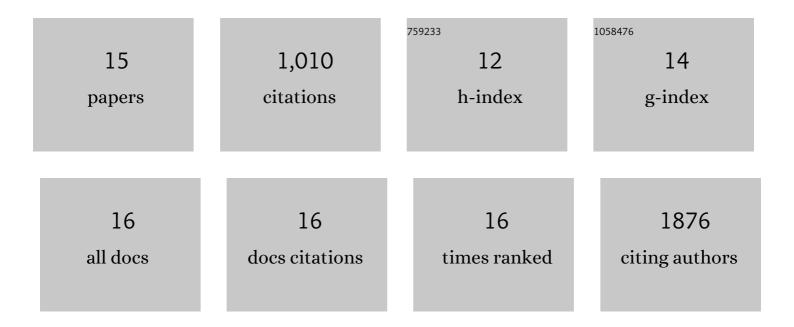
## Amulya Nidhi Shrivastava

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3028635/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Ligands binding to the prion protein induce its proteolytic release with therapeutic potential in neurodegenerative proteinopathies. Science Advances, 2021, 7, eabj1826.	10.3	18
2	Cell biology and dynamics of Neuronal Na+/K+-ATPase in health and diseases. Neuropharmacology, 2020, 169, 107461.	4.1	35
3	Differential Membrane Binding and Seeding of Distinct α-Synuclein Fibrillar Polymorphs. Biophysical Journal, 2020, 118, 1301-1320.	0.5	59
4	Clustering of Tau fibrils impairs the synaptic composition of α3â€Na <sup>+</sup> /K <sup>+</sup> ― <scp>ATP</scp> ase and <scp>AMPA</scp> receptors. EMBO Journal, 2019, 38, .	7.8	42
5	Biometrics from Cellular Imaging. Series in Bioengineering, 2019, , 229-252.	0.6	0
6	Physico-Pathologic Mechanisms Involved in Neurodegeneration: Misfolded Protein-Plasma Membrane Interactions. Neuron, 2017, 95, 33-50.	8.1	83
7	Inhibition of group-I metabotropic glutamate receptors protects against prion toxicity. PLoS Pathogens, 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. Data in Brief, 2016, 7, 221-228.	1.0	10
9	αâ€synuclein assemblies sequester neuronal α3â€Na <sup>+</sup> /K <sup>+</sup> â€ <scp>ATP</scp> ase and <scp>impair</scp> Na <sup>+</sup> gradient. EMBO Journal, 2015, 34, 2408-2423.	7.8	177
10	Bidirectional Control of Synaptic GABAAR Clustering by Glutamate and Calcium. Cell Reports, 2015, 13, 2768-2780.	6.4	88
11	β-amyloid and ATP-induced diffusional trapping of astrocyte and neuronal metabotropic glutamate type-5 receptors. Glia, 2013, 61, 1673-1686.	4.9	80
12	Dynamic micro-organization of P2X7 receptors revealed by PALM based single particle tracking. Frontiers in Cellular Neuroscience, 2013, 7, 232.	3.7	25
13	GABAA Receptors: Post-Synaptic Co-Localization and Cross-Talk with Other Receptors. Frontiers in Cellular Neuroscience, 2011, 5, 7.	3.7	47
14	Regulation of GABAA Receptor Dynamics by Interaction with Purinergic P2X2 Receptors. Journal of Biological Chemistry, 2011, 286, 14455-14468.	3.4	31
15	Molecular Biomarkers: Their significance and application in marine pollution monitoring. Ecotoxicology, 2006, 15, 333-340.	2.4	273