

# Adam Alexander Wall

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

718  
citations

623734

14  
h-index

642732

23  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1257  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rab8a interacts directly with PI3K $\hat{\text{I}}^3$ to modulate TLR4-driven PI3K and mTOR signalling. <i>Nature Communications</i> , 2014, 5, 4407.	12.8	109
2	Macropinosome formation by tent pole ruffling in macrophages. <i>Journal of Cell Biology</i> , 2018, 217, 3873-3885.	5.2	90
3	TLR Crosstalk Activates LRP1 to Recruit Rab8a and PI3K $\hat{\text{I}}^3$ for Suppression of Inflammatory Responses. <i>Cell Reports</i> , 2018, 24, 3033-3044.	6.4	67
4	Macropinocytosis: Insights from immunology and cancer. <i>Current Opinion in Cell Biology</i> , 2020, 65, 131-140.	5.4	59
5	Small GTPase Rab8a-recruited Phosphatidylinositol 3-Kinase $\hat{\text{I}}^3$ Regulates Signaling and Cytokine Outputs from Endosomal Toll-like Receptors. <i>Journal of Biological Chemistry</i> , 2017, 292, 4411-4422.	3.4	57
6	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
7	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
8	Rab31 and APPL2 enhance Fc $\hat{\text{I}}^3$ R-mediated phagocytosis through PI3K/Akt signaling in macrophages. <i>Molecular Biology of the Cell</i> , 2015, 26, 952-965.	2.1	35
9	Sequential recruitment of Rab GTPases during early stages of phagocytosis. <i>Cellular Logistics</i> , 2016, 6, e1140615.	0.9	27
10	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
11	High-throughput quantification of early stages of phagocytosis. <i>BioTechniques</i> , 2013, 55, 115-124.	1.8	23
12	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
13	Formation of retromer transport carriers is disrupted by the Parkinson disease-linked Vps35 $\langle \text{sc} \rangle$ D620N $\langle / \text{sc} \rangle$ variant. <i>Traffic</i> , 2021, 22, 123-136.	2.7	21
14	Disruption of Ror $\hat{\text{I}}^1$ and Cholesterol 25-Hydroxylase Expression Attenuates Phagocytosis in Male Ror $\hat{\text{I}}^1$ sg/sg Mice. <i>Endocrinology</i> , 2013, 154, 140-149.	2.8	19
15	Effective Translation of the Second Cistron in Two Drosophila Dicistronic Transcripts Is Determined by the Absence of In-frame AUG Codons in the First Cistron. <i>Journal of Biological Chemistry</i> , 2005, 280, 27670-27678.	3.4	17
16	Guanine nucleotide exchange factors activate Rab8a for Toll-like receptor signalling. <i>Small GTPases</i> , 2021, 12, 27-43.	1.6	17
17	Distinct Roles for $\langle \text{sc} \rangle$ APPL1 $\langle / \text{sc} \rangle$ and $\langle \text{sc} \rangle$ APPL2 $\langle / \text{sc} \rangle$ in Regulating Toll-like Receptor 4 Signaling in Macrophages. <i>Traffic</i> , 2016, 17, 1014-1026.	2.7	12
18	SCIMP is a universal Toll-like receptor adaptor in macrophages. <i>Journal of Leukocyte Biology</i> , 2020, 107, 251-262.	3.3	12

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19	Dynamic imaging of the recycling endosomal network in macrophages. <i>Methods in Cell Biology</i> , 2015, 130, 1-18.	1.1	6
20	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
21	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
22	Image-Based Analysis of Phagocytosis: Measuring Engulfment and Internalization. <i>Methods in Molecular Biology</i> , 2017, 1519, 201-214.	0.9	3
23	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
24	Meeting report-Small GTPases in membrane processes: FASEB summer research conference. <i>Traffic</i> , 2019, 20, 259-262.	2.7	0
25	Automated Analysis of Cell Surface Ruffling: Ruffle Quantification Macro. <i>Bio-protocol</i> , 2020, 10, e3494.	0.4	0