

Gunasekhar Burra

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Metal- and UV- Catalyzed Oxidation Results in Trapped Amyloid-Î² Intermediates Revealing that Self-Assembly Is Required for AÎ²-Induced Cytotoxicity. <i>IScience</i> , 2020, 23, 101537.	4.1	18
2	Inhibition of polyglutamine aggregation by <scp>SIMILAR</scp> huntingtin <scp>N</scp>â€œterminal sequences: Prospective molecules for preclinical evaluation in Huntington's disease. <i>Biopolymers</i> , 2017, 108, e23021.	2.4	12
3	Unaided trifluoroacetic acid pretreatment solubilizes polyglutamine peptides and retains their biophysical properties of aggregation. <i>Analytical Biochemistry</i> , 2016, 494, 23-30.	2.4	11
4	Oxidative Stress Conditions Result in Trapping of PHF-Core Tau (297â€œ391) Intermediates. <i>Cells</i> , 2021, 10, 703.	4.1	9
5	Anhydrous trifluoroacetic acid pretreatment converts insoluble polyglutamine peptides to soluble monomers. <i>Data in Brief</i> , 2015, 5, 1066-1071.	1.0	8
6	Nucleation-dependent Aggregation Kinetics of Yeast Sup35 Fragment GNNQQNY. <i>Journal of Molecular Biology</i> , 2021, 433, 166732.	4.2	8
7	Insights into the molecular mechanism behind solubilization of amyloidogenic polyglutamineâ€œcontaining peptides. <i>Peptide Science</i> , 2019, 111, e24094.	1.8	6
8	Osmolytes modulate polyglutamine aggregation in a sequence dependent manner. <i>Journal of Peptide Science</i> , 2018, 24, e3115.	1.4	5