

Amulya Nidhi Shrivastava

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,010
citations

759233

12
h-index

1058476

14
g-index

16
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.	10.3	18
2	Cell biology and dynamics of Neuronal Na ⁺ /K ⁺ -ATPase in health and diseases. <i>Neuropharmacology</i> , 2020, 169, 107461.	4.1	35
3	Differential Membrane Binding and Seeding of Distinct α -Synuclein Fibrillar Polymorphs. <i>Biophysical Journal</i> , 2020, 118, 1301-1320.	0.5	59
4	Clustering of Tau fibrils impairs the synaptic composition of α -Na ⁺ /K ⁺ -ATPase and AMPA receptors. <i>EMBO Journal</i> , 2019, 38, .	7.8	42
5	Biometrics from Cellular Imaging. <i>Series in Bioengineering</i> , 2019, , 229-252.	0.6	0
6	Physico-Pathologic Mechanisms Involved in Neurodegeneration: Misfolded Protein-Plasma Membrane Interactions. <i>Neuron</i> , 2017, 95, 33-50.	8.1	83
7	Inhibition of group-I metabotropic glutamate receptors protects against prion toxicity. <i>PLoS Pathogens</i> , 2017, 13, e1006733.	4.7	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.	1.0	10
9	α -Synuclein assemblies sequester neuronal α -Na ⁺ /K ⁺ -ATPase and impair Na ⁺ gradient. <i>EMBO Journal</i> , 2015, 34, 2408-2423.	7.8	177
10	Bidirectional Control of Synaptic GABAAR Clustering by Glutamate and Calcium. <i>Cell Reports</i> , 2015, 13, 2768-2780.	6.4	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.	4.9	80
12	Dynamic micro-organization of P2X7 receptors revealed by PALM based single particle tracking. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 232.	3.7	25
13	GABAA Receptors: Post-Synaptic Co-Localization and Cross-Talk with Other Receptors. <i>Frontiers in Cellular Neuroscience</i> , 2011, 5, 7.	3.7	47
14	Regulation of GABAA Receptor Dynamics by Interaction with Purinergic P2X2 Receptors. <i>Journal of Biological Chemistry</i> , 2011, 286, 14455-14468.	3.4	31
15	Molecular Biomarkers: Their significance and application in marine pollution monitoring. <i>Ecotoxicology</i> , 2006, 15, 333-340.	2.4	273