Jason S King

List of Publications by Year
in descending order

41 papers	9,701 citations	236925 25 h-index	289244 40 g-index
48 all docs	48 docs citations	48 times ranked	21589 citing authors

#	Article	IF	Citations
1	A bacterial endosymbiont of the fungus Rhizopus microsporus drives phagocyte evasion and opportunistic virulence. Current Biology, 2022, 32, 1115-1130.e6.	3.9	22
2	The Amoebal Model for Macropinocytosis. Sub-Cellular Biochemistry, 2022, 98, 41-59.	2.4	3
3	Dynamic Rac1 inhibition by CYRI helps cells drink, but stops them from driving. Journal of Cell Biology, 2021, 220, .	5.2	0
4	Moving the Research Forward: The Best of British Biology Using the Tractable Model System Dictyostelium discoideum. Cells, 2021, 10, 3036.	4.1	2
5	Coordinated Ras and Rac Activity Shapes Macropinocytic Cups and Enables Phagocytosis of Geometrically Diverse Bacteria. Current Biology, 2020, 30, 2912-2926.e5.	3.9	33
6	Water loss regulates cell and vesicle volume. Science, 2020, 367, 246-247.	12.6	8
7	The breadth of macropinocytosis research. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180146.	4.0	48
8	The origins and evolution of macropinocytosis. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180158.	4.0	108
9	Cellular microbiology interviewâ€"Dr. Jason King. Cellular Microbiology, 2019, 21, e13007.	2.1	0
10	PIKfyve/Fab1 is required for efficient V-ATPase and hydrolase delivery to phagosomes, phagosomal killing, and restriction of Legionella infection. PLoS Pathogens, 2019, 15, e1007551.	4.7	35
11	Gamma secretase orthologs are required for lysosomal activity and autophagic degradation in <i>Dictyostelium discoideum</i>, independent of PSEN (presenilin) proteolytic function. Autophagy, 2019, 15, 1407-1418.	9.1	16
12	The endocytic pathways of Dictyostelium discoideum. International Journal of Developmental Biology, 2019, 63, 461-471.	0.6	22
13	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. PLoS Pathogens, 2018, 14, e1007501.	4.7	94
14	Cryptococcus neoformans Escape From Dictyostelium Amoeba by Both WASH-Mediated Constitutive Exocytosis and Vomocytosis. Frontiers in Cellular and Infection Microbiology, 2018, 8, 108.	3.9	27
15	Mroh1, a lysosomal regulator localised by WASH-generated actin. Journal of Cell Science, 2017, 130, 1785-1795.	2.0	6
16	Drinking problems: mechanisms of macropinosome formation and maturation. FEBS Journal, 2017, 284, 3778-3790.	4.7	117
17	Autophagy in<i>Dictyostelium</i>: Mechanisms, regulation and disease in a simple biomedical model. Autophagy, 2017, 13, 24-40.	9.1	74
18	Methods to Monitor and Quantify Autophagy in the Social Amoeba Dictyostelium discoideum. Cells, 2017, 6, 18.	4.1	28

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19	Mycobacterium marinum antagonistically induces an autophagic response while repressing the autophagic flux in a TORC1- and ESX-1-dependent manner. PLoS Pathogens, 2017, 13, e1006344.	4.7	77
20	Nutritional Requirements and Their Importance for Virulence of Pathogenic Cryptococcus Species. Microorganisms, 2017, 5, 65.	3.6	24
21	WASH drives early recycling from macropinosomes and phagosomes to maintain surface phagocytic receptors. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5906-E5915.	7.1	79
22	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
23	The autophagic machinery ensures nonlytic transmission of mycobacteria. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E687-92.	7.1	67
24	Comparative genome and transcriptome analyses of the social amoeba Acytostelium subglobosum that accomplishes multicellular development without germ-soma differentiation. BMC Genomics, 2015, 16, 80.	2.8	23
25	Vmp1 Regulates <scp>PtdIns3P</scp> Signaling During Autophagosome Formation in <i>Dictyostelium discoideum</i>. Traffic, 2014, 15, 1235-1246.	2.7	48
26	Cyclical Action of the WASH Complex: FAM21 and Capping Protein Drive WASH Recycling, Not Initial Recruitment. Developmental Cell, 2013, 24, 169-181.	7.0	52
27	WASH is required for lysosomal recycling and efficient autophagic and phagocytic digestion. Molecular Biology of the Cell, 2013, 24, 2714-2726.	2.1	82
28	The use of streptavidin conjugates as immunoblot loading controls and mitochondrial markers for use with <i>Dictyostelium discoideum</i>. BioTechniques, 2013, 55, 39-41.	1.8	30
29	SCAR knockouts in <i>Dictyostelium</i>: WASP assumes SCARâ€™s position and upstream regulators in pseudopods. Journal of Cell Biology, 2012, 198, 501-508.	5.2	93
30	Autophagy across the eukaryotes. Autophagy, 2012, 8, 1159-1162.	9.1	59
31	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
32	Mechanical stress meets autophagy: potential implications for physiology and pathology. Trends in Molecular Medicine, 2012, 18, 583-588.	6.7	47
33	The induction of autophagy by mechanical stress. Autophagy, 2011, 7, 1490-1499.	9.1	156
34	Genetic Control of Lithium Sensitivity and Regulation of Inositol Biosynthetic Genes. PLoS ONE, 2010, 5, e11151.	2.5	23
35	SCAR/WAVE is activated at mitosis and drives myosin-independent cytokinesis. Journal of Cell Science, 2010, 123, 2246-2255.	2.0	49
36	The mood stabiliser lithium suppresses PIP3 signalling in Dictyostelium and human cells. DMM Disease Models and Mechanisms, 2009, 2, 306-312.	2.4	51

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37	Chemotaxis: finding the way forward with Dictyostelium. Trends in Cell Biology, 2009, 19, 523-530.	7.9	140
38	PtdIns(3,4,5)<i>P</i>3 and inositol depletion as a cellular target of mood stabilizers. Biochemical Society Transactions, 2009, 37, 1110-1114.	3.4	13
39	Chemotaxis: TorC before You Aktâ€¦. Current Biology, 2008, 18, R864-R866.	3.9	3
40	Dephosphorylation of 2,3-bisphosphoglycerate by MIPP expands the regulatory capacity of the Rapoportâ€œLuebering glycolytic shunt. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5998-6003.	7.1	38
41	Phospholipase C Regulation of Phosphatidylinositol 3,4,5-trisphosphate-mediated Chemotaxis. Molecular Biology of the Cell, 2007, 18, 4772-4779.	2.1	66