

# Luke McAlary

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

896  
citations

471371

17  
h-index

642610

23  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1370  
citing authors

#	ARTICLE	IF	CITATIONS
1	CuATSM improves motor function and extends survival but is not tolerated at a high dose in SOD1G93A mice with a C57BL/6 background. <i>Scientific Reports</i> , 2021, 11, 19392.	1.6	9
2	The microglial NLRP3 inflammasome is activated by amyotrophic lateral sclerosis proteins. <i>Glia</i> , 2020, 68, 407-421.	2.5	133
3	Trajectory Taken by Dimeric Cu/Zn Superoxide Dismutase through the Protein Unfolding and Dissociation Landscape Is Modulated by Salt Bridge Formation. <i>Analytical Chemistry</i> , 2020, 92, 1702-1711.	3.2	9
4	The prion-like nature of amyotrophic lateral sclerosis. <i>Progress in Molecular Biology and Translational Science</i> , 2020, 175, 261-296.	0.9	14
5	Neurodegenerative disease-associated protein aggregates are poor inducers of the heat shock response in neuronal cells. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	6
6	Ubiquitin Homeostasis Is Disrupted in TDP-43 and FUS Cell Models of ALS. <i>IScience</i> , 2020, 23, 101700.	1.9	28
7	Amyotrophic Lateral Sclerosis: Proteins, Proteostasis, Prions, and Promises. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 581907.	1.8	25
8	Cerebrovascular amyloid Angiopathy in bioengineered vessels is reduced by high-density lipoprotein particles enriched in Apolipoprotein E. <i>Molecular Neurodegeneration</i> , 2020, 15, 23.	4.4	19
9	Tryptophan residue 32 in human Cu-Zn superoxide dismutase modulates prion-like propagation and strain selection. <i>PLoS ONE</i> , 2020, 15, e0227655.	1.1	22
10	Proteome Homeostasis Dysfunction: A Unifying Principle in ALS Pathogenesis. <i>Trends in Neurosciences</i> , 2020, 43, 274-284.	4.2	47
11	Thulium oxide nanoparticles as radioenhancers for the treatment of metastatic cutaneous squamous cell carcinoma. <i>Physics in Medicine and Biology</i> , 2020, 65, 215018.	1.6	6
12	Emerging Developments in Targeting Proteotoxicity in Neurodegenerative Diseases. <i>CNS Drugs</i> , 2019, 33, 883-904.	2.7	23
13	Prion-Like Propagation of Protein Misfolding and Aggregation in Amyotrophic Lateral Sclerosis. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 262.	1.4	101
14	CuATSM Protects Against the <i>In Vitro</i> Cytotoxicity of Wild-Type-Like Copper-Zinc Superoxide Dismutase Mutants but not Mutants That Disrupt Metal Binding. <i>ACS Chemical Neuroscience</i> , 2019, 10, 1555-1564.	1.7	21
15	CNS-derived extracellular vesicles from superoxide dismutase 1 (SOD1)G93A ALS mice originate from astrocytes and neurons and carry misfolded SOD1. <i>Journal of Biological Chemistry</i> , 2019, 294, 3744-3759.	1.6	97
16	Strategies to promote the maturation of ALS-associated SOD1 mutants: small molecules return to the fold. <i>Neural Regeneration Research</i> , 2019, 14, 1511.	1.6	9
17	The cysteine-reactive small molecule ebselen facilitates effective SOD1 maturation. <i>Nature Communications</i> , 2018, 9, 1693.	5.8	71
18	Tryptophan <sup>32</sup> -mediated SOD1 aggregation is attenuated by pyrimidine-like compounds in living cells. <i>Scientific Reports</i> , 2018, 8, 15590.	1.6	32

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19	SOD1A4V aggregation alters ubiquitin homeostasis in a cell model of ALS. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	39
20	Flow cytometric measurement of the cellular propagation of TDP-43 aggregation. <i>Prion</i> , 2017, 11, 195-204.	0.9	32
21	Susceptibility of Mutant SOD1 to Form a Destabilized Monomer Predicts Cellular Aggregation and Toxicity but Not In vitro Aggregation Propensity. <i>Frontiers in Neuroscience</i> , 2016, 10, 499.	1.4	75
22	Rapid flow cytometric measurement of protein inclusions and nuclear trafficking. <i>Scientific Reports</i> , 2016, 6, 31138.	1.6	31
23	Glutathionylation potentiates benign superoxide dismutase 1 variants to the toxic forms associated with amyotrophic lateral sclerosis. <i>Scientific Reports</i> , 2013, 3, 3275.	1.6	41