

Vidhya Bharathi

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

582
citations

1478280

6
h-index

1474057

9
g-index

12
all docs

12
docs citations

12
times ranked

870
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Mechanisms of TDP-43 Misfolding and Pathology in Amyotrophic Lateral Sclerosis. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 25.	1.4	459
2	Use of <i>ade1</i> and <i>ade2</i> mutations for development of a versatile red/white colour assay of amyloid-induced oxidative stress in <i>saccharomyces cerevisiae</i> . <i>Yeast</i> , 2016, 33, 607-620.	0.8	31
3	The amyloidogenicity of a C-terminal region of TDP-43 implicated in Amyotrophic Lateral Sclerosis can be affected by anions, acetylation and homodimerization. <i>Biochimie</i> , 2018, 150, 76-87.	1.3	24
4	Computational insights into mechanism of AIM4-mediated inhibition of aggregation of TDP-43 protein implicated in ALS and evidence for in vitro inhibition of liquid-liquid phase separation (LLPS) of TDP-432C-A315T by AIM4. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 117-130.	3.6	22
5	Amyloid-like aggregation of bovine serum albumin at physiological temperature induced by cross-seeding effect of HEWL amyloid aggregates. <i>Biophysical Chemistry</i> , 2021, 278, 106678.	1.5	17
6	Role of CNC1 gene in TDP-43 aggregation-induced oxidative stress-mediated cell death in <i>S. cerevisiae</i> model of ALS. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118993.	1.9	11
7	Zn ²⁺ modulates in vitro phase separation of TDP-432C and mutant TDP-432C-A315T C-terminal fragments of TDP-43 protein implicated in ALS and FTLTDP diseases. <i>International Journal of Biological Macromolecules</i> , 2021, 176, 186-200.	3.6	7
8	A Protocol of Using White/Red Color Assay to Measure Amyloid-induced Oxidative Stress in <i>Saccharomyces cerevisiae</i> . <i>Bio-protocol</i> , 2017, 7, e2440.	0.2	6
9	Elevated constitutive expression of Hsp40 chaperone Sis1 reduces TDP-43 aggregation-induced oxidative stress in Ire1 pathway dependent-manner in yeast TDP-43 proteinopathy model of amyotrophic lateral sclerosis. <i>Biochemical and Biophysical Research Communications</i> , 2022, 595, 28-34.	1.0	5
10	TDP-43 proteinopathy mechanisms from non-mammalian model systems. , 2022, , 153-181.		0