

Ryan C Russell

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

6,101
citations

218381

26
h-index

525886

27
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29
all docs

29
docs citations

29
times ranked

12310
citing authors

#	ARTICLE	IF	CITATIONS
1	ULK1 induces autophagy by phosphorylating Beclin-1 and activating VPS34 lipid kinase. <i>Nature Cell Biology</i> , 2013, 15, 741-750.	4.6	1,255
2	Amino acid signalling upstream of mTOR. <i>Nature Reviews Molecular Cell Biology</i> , 2013, 14, 133-139.	16.1	716
3	Differential Regulation of Distinct Vps34 Complexes by AMPK in Nutrient Stress and Autophagy. <i>Cell</i> , 2013, 152, 290-303.	13.5	646
4	Autophagy regulation by nutrient signaling. <i>Cell Research</i> , 2014, 24, 42-57.	5.7	601
5	Differential regulation of mTORC1 by leucine and glutamine. <i>Science</i> , 2015, 347, 194-198.	6.0	585
6	YAP mediates crosstalk between the Hippo and PI(3)K-TOR pathways by suppressing PTEN via miR-29. <i>Nature Cell Biology</i> , 2012, 14, 1322-1329.	4.6	392
7	Germline CBL mutations cause developmental abnormalities and predispose to juvenile myelomonocytic leukemia. <i>Nature Genetics</i> , 2010, 42, 794-800.	9.4	308
8	Regulation of PIK3C3/VPS34 complexes by MTOR in nutrient stress-induced autophagy. <i>Autophagy</i> , 2013, 9, 1983-1995.	4.3	249
9	VHL Promotes E2 Box-Dependent E-Cadherin Transcription by HIF-Mediated Regulation of SIP1 and Snail. <i>Molecular and Cellular Biology</i> , 2007, 27, 157-169.	1.1	230
10	Organ Size Control by Hippo and TOR Pathways. <i>Current Biology</i> , 2012, 22, R368-R379.	1.8	167
11	An emerging role for TOR signaling in mammalian tissue and stem cell physiology. <i>Development (Cambridge)</i> , 2011, 138, 3343-3356.	1.2	123
12	Defects of Vps15 in skeletal muscles lead to autophagic vacuolar myopathy and lysosomal disease. <i>EMBO Molecular Medicine</i> , 2013, 5, 870-890.	3.3	96
13	Rag GTPases are cardioprotective by regulating lysosomal function. <i>Nature Communications</i> , 2014, 5, 4241.	5.8	73
14	mGluR5 antagonism increases autophagy and prevents disease progression in the <i>huntington</i> mouse model of Huntington's disease. <i>Science Signaling</i> , 2017, 10, .	1.6	70
15	Loss of JAK2 regulation via a heterodimeric VHL-SOCS1 E3 ubiquitin ligase underlies Chuvash polycythemia. <i>Nature Medicine</i> , 2011, 17, 845-853.	15.2	68
16	The multifaceted role of autophagy in cancer. <i>EMBO Journal</i> , 2022, 41, e110031.	3.5	63
17	Iron overload inhibits late stage autophagic flux leading to insulin resistance. <i>EMBO Reports</i> , 2019, 20, e47911.	2.0	61
18	Somatic Pairing of Chromosome 19 in Renal Oncocytoma Is Associated with Deregulated ELGN2-Mediated Oxygen-Sensing Response. <i>PLoS Genetics</i> , 2008, 4, e1000176.	1.5	58

#	ARTICLE	IF	CITATIONS
19	Regulation of Autophagy Enzymes by Nutrient Signaling. Trends in Biochemical Sciences, 2021, 46, 687-700.	3.7	48
20	Class III PI3K regulates organismal glucose homeostasis by providing negative feedback on hepatic insulin signalling. Nature Communications, 2015, 6, 8283.	5.8	47
21	NEDD8 acts as a "molecular switch"™ defining the functional selectivity of VHL. EMBO Reports, 2008, 9, 486-491.	2.0	44
22	An antibody for analysis of autophagy induction. Nature Methods, 2020, 17, 232-239.	9.0	44
23	AMPK Promotes Xenophagy through Priming of Autophagic Kinases upon Detection of Bacterial Outer Membrane Vesicles. Cell Reports, 2019, 26, 2150-2165.e5.	2.9	43
24	NLK phosphorylates Raptor to mediate stress-induced mTORC1 inhibition. Genes and Development, 2015, 29, 2362-2376.	2.7	37
25	ULK1-mediated phosphorylation of ATG16L1 promotes xenophagy, but destabilizes the ATG16L1 Crohn's mutant. EMBO Reports, 2019, 20, e46885.	2.0	37
26	The Role of VHL in the Regulation of E-Cadherin: A New Connection in an Old Pathway. Cell Cycle, 2007, 6, 56-59.	1.3	28
27	Bacterial outer membrane vesicles trigger pre-activation of a xenophagic response via AMPK. Autophagy, 2019, 15, 1489-1491.	4.3	12
28	Mechanistic Target of Rapamycin. , 2017, , 231-250.		0