Yan G Zhao

List of Publications by Year
in descending order

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Version: 2024-02-01

		331670	477307
30	6,777	21	29
papers	citations	h-index	g-index

32	32	32	15619
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	VMP1 and TMEM41B are essential for DMV formation during Î²-coronavirus infection. Journal of Cell Biology, 2022, 221, .	5.2	26
2	Improved prime editors enable pathogenic allele correction and cancer modelling in adult mice. Nature Communications, 2021, 12, 2121.	12.8	155
3	Î²-propeller proteins WDR45 and WDR45B regulate autophagosome maturation into autolysosomes in neural cells. Current Biology, 2021, 31, 1666-1677.e6.	3.9	35
4	Atlastin 2/3 regulate ER targeting of the ULK1 complex to initiate autophagy. Journal of Cell Biology, 2021, 220, .	5.2	26
5	The BPAN and intellectual disability disease proteins WDR45 and WDR45B modulate autophagosome-lysosome fusion. Autophagy, 2021, 17, 1783-1784.	9.1	6
6	Machinery, regulation and pathophysiological implications of autophagosome maturation. Nature Reviews Molecular Cell Biology, 2021, 22, 733-750.	37.0	223
7	Vmp1, Vps13D, and Marf/Mfn2 function in a conserved pathway to regulate mitochondria and ER contact in development and disease. Current Biology, 2021, 31, 3028-3039.e7.	3.9	25
8	Role of Wdr45b in maintaining neural autophagy and cognitive function. Autophagy, 2020, 16, 615-625.	9.1	41
9	Inositol Polyphosphate Multikinase Inhibits Liquid-Liquid Phase Separation of TFEB to Negatively Regulate Autophagy Activity. Developmental Cell, 2020, 55, 588-602.e7.	7.0	38
10	Phase Separation in Membrane Biology: The Interplay between Membrane-Bound Organelles and Membraneless Condensates. Developmental Cell, 2020, 55, 30-44.	7.0	176
11	Core autophagy genes and human diseases. Current Opinion in Cell Biology, 2019, 61, 117-125.	5.4	44
12	The ER-Localized Protein DFCP1 Modulates ER-Lipid Droplet Contact Formation. Cell Reports, 2019, 27, 343-358.e5.	6.4	74
13	Autophagosome maturation: An epic journey from the ER to lysosomes. Journal of Cell Biology, 2019, 218, 757-770.	5.2	236
14	A critical role of VMP1 in lipoprotein secretion. ELife, 2019, 8, .	6.0	46
15	The ER-localized autophagy protein EPG-3/VMP1 regulates ER contacts with other organelles by modulating ATP2A/SERCA activity. Autophagy, 2018, 14, 362-363.	9.1	13
16	The ER Contact Proteins VAPA/B Interact with Multiple Autophagy Proteins to Modulate Autophagosome Biogenesis. Current Biology, 2018, 28, 1234-1245.e4.	3.9	129
17	Formation and maturation of autophagosomes in higher eukaryotes: a social network. Current Opinion in Cell Biology, 2018, 53, 29-36.	5.4	51
18	A switch from canonical to noncanonical autophagy shapes B cell responses. Science, 2017, 355, 641-647.	12.6	88

#	ARTICLE	IF	CITATIONS
19	The ER-Localized Transmembrane Protein EPG-3/VMP1 Regulates SERCA Activity to Control ER-Isolation Membrane Contacts for Autophagosome Formation. Molecular Cell, 2017, 67, 974-989.e6.	9.7	158
20	ULK1 cycling: The ups and downs of the autophagy response. Journal of Cell Biology, 2016, 215, 757-759.	5.2	15
21	The Incredible ULKs: Autophagy and Beyond. Molecular Cell, 2016, 62, 475-476.	9.7	8
22	Mice deficient in the Vici syndrome gene Epg5 exhibit features of retinitis pigmentosa. Autophagy, 2016, 12, 2263-2270.	9.1	19
23	The Nobel Prize: an appetizer before the feast. Science Bulletin, 2016, 61, 1711-1714.	9.0	0
24	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
25	The autophagy geneWdr45/Wipi4regulates learning and memory function and axonal homeostasis. Autophagy, 2015, 11, 881-890.	9.1	109
26	Mice deficient in Epg5 exhibit selective neuronal vulnerability to degeneration. Journal of Cell Biology, 2013, 200, 731-741.	5.2	107
27	Role ofEpg5in selective neurodegeneration and Vici syndrome. Autophagy, 2013, 9, 1258-1262.	9.1	47
28	Dihydroartemisinin Ameliorates Inflammatory Disease by Its Reciprocal Effects on Th and Regulatory T Cell Function via Modulating the Mammalian Target of Rapamycin Pathway. Journal of Immunology, 2012, 189, 4417-4425.	0.8	96
29	The p53-induced Gene Ei24 Is an Essential Component of the Basal Autophagy Pathway. Journal of Biological Chemistry, 2012, 287, 42053-42063.	3.4	68
30	An essential role for TAK1 in the contact hypersensitivity response. Cellular and Molecular Immunology, 2011, 8, 315-324.	10.5	15