

Amulya Nidhi Shrivastava

List of Publications by Year in descending order

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15
papers

1,010
citations

758635

12
h-index

1058022

14
g-index

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all docs

16
docs citations

16
times ranked

1876
citing authors

#	ARTICLE	IF	CITATIONS
1	Ligands binding to the prion protein induce its proteolytic release with therapeutic potential in neurodegenerative proteinopathies. <i>Science Advances</i> , 2021, 7, eabj1826.	4.7	18
2	Cell biology and dynamics of Neuronal Na ⁺ /K ⁺ -ATPase in health and diseases. <i>Neuropharmacology</i> , 2020, 169, 107461.	2.0	35
3	Differential Membrane Binding and Seeding of Distinct α -Synuclein Fibrillar Polymorphs. <i>Biophysical Journal</i> , 2020, 118, 1301-1320.	0.2	59
4	Clustering of Tau fibrils impairs the synaptic composition of α -Na ⁺ /K ⁺ -ATPase and AMPA receptors. <i>EMBO Journal</i> , 2019, 38, .	3.5	42
5	Biometrics from Cellular Imaging. <i>Series in Bioengineering</i> , 2019, , 229-252.	0.3	0
6	Physico-Pathologic Mechanisms Involved in Neurodegeneration: Misfolded Protein-Plasma Membrane Interactions. <i>Neuron</i> , 2017, 95, 33-50.	3.8	83
7	Inhibition of group-I metabotropic glutamate receptors protects against prion toxicity. <i>PLoS Pathogens</i> , 2017, 13, e1006733.	2.1	42
8	Data in support of the identification of neuronal and astrocyte proteins interacting with extracellularly applied oligomeric and fibrillar α -synuclein assemblies by mass spectrometry. <i>Data in Brief</i> , 2016, 7, 221-228.	0.5	10
9	α -Synuclein assemblies sequester neuronal α -Na ⁺ /K ⁺ -ATPase and impair Na ⁺ gradient. <i>EMBO Journal</i> , 2015, 34, 2408-2423.	3.5	177
10	Bidirectional Control of Synaptic GABAAR Clustering by Glutamate and Calcium. <i>Cell Reports</i> , 2015, 13, 2768-2780.	2.9	88
11	β -amyloid and ATP-induced diffusional trapping of astrocyte and neuronal metabotropic glutamate type-5 receptors. <i>Glia</i> , 2013, 61, 1673-1686.	2.5	80
12	Dynamic micro-organization of P2X7 receptors revealed by PALM based single particle tracking. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 232.	1.8	25
13	GABAA Receptors: Post-Synaptic Co-Localization and Cross-Talk with Other Receptors. <i>Frontiers in Cellular Neuroscience</i> , 2011, 5, 7.	1.8	47
14	Regulation of GABAA Receptor Dynamics by Interaction with Purinergic P2X2 Receptors. <i>Journal of Biological Chemistry</i> , 2011, 286, 14455-14468.	1.6	31
15	Molecular Biomarkers: Their significance and application in marine pollution monitoring. <i>Ecotoxicology</i> , 2006, 15, 333-340.	1.1	273