, is associated with Golgi-derived vesicles and protein trafficking. <i>American Journal of Physiology - Cell Physiology</i> , 1999, 276, C497-C506.	4.6	44
78	Biosynthesis of proteoglycans by isolated rabbit glomeruli. <i>Archives of Biochemistry and Biophysics</i> , 1983, 225, 950-957.	3.0	43
79	Polarized trafficking of E-cadherin is regulated by Rac1 and Cdc42 in Madin-Darby canine kidney cells. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 288, C1411-C1419.	4.6	41
80	Localization of human heparan glucosaminyl N-deacetylase/N-sulphotransferase to the trans-Golgi network. <i>Biochemical Journal</i> , 1997, 325, 351-357.	3.7	40
81	Elongator mutation in mice induces neurodegeneration and ataxia-like behavior. <i>Nature Communications</i> , 2018, 9, 3195.	12.8	40
82	Screening of Human Primary Melanocytes of Defined Melanocortin-1 Receptor Genotype: Pigmentation Marker, Ultrastructural and UV-Survival Studies. <i>Pigment Cell &amp; Melanoma Research</i> , 2003, 16, 198-207.	3.6	39
83	Recycling endosome-dependent and -independent mechanisms for IL-10 secretion in LPS-activated macrophages. <i>Journal of Leukocyte Biology</i> , 2012, 92, 1227-1239.	3.3	39
84	Molecular analysis of common polymorphisms within the human <i>TYR</i> locus and genetic association with pigmentation traits. <i>Pigment Cell and Melanoma Research</i> , 2014, 27, 552-564.	3.3	38
85	RorÎ± deficiency and decreased adiposity are associated with induction of thermogenic gene expression in subcutaneous white adipose and brown adipose tissue. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E159-E171.	3.5	38
86	Automated organelle-based colocalization in whole-cell imaging. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2009, 75A, 941-950.	1.5	37
87	Endocytosis of Uncleaved Tumor Necrosis Factor-Î± in Macrophages. <i>Laboratory Investigation</i> , 2001, 81, 107-117.	3.7	36
88	Secretion of Apolipoprotein E From Macrophages Occurs via a Protein Kinase C and Calcium-Dependent Pathway Along the Microtubule Network. <i>Circulation Research</i> , 2007, 101, 607-616.	4.5	36
89	Rab31 and APPL2 enhance FcÎ³R-mediated phagocytosis through PI3K/Akt signaling in macrophages. <i>Molecular Biology of the Cell</i> , 2015, 26, 952-965.	2.1	35
90	Hepatic expression profiling identifies steatosis-independent and steatosis-driven advanced fibrosis genes. <i>JCI Insight</i> , 2018, 3, .	5.0	35

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91	Dynamin-dependent endocytosis is necessary for convergent-extension movements in <i>Xenopus</i> animal cap explants. <i>International Journal of Developmental Biology</i> , 2002, 46, 467-73.	0.6	35
92	VAMP3 regulates podosome organisation in macrophages and together with Stx4/SNAP23 mediates adhesion, cell spreading and persistent migration. <i>Experimental Cell Research</i> , 2011, 317, 1817-1829.	2.6	33
93	ROR1 and 25-Hydroxycholesterol Crosstalk Regulates Lipid Droplet Homeostasis in Macrophages. <i>PLoS ONE</i> , 2016, 11, e0147179.	2.5	29
94	Single-step protease cleavage elution for identification of protein-protein interactions from GST pull-down and mass spectrometry. <i>Proteomics</i> , 2014, 14, 19-23.	2.2	27
95	Sequential recruitment of Rab GTPases during early stages of phagocytosis. <i>Cellular Logistics</i> , 2016, 6, e1140615.	0.9	27
96	RP105 Engages Phosphatidylinositol 3-Kinase p110 $\beta$ To Facilitate the Trafficking and Secretion of Cytokines in Macrophages during Mycobacterial Infection. <i>Journal of Immunology</i> , 2015, 195, 3890-3900.	0.8	26
97	The cell surface environment for pathogen recognition and entry. <i>Clinical and Translational Immunology</i> , 2016, 5, e71.	3.8	26
98	Disruption of microtubules alters polarity of basement membrane proteoglycan secretion in epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 1991, 260, C691-C700.	4.6	25
99	Distribution and role of heterotrimeric G proteins in the secretory pathway of polarized epithelial cells. <i>Journal of Cell Science</i> , 1993, 1993, 33-39.	2.0	24
