

Satish Kumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3828946/publications.pdf>

Version: 2024-02-01

14
papers

1,159
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

2345
citing authors

#	ARTICLE	IF	CITATIONS
1	Lysozyme. <i>Advances in Protein Chemistry and Structural Biology</i> , 2011, 84, 63-111.	2.3	205
2	Evidence for a role of the rare p.A152T variant in MAPT in increasing the risk for FTD-spectrum and Alzheimer's diseases. <i>Human Molecular Genetics</i> , 2012, 21, 3500-3512.	2.9	198
3	A mechanistic model of tau amyloid aggregation based on direct observation of oligomers. <i>Nature Communications</i> , 2015, 6, 7025.	12.8	179
4	Extracellular Monomeric Tau Protein Is Sufficient to Initiate the Spread of Tau Protein Pathology. <i>Journal of Biological Chemistry</i> , 2014, 289, 956-967.	3.4	153
5	Oligomer Formation of Tau Protein Hyperphosphorylated in Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 34389-34407.	3.4	132
6	Stages and Conformations of the Tau Repeat Domain during Aggregation and Its Effect on Neuronal Toxicity. <i>Journal of Biological Chemistry</i> , 2014, 289, 20318-20332.	3.4	77
7	How do surfactants and DTT affect the size, dynamics, activity and growth of soluble lysozyme aggregates?. <i>Biochemical Journal</i> , 2008, 415, 275-288.	3.7	72
8	Thioflavin T Displays Enhanced Fluorescence Selectively Inside Anionic Micelles and Mammalian Cells. <i>Journal of Fluorescence</i> , 2008, 18, 1199-1205.	2.5	64
9	Suppression of lysozyme aggregation at alkaline pH by tri-N-acetylchitotriose. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009, 1794, 913-920.	2.3	34
10	Slow aggregation of lysozyme in alkaline pH monitored in real time employing the fluorescence anisotropy of covalently labelled dansyl probe. <i>FEBS Letters</i> , 2006, 580, 2097-2101.	2.8	28
11	Structural perturbation by arsenic triggers the aggregation of hen egg white lysozyme by promoting oligomers formation. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 1108-1114.	7.5	10
12	Deltamethrin modulates the native structure of Hen Egg White Lysozyme and induces its aggregation at physiological pH. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 201, 111646.	5.0	4
13	Identification of different body fluids through novel deep blue autofluorescence. <i>Forensic Science International</i> , 2021, 327, 110976.	2.2	2
14	Bacopa monnieri inhibit hen egg white lysozyme fibrillation and help in retaining its activity at acidic condition. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 38, 1-12.	3.5	1