

Bernadette M Carroll

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

7,203
citations

331538

21
h-index

642610

23
g-index

27
all docs

27
docs citations

27
times ranked

17070
citing authors

#	ARTICLE	IF	CITATIONS
1	mTORC1 activity is supported by spatial association with focal adhesions. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	41
2	G3BPs tether the TSC complex to lysosomes and suppress mTORC1 signaling. <i>Cell</i> , 2021, 184, 655-674.e27.	13.5	65
3	Neutrophils induce paracrine telomere dysfunction and senescence in ROS-dependent manner. <i>EMBO Journal</i> , 2021, 40, e106048.	3.5	101
4	Spatial regulation of mTORC1 signalling: Beyond the Rag GTPases. <i>Seminars in Cell and Developmental Biology</i> , 2020, 107, 103-111.	2.3	19
5	The mTORC1-autophagy pathway is a target for senescent cell elimination. <i>Biogerontology</i> , 2019, 20, 331-335.	2.0	24
6	Rapamycin improves healthspan but not inflammaging in <i>nfκb1</i> ^{Δ/Δ} mice. <i>Aging Cell</i> , 2019, 18, e12882.	3.0	59
7	Nutrient sensing, growth and senescence. <i>FEBS Journal</i> , 2018, 285, 1948-1958.	2.2	34
8	Oxidation of SQSTM1/p62 mediates the link between redox state and protein homeostasis. <i>Nature Communications</i> , 2018, 9, 256.	5.8	132
9	The lysosome: a crucial hub for AMPK and mTORC1 signalling. <i>Biochemical Journal</i> , 2017, 474, 1453-1466.	1.7	143
10	Persistent mTORC1 signaling in cell senescence results from defects in amino acid and growth factor sensing. <i>Journal of Cell Biology</i> , 2017, 216, 1949-1957.	2.3	106
11	Mitochondria in Cell Senescence: Is Mitophagy the Weakest Link?. <i>EBioMedicine</i> , 2017, 21, 7-13.	2.7	260
12	Dysregulation of mTORC1/autophagy axis in senescence. <i>Aging</i> , 2017, 9, 1851-1852.	1.4	7
13	SQSTM1/p62 mediates crosstalk between autophagy and the UPS in DNA repair. <i>Autophagy</i> , 2016, 12, 1917-1930.	4.3	120
14	Mitochondria are required for pro-ageing features of the senescent phenotype. <i>EMBO Journal</i> , 2016, 35, 724-742.	3.5	527
15	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
16	Autophagy, lipophagy and lysosomal lipid storage disorders. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 269-284.	1.2	189
17	Control of TSC2-Rheb signaling axis by arginine regulates mTORC1 activity. <i>ELife</i> , 2016, 5, .	2.8	147
18	Mechanisms of Cross-Talk between Intracellular Protein Degradation Pathways. , 2015, , 103-119.		0

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19	Amino acids and autophagy: cross-talk and co-operation to control cellular homeostasis. <i>Amino Acids</i> , 2015, 47, 2065-2088.	1.2	80
20	Dual Proteolytic Pathways Govern Glycolysis and Immune Competence. <i>Cell</i> , 2014, 159, 1578-1590.	13.5	54
21	Impaired Autophagy in the Lipid-Storage Disorder Niemann-Pick Type C1 Disease. <i>Cell Reports</i> , 2013, 5, 1302-1315.	2.9	232
22	The TBC/RabGAP Armus Coordinates Rac1 and Rab7 Functions during Autophagy. <i>Developmental Cell</i> , 2013, 25, 15-28.	3.1	79
23	Autophagy and ageing: implications for age-related neurodegenerative diseases. <i>Essays in Biochemistry</i> , 2013, 55, 119-131.	2.1	45
24	Epidemics of squirrelpox virus disease in red squirrels (<i>Sciurus vulgaris</i>): temporal and serological findings. <i>Epidemiology and Infection</i> , 2009, 137, 257-265.	1.0	35