

# Sreeganga S Chandra

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

3,335  
citations

567144

15  
h-index

839398

18  
g-index

23  
all docs

23  
docs citations

23  
times ranked

3750  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of substrates of palmitoyl protein thioesterase 1 highlights roles of depalmitoylation in disulfide bond formation and synaptic function. <i>PLoS Biology</i> , 2022, 20, e3001590.	2.6	19
2	A Markov random field model-based approach for differentially expressed gene detection from single-cell RNA-seq data. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	3
3	Role of the endolysosomal system in Parkinson's disease. <i>Journal of Neurochemistry</i> , 2019, 150, 487-506.	2.1	98
4	Hsp110 mitigates $\alpha$ -synuclein pathology in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24310-24316.	3.3	44
5	A <i>Drosophila</i> model of neuronal ceroid lipofuscinosis CLN4 reveals a hypermorphic gain of function mechanism. <i>ELife</i> , 2019, 8, .	2.8	14
6	Synucleins Have Multiple Effects on Presynaptic Architecture. <i>Cell Reports</i> , 2017, 18, 161-173.	2.9	120
7	Glucosylsphingosine Promotes $\alpha$ -Synuclein Pathology in Mutant GBA-Associated Parkinson's Disease. <i>Journal of Neuroscience</i> , 2017, 37, 9617-9631.	1.7	180
8	The Role of Co-chaperones in Synaptic Proteostasis and Neurodegenerative Disease. <i>Frontiers in Neuroscience</i> , 2017, 11, 248.	1.4	103
9	Neuronal ceroid lipofuscinosis with DNAJC5/CSP $\alpha$ mutation has PPT1 pathology and exhibit aberrant protein palmitoylation. <i>Acta Neuropathologica</i> , 2016, 131, 621-637.	3.9	71
10	Synucleins Regulate the Kinetics of Synaptic Vesicle Endocytosis. <i>Journal of Neuroscience</i> , 2014, 34, 9364-9376.	1.7	237
11	Oligomerization of Cysteine String Protein alpha mutants causing adult neuronal ceroid lipofuscinosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 2136-2146.	1.8	32
12	Monomeric Synucleins Generate Membrane Curvature. <i>Journal of Biological Chemistry</i> , 2013, 288, 1829-1840.	1.6	158
13	Identification of CSP $\alpha$ Clients Reveals a Role in Dynamin 1 Regulation. <i>Neuron</i> , 2012, 74, 136-150.	3.8	78
14	Functional Alterations to the Nigrostriatal System in Mice Lacking All Three Members of the Synuclein Family. <i>Journal of Neuroscience</i> , 2011, 31, 7264-7274.	1.7	158
15	$\alpha$ - $\beta$ - $\gamma$ -Synuclein triple knockout mice reveal age-dependent neuronal dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19573-19578.	3.3	261
16	$\alpha$ -Synuclein Cooperates with CSP $\alpha$ in Preventing Neurodegeneration. <i>Cell</i> , 2005, 123, 383-396.	13.5	895
17	Double-knockout mice for $\alpha$ - and $\beta$ -synucleins: Effect on synaptic functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 14966-14971.	3.3	392
18	A Broken $\alpha$ -Helix in Folded $\alpha$ -Synuclein. <i>Journal of Biological Chemistry</i> , 2003, 278, 15313-15318.	1.6	453