

Meng Lu

List of Publications by Year in descending order

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14
papers

361
citations

933447

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1125743

13
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docs citations

16
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636
citing authors

#	ARTICLE	IF	CITATIONS
1	Sea Cucumber-Derived Peptides Alleviate Oxidative Stress in Neuroblastoma Cells and Improve Survival in <i>C. elegans</i> Exposed to Neurotoxic Paraquat. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	4.0	17
2	ML-SIM: universal reconstruction of structured illumination microscopy images using transfer learning. <i>Biomedical Optics Express</i> , 2021, 12, 2720.	2.9	42
3	Advances in the study of organelle interactions and their role in neurodegenerative diseases enabled by super-resolution microscopy. <i>Neurobiology of Disease</i> , 2021, 159, 105475.	4.4	5
4	Advanced fluorescence imaging of in situ protein aggregation. <i>Physical Biology</i> , 2020, 17, 021001.	1.8	16
5	Fast Purification of Recombinant Monomeric Amyloid- β^2 from <i>E. coli</i> and Amyloid- β^2 -mCherry Aggregates from Mammalian Cells. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3204-3213.	3.5	4
6	The structure and global distribution of the endoplasmic reticulum network are actively regulated by lysosomes. <i>Science Advances</i> , 2020, 6, .	10.3	58
7	Intramitochondrial proteostasis is directly coupled to α -synuclein and amyloid β^{1-42} pathologies. <i>Journal of Biological Chemistry</i> , 2020, 295, 10138-10152.	3.4	22
8	Live-cell super-resolution microscopy reveals a primary role for diffusion in polyglutamine-driven aggregates assembly. <i>Journal of Biological Chemistry</i> , 2019, 294, 257-268.	3.4	27
9	Structural progression of amyloid- β^2 Arctic mutant aggregation in cells revealed by multiparametric imaging. <i>Journal of Biological Chemistry</i> , 2019, 294, 1478-1487.	3.4	31
10	Intrinsically aggregation-prone proteins form amyloid-like aggregates and contribute to tissue aging in <i>Caenorhabditis elegans</i> . <i>ELife</i> , 2019, 8, .	6.0	51
11	Isolation and Imaging of His- and RFP-tagged Amyloid-like Proteins from <i>Caenorhabditis elegans</i> by TEM and SIM. <i>Bio-protocol</i> , 2019, 9, e3408.	0.4	0
12	Fluorescence Self-Quenching from Reporter Dyes Informs on the Structural Properties of Amyloid Clusters Formed in Vitro and in Cells. <i>Nano Letters</i> , 2017, 17, 143-149.	9.1	55
13	Expression-level dependent perturbation of cell proteostasis and nuclear morphology by aggregation-prone polyglutamine proteins. <i>Biotechnology and Bioengineering</i> , 2015, 112, 1883-1892.	3.3	10
14	Long Term Aggresome Accumulation Leads to DNA Damage, p53-dependent Cell Cycle Arrest, and Steric Interference in Mitosis. <i>Journal of Biological Chemistry</i> , 2015, 290, 27986-28000.	3.4	21