

Chenran Wang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

5,568
citations

623188

14
h-index

752256

20
g-index

21
all docs

21
docs citations

21
times ranked

14504
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.	4.3	4,701
2	FIP200 is required for maintenance and differentiation of postnatal neural stem cells. <i>Nature Neuroscience</i> , 2013, 16, 532-542.	7.1	154
3	p62/SQSTM1 synergizes with autophagy for tumor growth in vivo. <i>Genes and Development</i> , 2014, 28, 1204-1216.	2.7	94
4	Regulation of Integrin β 1 Recycling to Lipid Rafts by Rab1a to Promote Cell Migration. <i>Journal of Biological Chemistry</i> , 2010, 285, 29398-29405.	1.6	90
5	Super-resolution Tracking of Mitochondrial Dynamics with An Iridium(III) Luminophore. <i>Small</i> , 2018, 14, e1802166.	5.2	89
6	Quantitative analysis of interactive behavior of mitochondria and lysosomes using structured illumination microscopy. <i>Biomaterials</i> , 2020, 250, 120059.	5.7	77
7	Distinct roles of autophagy-dependent and -independent functions of FIP200 revealed by generation and analysis of a mutant knock-in mouse model. <i>Genes and Development</i> , 2016, 30, 856-869.	2.7	67
8	Elevated p62/SQSTM1 determines the fate of autophagy-deficient neural stem cells by increasing superoxide. <i>Journal of Cell Biology</i> , 2016, 212, 545-560.	2.3	54
9	Autophagy inhibition re-sensitizes pulse stimulation-selected paclitaxel-resistant triple negative breast cancer cells to chemotherapy-induced apoptosis. <i>Breast Cancer Research and Treatment</i> , 2015, 149, 619-629.	1.1	45
10	Tsg101 positively regulates P62-Keap1-Nrf2 pathway to protect hearts against oxidative damage. <i>Redox Biology</i> , 2020, 32, 101453.	3.9	34
11	Improved efficacy of mitochondrial disrupting agents upon inhibition of autophagy in a mouse model of BRCA1-deficient breast cancer. <i>Autophagy</i> , 2018, 14, 1214-1225.	4.3	33
12	Autophagy gene FIP200 in neural progenitors non-cell autonomously controls differentiation by regulating microglia. <i>Journal of Cell Biology</i> , 2017, 216, 2581-2596.	2.3	32
13	Transient inhibition of the ERK pathway prevents cerebellar developmental defects and improves long-term motor functions in murine models of neurofibromatosis type 1. <i>ELife</i> , 2014, 3, .	2.8	23
14	Autophagic lipid metabolism sustains mTORC1 activity in TSC-deficient neural stem cells. <i>Nature Metabolism</i> , 2019, 1, 1127-1140.	5.1	21
15	Enhanced autophagy in <i>Becn1^{F121A/F121A}</i> knockin mice counteracts aging-related neural stem cell exhaustion and dysfunction. <i>Autophagy</i> , 2022, 18, 409-422.	4.3	19
16	Targeted therapy for mTORC1-driven tumours through HDAC inhibition by exploiting innate vulnerability of mTORC1 hyper-activation. <i>British Journal of Cancer</i> , 2020, 122, 1791-1802.	2.9	11
17	Autophagy mediated lipid catabolism facilitates glioma progression to overcome bioenergetic crisis. <i>British Journal of Cancer</i> , 2021, 124, 1711-1723.	2.9	9
18	Non-canonical function of FIP200 is required for neural stem cell maintenance and differentiation by limiting TBK1 activation and p62 aggregate formation. <i>Scientific Reports</i> , 2021, 11, 23907.	1.6	7

#	ARTICLE	IF	CITATIONS
19	Role of FIP200 in inflammatory processes beyond its canonical autophagy function. <i>Biochemical Society Transactions</i> , 2020, 48, 1599-1607.	1.6	5
20	The Characterization of a Subependymal Giant Astrocytoma-Like Cell Line from Murine Astrocyte with mTORC1 Hyperactivation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4116.	1.8	3
21	Suppression of autophagy by FIP200 inactivation results in deficient self-renewal of neural stem cells. <i>FASEB Journal</i> , 2011, 25, lb110.	0.2	0