

Sharon A Tooze

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

3,622
citations

471509

17
h-index

526287

27
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29
all docs

29
docs citations

29
times ranked

6651
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy pathway: Cellular and molecular mechanisms. <i>Autophagy</i> , 2018, 14, 207-215.	9.1	984
2	WIPI2 Links LC3 Conjugation with PI3P, Autophagosome Formation, and Pathogen Clearance by Recruiting Atg12 ⁵ -16L1. <i>Molecular Cell</i> , 2014, 55, 238-252.	9.7	650
3	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021, 40, e108863.	7.8	615
4	Mammalian Atg18 (WIPI2) localizes to omegasome-anchored phagophores and positively regulates LC3 lipidation. <i>Autophagy</i> , 2010, 6, 506-522.	9.1	566
5	A molecular perspective of mammalian autophagosome biogenesis. <i>Journal of Biological Chemistry</i> , 2018, 293, 5386-5395.	3.4	220
6	Members of the autophagy class III phosphatidylinositol 3-kinase complex I interact with GABARAP and GABARAPL1 via LIR motifs. <i>Autophagy</i> , 2019, 15, 1333-1355.	9.1	86
7	ATG4B contains a C-terminal LIR motif important for binding and efficient cleavage of mammalian orthologs of yeast Atg8. <i>Autophagy</i> , 2017, 13, 834-853.	9.1	84
8	<scp>SNX</scp> 18 regulates <scp>ATG</scp> 9A trafficking from recycling endosomes by recruiting Dynamin ² . <i>EMBO Reports</i> , 2018, 19, .	4.5	73
9	WIPI2b and Atg16L1: setting the stage for autophagosome formation. <i>Biochemical Society Transactions</i> , 2014, 42, 1327-1334.	3.4	42
10	De novo single-nucleotide and copy number variation in discordant monozygotic twins reveals disease-related genes. <i>European Journal of Human Genetics</i> , 2019, 27, 1121-1133.	2.8	37
11	WIPI2B links PtdIns3P to LC3 lipidation through binding ATG16L1. <i>Autophagy</i> , 2015, 11, 190-1.	9.1	35
12	Unfolded Protein Response as a Compensatory Mechanism and Potential Therapeutic Target in PLN R14del Cardiomyopathy. <i>Circulation</i> , 2021, 144, 382-392.	1.6	32
13	A missense mutation in TRAPPC6A leads to build-up of the protein, in patients with a neurodevelopmental syndrome and dysmorphic features. <i>Scientific Reports</i> , 2018, 8, 2053.	3.3	30
14	A mutation in the major autophagy gene, WIPI2, associated with global developmental abnormalities. <i>Brain</i> , 2019, 142, 1242-1254.	7.6	28
15	Serine biosynthesis as a novel therapeutic target for dilated cardiomyopathy. <i>European Heart Journal</i> , 2022, 43, 3477-3489.	2.2	23
16	Emerging roles of transcriptional programs in autophagy regulation. <i>Transcription</i> , 2018, 9, 131-136.	3.1	20
17	MDH1 and MPP7 Regulate Autophagy in Pancreatic Ductal Adenocarcinoma. <i>Cancer Research</i> , 2019, 79, 1884-1898.	0.9	20
18	Truncating mutation in intracellular phospholipase A1 gene (DDHD2) in hereditary spastic paraplegia with intellectual disability (SPG54). <i>BMC Research Notes</i> , 2015, 8, 271.	1.4	17

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19	Control of GABARAP-mediated autophagy by the Golgi complex, centrosome and centriolar satellites. <i>Biology of the Cell</i> , 2018, 110, 1-5.	2.0	14
20	SARS-CoV-2 Susceptibility and ACE2 Gene Variations Within Diverse Ethnic Backgrounds. <i>Frontiers in Genetics</i> , 2022, 13, 888025.	2.3	14
21	Homozygous missense <i>WIPI2</i> variants cause a congenital disorder of autophagy with neurodevelopmental impairments of variable clinical severity and disease course. <i>Brain Communications</i> , 2021, 3, fcab183.	3.3	10
22	Distinct proteomic profiles in monozygotic twins discordant for ischaemic stroke. <i>Molecular and Cellular Biochemistry</i> , 2019, 456, 157-165.	3.1	7
23	Centrosome to autophagosome signaling: Specific GABARAP regulation by centriolar satellites. <i>Autophagy</i> , 2017, 13, 2113-2114.	9.1	6
24	Small-molecule probe reveals a kinase cascade that links stress signaling to TCF/LEF and Wnt responsiveness. <i>Cell Chemical Biology</i> , 2021, 28, 625-635.e5.	5.2	5
25	Identical non-identical twins and non-identical identical twins. <i>BMJ, The</i> , 2015, , h6589.	6.0	1
26	Elevated $\hat{1}^3$ -Glutamyltransferase and Erythrocyte Sedimentation Rate in Ischemic Stroke in Discordant Monozygotic Twin Study. <i>International Journal of Stroke</i> , 2015, 10, E32-E33.	5.9	1
27	Abstract 274: Activation of CaMKII Signaling Pathway Contributes to the Pathogenesis of Genetic Hypertrophic Cardiomyopathy. <i>Circulation Research</i> , 2020, 127, .	4.5	1
28	SNAREing an ARP requires a LIR. <i>Journal of Cell Biology</i> , 2018, 217, 803-805.	5.2	0