100	Rab8a localisation and activation by Toll-like receptors on macrophage macropinosomes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180151.	4.0	24
101	GAIP Participates in Budding of Membrane Carriers at the Trans-Golgi Network. <i>Traffic</i> , 2003, 4, 175-189.	2.7	23
102	Cyclosporin A Decreases Apolipoprotein E Secretion from Human Macrophages via a Protein Phosphatase 2B-dependent and ATP-binding Cassette Transporter A1 (ABCA1)-independent Pathway. <i>Journal of Biological Chemistry</i> , 2009, 284, 24144-24154.	3.4	23
103	High-throughput quantification of early stages of phagocytosis. <i>BioTechniques</i> , 2013, 55, 115-124.	1.8	23
104	Soluble NSF attachment protein receptor molecular mimicry by a <i>Legionella pneumophila</i> Dot/Icm effector. <i>Cellular Microbiology</i> , 2015, 17, 767-784.	2.1	23
105	The murine neutrophil NLRP3 inflammasome is activated by soluble but not particulate or crystalline agonists. <i>European Journal of Immunology</i> , 2016, 46, 1004-1010.	2.9	23
106	Dual trafficking of Slit3 to mitochondria and cell surface demonstrates novel localization for Slit protein. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 281, C486-C495.	4.6	22
107	Targeting of RNA Polymerase II by a nuclear <i>Legionella pneumophila</i> Dot/Icm effector SnpL. <i>Cellular Microbiology</i> , 2018, 20, e12852.	2.1	21
108	Inhibitors of class I histone deacetylases attenuate thioacetamide-induced liver fibrosis in mice by suppressing hepatic type 2 inflammation. <i>British Journal of Pharmacology</i> , 2019, 176, 3775-3790.	5.4	21

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109	Regulation of vesicular transport by GTP-binding proteins. <i>Current Opinion in Nephrology and Hypertension</i> , 1995, 4, 421-425.	2.0	20
110	The Binding of Syndapin SH3 Domain to Dynamin Proline-rich Domain Involves Short and Long Distance Elements. <i>Journal of Biological Chemistry</i> , 2016, 291, 9411-9424.	3.4	20
111	Individual Smad2 linker region phosphorylation sites determine the expression of proteoglycan and glycosaminoglycan synthesizing genes. <i>Cellular Signalling</i> , 2019, 53, 365-373.	3.6	20
112	Disruption of Ror1 and Cholesterol 25-Hydroxylase Expression Attenuates Phagocytosis in Male Ror1sg Mice. <i>Endocrinology</i> , 2013, 154, 140-149.	2.8	19
113	ICAT is a multipotent inhibitor of $\beta$ -catenin. Focus on the Role for ICAT in $\beta$ -catenin-dependent nuclear signaling and cadherin functions. <i>American Journal of Physiology - Cell Physiology</i> , 2004, 286, C745-C746.	4.6	18
114	The Rho GTPase Rac1 is required for recycling endosome-mediated secretion of TNF in macrophages. <i>Immunology and Cell Biology</i> , 2014, 92, 275-286.	2.3	17
115	Differential expression of genes and receptors in monocytes from patients with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2019, 18, 342-348.	0.7	17
116	Guanine nucleotide exchange factors activate Rab8a for Toll-like receptor signalling. <i>Small GTPases</i> , 2021, 12, 27-43.	1.6	17
117	Neurotoxic peptides from the venom of the giant Australian stinging tree. <i>Science Advances</i> , 2020, 6, .	10.3	16
118	<i>Xenopus borealis</i> as an alternative source of oocytes for biophysical and pharmacological studies of neuronal ion channels. <i>Scientific Reports</i> , 2015, 5, 14763.	3.3	12
119	Distinct Roles for APPL1 and APPL2 in Regulating Toll-like Receptor 4 Signaling in Macrophages. <i>Traffic</i> , 2016, 17, 1014-1026.	2.7	12
120	SCIMP is a universal Toll-like receptor adaptor in macrophages. <i>Journal of Leukocyte Biology</i> , 2020, 107, 251-262.	3.3	12
121	Toll-like Receptor 4 Stimulates Gene Expression via Smad2 Linker Region Phosphorylation in Vascular Smooth Muscle Cells. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 524-534.	4.9	12
122	Evidence for lysosomal exocytosis and release of aggrecan-degrading hydrolases from hypertrophic chondrocytes, <i>in vitro</i> and <i>in vivo</i> . <i>Biology Open</i> , 2012, 1, 318-328.	1.2	11
