

# Amulya Nidhi Shrivastava

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3028635/publications.pdf>

Version: 2024-02-01

15  
papers

1,010  
citations

758635

12  
h-index

1058022

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1876  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Biomarkers: Their significance and application in marine pollution monitoring. <i>Ecotoxicology</i> , 2006, 15, 333-340.	1.1	273
2	$\alpha$ -Synuclein assemblies sequester neuronal $\text{Na}^+/\text{K}^+$ -ATPase and impair $\text{Na}^+$ gradient. <i>EMBO Journal</i> , 2015, 34, 2408-2423.	3.5	177
3	Bidirectional Control of Synaptic GABAAR Clustering by Glutamate and Calcium. <i>Cell Reports</i> , 2015, 13, 2768-2780.	2.9	88
4	Physico-Pathologic Mechanisms Involved in Neurodegeneration: Misfolded Protein-Plasma Membrane Interactions. <i>Neuron</i> , 2017, 95, 33-50.	3.8	83
5	$\beta$ -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
6	Differential Membrane Binding and Seeding of Distinct $\alpha$ -Synuclein Fibrillar Polymorphs. <i>Biophysical Journal</i> , 2020, 118, 1301-1320.	0.2	59
7	GABAA Receptors: Post-Synaptic Co-Localization and Cross-Talk with Other Receptors. <i>Frontiers in Cellular Neuroscience</i> , 2011, 5, 7.	1.8	47
8	Inhibition of group-I metabotropic glutamate receptors protects against prion toxicity. <i>PLoS Pathogens</i> , 2017, 13, e1006733.	2.1	42
9	Clustering of Tau fibrils impairs the synaptic composition of $\text{Na}^+/\text{K}^+$ -ATPase and AMPA receptors. <i>EMBO Journal</i> , 2019, 38, .	3.5	42
10	Cell biology and dynamics of Neuronal $\text{Na}^+/\text{K}^+$ -ATPase in health and diseases. <i>Neuropharmacology</i> , 2020, 169, 107461.	2.0	35
11	Regulation of GABAA Receptor Dynamics by Interaction with Purinergic P2X2 Receptors. <i>Journal of Biological Chemistry</i> , 2011, 286, 14455-14468.	1.6	31
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	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
14	Data in support of the identification of neuronal and astrocyte proteins interacting with extracellularly applied oligomeric and fibrillar $\alpha$ -synuclein assemblies by mass spectrometry. <i>Data in Brief</i> , 2016, 7, 221-228.	0.5	10
15	Biometrics from Cellular Imaging. <i>Series in Bioengineering</i> , 2019, , 229-252.	0.3	0