

# Jason S King

## 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.

41 papers	7,916 citations	22 h-index	48 g-index
48 ext. papers	8,996 ext. citations	7.6 avg, IF	5.03 L-index

#	Paper	IF	Citations
41	The Amoebal Model for Macropinocytosis.. <i>Sub-Cellular Biochemistry</i> , <b>2022</b> , 98, 41-59	5.5	
40	Water loss regulates cell and vesicle volume. <i>Science</i> , <b>2020</b> , 367, 246-247	33.3	4
39	Coordinated Ras and Rac Activity Shapes Macropinocytic Cups and Enables Phagocytosis of Geometrically Diverse Bacteria. <i>Current Biology</i> , <b>2020</b> , 30, 2912-2926.e5	6.3	18
38	The breadth of macropinocytosis research. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 374, 20180146	5.8	25
37	The origins and evolution of macropinocytosis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 374, 20180158	5.8	55
36	Cellular microbiology interview-Dr. Jason King. <i>Cellular Microbiology</i> , <b>2019</b> , 21, e13007	3.9	
35	PIKfyve/Fab1 is required for efficient V-ATPase and hydrolase delivery to phagosomes, phagosomal killing, and restriction of Legionella infection. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007551	7.6	22
34	Gamma secretase orthologs are required for lysosomal activity and autophagic degradation in , independent of PSEN (presenilin) proteolytic function. <i>Autophagy</i> , <b>2019</b> , 15, 1407-1418	10.2	11
33	The endocytic pathways of Dictyostelium discoideum. <i>International Journal of Developmental Biology</i> , <b>2019</b> , 63, 461-471	1.9	8
32	Escape From Amoeba by Both WASH-Mediated Constitutive Exocytosis and Vomocytosis. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2018</b> , 8, 108	5.9	19
31	The ESCRT and autophagy machineries cooperate to repair ESX-1-dependent damage at the Mycobacterium-containing vacuole but have opposite impact on containing the infection. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1007501	7.6	52
30	Mroh1, a lysosomal regulator localized by WASH-generated actin. <i>Journal of Cell Science</i> , <b>2017</b> , 130, 1785-1795	5.3	1795
29	Drinking problems: mechanisms of macropinosome formation and maturation. <i>FEBS Journal</i> , <b>2017</b> , 284, 3778-3790	5.7	79
28	Mycobacterium marinum antagonistically induces an autophagic response while repressing the autophagic flux in a TORC1- and ESX-1-dependent manner. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006344	7.6	36
27	Nutritional Requirements and Their Importance for Virulence of Pathogenic Cryptococcus Species. <i>Microorganisms</i> , <b>2017</b> , 5,	4.9	14
26	Autophagy in Dictyostelium: Mechanisms, regulation and disease in a simple biomedical model. <i>Autophagy</i> , <b>2017</b> , 13, 24-40	10.2	48
25	Methods to Monitor and Quantify Autophagy in the Social Amoeba Dictyostelium discoideum. <i>Cells</i> , <b>2017</b> , 6,	7.9	16

24	WASH drives early recycling from macropinosomes and phagosomes to maintain surface phagocytic receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E5906-E5915	11.5	53
23	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
22	Comparative genome and transcriptome analyses of the social amoeba <i>Acanthamoeba castellanii</i> that accomplishes multicellular development without germ-soma differentiation. <i>BMC Genomics</i> , <b>2015</b> , 16, 80	4.5	16
21	The autophagic machinery ensures nonlytic transmission of mycobacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E687-92	11.5	52
20	Vmp1 regulates PtdIns3P signaling during autophagosome formation in <i>Dictyostelium discoideum</i> . <i>Traffic</i> , <b>2014</b> , 15, 1235-46	5.7	35
19	Cyclical action of the WASH complex: FAM21 and capping protein drive WASH recycling, not initial recruitment. <i>Developmental Cell</i> , <b>2013</b> , 24, 169-81	10.2	39
18	WASH is required for lysosomal recycling and efficient autophagic and phagocytic digestion. <i>Molecular Biology of the Cell</i> , <b>2013</b> , 24, 2714-26	3.5	62
17	The use of streptavidin conjugates as immunoblot loading controls and mitochondrial markers for use with <i>Dictyostelium discoideum</i> . <i>BioTechniques</i> , <b>2013</b> , 55, 39-41	2.5	17
16	Autophagy across the eukaryotes: is <i>S. cerevisiae</i> the odd one out?. <i>Autophagy</i> , <b>2012</b> , 8, 1159-62	10.2	45
15	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544.2	10.2	2783
14	Mechanical stress meets autophagy: potential implications for physiology and pathology. <i>Trends in Molecular Medicine</i> , <b>2012</b> , 18, 583-8	11.5	39
13	SCAR knockouts in <i>Dictyostelium</i> : WASP assumes SCAR's position and upstream regulators in pseudopods. <i>Journal of Cell Biology</i> , <b>2012</b> , 198, 501-8	7.3	76
12	The induction of autophagy by mechanical stress. <i>Autophagy</i> , <b>2011</b> , 7, 1490-9	10.2	116
11	Genetic control of lithium sensitivity and regulation of inositol biosynthetic genes. <i>PLoS ONE</i> , <b>2010</b> , 5, e11151	3.7	20
10	SCAR/WAVE is activated at mitosis and drives myosin-independent cytokinesis. <i>Journal of Cell Science</i> , <b>2010</b> , 123, 2246-55	5.3	37
9	The mood stabiliser lithium suppresses PIP3 signalling in <i>Dictyostelium</i> and human cells. <i>DMM Disease Models and Mechanisms</i> , <b>2009</b> , 2, 306-12	4.1	47
8	Chemotaxis: finding the way forward with <i>Dictyostelium</i> . <i>Trends in Cell Biology</i> , <b>2009</b> , 19, 523-30	18.3	121
7	PtdIns(3,4,5)P(3) and inositol depletion as a cellular target of mood stabilizers. <i>Biochemical Society Transactions</i> , <b>2009</b> , 37, 1110-4	5.1	12

6	Chemotaxis: TorC before you Akt. <i>Current Biology</i> , <b>2008</b> , 18, R864-6	6.3	2
5	Dephosphorylation of 2,3-bisphosphoglycerate by MIPP expands the regulatory capacity of the Rapoport-Luebering glycolytic shunt. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 5998-6003	11.5	34
4	Phospholipase C regulation of phosphatidylinositol 3,4,5-trisphosphate-mediated chemotaxis. <i>Molecular Biology of the Cell</i> , <b>2007</b> , 18, 4772-9	3.5	52
3	ESCRT and autophagy cooperate to repair ESX-1-dependent damage to the Mycobacterium-containing vacuole		1
2	PIKfyve/Fab1 is required for efficient V-ATPase and hydrolase delivery to phagosomes, phagosomal killing, and restriction of Legionella infection		1
1	Environmental interactions with amoebae as drivers of bacterial-fungal endosymbiosis and pathogenicity		5