123	pTRAPs: Transmembrane adaptors in innate immune signaling. <i>Journal of Leukocyte Biology</i> , 2018, 103, 1011-1019.	3.3	9
124	SCIMP is a spatiotemporal transmembrane scaffold for Erk1/2 to direct pro-inflammatory signaling in TLR-activated macrophages. <i>Cell Reports</i> , 2021, 36, 109662.	6.4	9
125	Expression of heparan sulphate N-deacetylase/N-sulphotransferase by vascular smooth muscle cells. <i>The Histochemical Journal</i> , 2002, 34, 131-137.	0.6	7
126	Inhibition of the master regulator of <i>Listeria monocytogenes</i> virulence enables bacterial clearance from spacious replication vacuoles in infected macrophages. <i>PLoS Pathogens</i> , 2022, 18, e1010166.	4.7	7



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127	Distinct localization of renin and GLUT-4 in juxtaglomerular cells of mouse kidney. <i>American Journal of Physiology - Renal Physiology</i> , 1998, 274, F26-F33.	2.7	6
128	Nobel Prize discovery paves the way for immunological traffic. <i>Nature Reviews Immunology</i> , 2013, 13, 839-841.	22.7	6
129	Dynamic imaging of the recycling endosomal network in macrophages. <i>Methods in Cell Biology</i> , 2015, 130, 1-18.	1.1	6
130	Development of SH2 probes and pull-down assays to detect pathogen-induced, site-specific tyrosine phosphorylation of the TLR adaptor SCIMP. <i>Immunology and Cell Biology</i> , 2017, 95, 564-570.	2.3	6
131	The transmembrane adapter SCIMP recruits tyrosine kinase Syk to phosphorylate Toll-like receptors to mediate selective inflammatory outputs. <i>Journal of Biological Chemistry</i> , 2022, 298, 101857.	3.4	5
132	An alternative downstream translation start site in the non-TIR adaptor Scimp enables selective amplification of CpG DNA responses in mouse macrophages. <i>Immunology and Cell Biology</i> , 2022, 100, 267-284.	2.3	4
133	On linear models and parameter identifiability in experimental biological systems. <i>Journal of Theoretical Biology</i> , 2014, 358, 102-121.	1.7	3
134	Image-Based Analysis of Phagocytosis: Measuring Engulfment and Internalization. <i>Methods in Molecular Biology</i> , 2017, 1519, 201-214.	0.9	3
135	LLAMA: a robust and scalable machine learning pipeline for analysis of large scale 4D microscopy data: analysis of cell ruffles and filopodia. <i>BMC Bioinformatics</i> , 2021, 22, 410.	2.6	2
136	Rab6b localizes to the Golgi complex in murine macrophages and promotes tumor necrosis factor release in response to mycobacterial infection. <i>Immunology and Cell Biology</i> , 2021, 99, 1067-1076.	2.3	2
137	Guanine Nucleotide Binding Proteins Regulate Epithelial Na <sup>+</sup> Channels. <i>Advances in Experimental Medicine and Biology</i> , 1991, 290, 333-345.	1.6	2
138	Live Fluorescence, Inverse Imaging of Cell Ruffling, and Macropinocytosis. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	1
139	Expression and localization of proteins in mammalian cells. , 2005, , .		0
140	Receptor function, dominant negative activity and phenotype correlations for MC1R variant alleles. <i>Human Molecular Genetics</i> , 2007, 16, 2988-2988.	2.9	0
141	Small GTPases in trafficking – a family approach. <i>Cellular Logistics</i> , 2016, 6, e1178036.	0.9	0
142	Editorial overview: Membrane traffic in the time of COVID-19. <i>Current Opinion in Cell Biology</i> , 2020, 65, iii-v.	5.4	0
143	High-speed squeeze: Light-sheet imaging of zebrafish neutrophils. <i>Journal of Leukocyte Biology</i> , 2020, 108, 447-449.	3.3	0
144	Detecting Endogenous Activation. <i>Methods in Molecular Biology</i> , 2021, 2293, 45-56.	0.9	0

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145	Rab10 regulates macropinocytosis and degradation pathways in macrophages. FASEB Journal, 2021, 35, .	0.5	0
146	A Leep1 into migration and macropinocytosis. Journal of Cell Biology, 2021, 220, .	5.2	0
147	Subcompartments of the macrophage recycling endosome direct the differential secretion of IL-6 and TNF $\alpha$ . Journal of Experimental Medicine, 2007, 204, i19-i19.	8.5	0
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