

# Yan G Zhao

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

6,777  
citations

331670

21  
h-index

477307

29  
g-index

32  
all docs

32  
docs citations

32  
times ranked

15619  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Autophagosome maturation: An epic journey from the ER to lysosomes. <i>Journal of Cell Biology</i> , 2019, 218, 757-770.	5.2	236
3	Machinery, regulation and pathophysiological implications of autophagosome maturation. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 733-750.	37.0	223
4	Phase Separation in Membrane Biology: The Interplay between Membrane-Bound Organelles and Membraneless Condensates. <i>Developmental Cell</i> , 2020, 55, 30-44.	7.0	176
5	The ER-Localized Transmembrane Protein EPG-3/VMP1 Regulates SERCA Activity to Control ER-Isolation Membrane Contacts for Autophagosome Formation. <i>Molecular Cell</i> , 2017, 67, 974-989.e6.	9.7	158
6	Improved prime editors enable pathogenic allele correction and cancer modelling in adult mice. <i>Nature Communications</i> , 2021, 12, 2121.	12.8	155
7	The ER Contact Proteins VAPA/B Interact with Multiple Autophagy Proteins to Modulate Autophagosome Biogenesis. <i>Current Biology</i> , 2018, 28, 1234-1245.e4.	3.9	129
8	The autophagy gene <i>Wdr45/Wipi4</i> regulates learning and memory function and axonal homeostasis. <i>Autophagy</i> , 2015, 11, 881-890.	9.1	109
9	Mice deficient in <i>Epg5</i> exhibit selective neuronal vulnerability to degeneration. <i>Journal of Cell Biology</i> , 2013, 200, 731-741.	5.2	107
10	Dihydroartemisinin Ameliorates Inflammatory Disease by Its Reciprocal Effects on Th and Regulatory T Cell Function via Modulating the Mammalian Target of Rapamycin Pathway. <i>Journal of Immunology</i> , 2012, 189, 4417-4425.	0.8	96
11	A switch from canonical to noncanonical autophagy shapes B cell responses. <i>Science</i> , 2017, 355, 641-647.	12.6	88
12	The ER-Localized Protein DFCP1 Modulates ER-Lipid Droplet Contact Formation. <i>Cell Reports</i> , 2019, 27, 343-358.e5.	6.4	74
13	The p53-induced Gene <i>Ei24</i> Is an Essential Component of the Basal Autophagy Pathway. <i>Journal of Biological Chemistry</i> , 2012, 287, 42053-42063.	3.4	68
14	Formation and maturation of autophagosomes in higher eukaryotes: a social network. <i>Current Opinion in Cell Biology</i> , 2018, 53, 29-36.	5.4	51
15	Role of <i>Epg5</i> in selective neurodegeneration and Vici syndrome. <i>Autophagy</i> , 2013, 9, 1258-1262.	9.1	47
16	A critical role of VMP1 in lipoprotein secretion. <i>ELife</i> , 2019, 8, .	6.0	46
17	Core autophagy genes and human diseases. <i>Current Opinion in Cell Biology</i> , 2019, 61, 117-125.	5.4	44
18	Role of <i>Wdr45b</i> in maintaining neural autophagy and cognitive function. <i>Autophagy</i> , 2020, 16, 615-625.	9.1	41

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19	Inositol Polyphosphate Multikinase Inhibits Liquid-Liquid Phase Separation of TFEB to Negatively Regulate Autophagy Activity. <i>Developmental Cell</i> , 2020, 55, 588-602.e7.	7.0	38
20	Î²-propeller proteins WDR45 and WDR45B regulate autophagosome maturation into autolysosomes in neural cells. <i>Current Biology</i> , 2021, 31, 1666-1677.e6.	3.9	35
21	Atlastin 2/3 regulate ER targeting of the ULK1 complex to initiate autophagy. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	26
22	VMP1 and TMEM41B are essential for DMV formation during Î²-coronavirus infection. <i>Journal of Cell Biology</i> , 2022, 221, .	5.2	26
23	Vmp1, Vps13D, and Marf/Mfn2 function in a conserved pathway to regulate mitochondria and ER contact in development and disease. <i>Current Biology</i> , 2021, 31, 3028-3039.e7.	3.9	25
24	Mice deficient in the Vici syndrome gene <i>Epg5</i> exhibit features of retinitis pigmentosa. <i>Autophagy</i> , 2016, 12, 2263-2270.	9.1	19
25	An essential role for TAK1 in the contact hypersensitivity response. <i>Cellular and Molecular Immunology</i> , 2011, 8, 315-324.	10.5	15
26	ULK1 cycling: The ups and downs of the autophagy response. <i>Journal of Cell Biology</i> , 2016, 215, 757-759.	5.2	15
27	The ER-localized autophagy protein EPG-3/VMP1 regulates ER contacts with other organelles by modulating ATP2A/SERCA activity. <i>Autophagy</i> , 2018, 14, 362-363.	9.1	13
28	The Incredible ULKs: Autophagy and Beyond. <i>Molecular Cell</i> , 2016, 62, 475-476.	9.7	8
29	The BPAN and intellectual disability disease proteins WDR45 and WDR45B modulate autophagosome-lysosome fusion. <i>Autophagy</i> , 2021, 17, 1783-1784.	9.1	6
30	The Nobel Prize: an appetizer before the feast. <i>Science Bulletin</i> , 2016, 61, 1711-1714.	9.0	0