

Jobin Varkey

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

896
citations

13
h-index

17
g-index

17
ext. papers

1,043
ext. citations

7.2
avg, IF

3.92
L-index

#	Paper	IF	Citations
17	Membrane curvature induction and tubulation are common features of synucleins and apolipoproteins. <i>Journal of Biological Chemistry</i> , 2010 , 285, 32486-93	5.4	231
16	Pericyte degeneration causes white matter dysfunction in the mouse central nervous system. <i>Nature Medicine</i> , 2018 , 24, 326-337	50.5	211
15	Remodeling of lipid vesicles into cylindrical micelles by β synuclein in an extended β helical conformation. <i>Journal of Biological Chemistry</i> , 2012 , 287, 29301-11	5.4	86
14	Antibacterial activity of human neutrophil defensin HNP-1 analogs without cysteines. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 4561-6	5.9	79
13	Hydration dynamics as an intrinsic ruler for refining protein structure at lipid membrane interfaces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 16838-43	11.5	60
12	β Synuclein oligomers with broken helical conformation form lipoprotein nanoparticles. <i>Journal of Biological Chemistry</i> , 2013 , 288, 17620-30	5.4	54
11	β Synuclein Amyloid Fibrils with Two Entwined, Asymmetrically Associated Protofibrils. <i>Journal of Biological Chemistry</i> , 2016 , 291, 2310-8	5.4	41
10	Membranes as modulators of amyloid protein misfolding and target of toxicity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018 , 1860, 1863-1875	3.8	26
9	Gene co-expression network analysis for identifying genetic markers in Parkinson's disease - a three-way comparative approach. <i>Genomics</i> , 2019 , 111, 819-830	4.3	22
8	Antibacterial activity of linear peptides spanning the carboxy-terminal beta-sheet domain of arthropod defensins. <i>Peptides</i> , 2006 , 27, 2614-23	3.8	22
7	E46K-like β Synuclein mutants increase lipid interactions and disrupt membrane selectivity. <i>Journal of Biological Chemistry</i> , 2019 , 294, 9799-9812	5.4	20
6	Early sodium dodecyl sulfate induced collapse of β Synuclein correlates with its amyloid formation. <i>ACS Chemical Neuroscience</i> , 2015 , 6, 239-46	5.7	17
5	Construction of Parkinson's disease marker-based weighted protein-protein interaction network for prioritization of co-expressed genes. <i>Gene</i> , 2019 , 697, 67-77	3.8	13
4	Membrane remodeling by amyloidogenic and non-amyloidogenic proteins studied by EPR. <i>Journal of Magnetic Resonance</i> , 2017 , 280, 127-139	3	8
3	Structural Model of the Proline-Rich Domain of Huntingtin Exon-1 Fibrils. <i>Biophysical Journal</i> , 2020 , 119, 2019-2028	2.9	4
2	An Amphipathic Alpha-Helix Domain from Poliovirus 2C Protein Tubulate Lipid Vesicles. <i>Viruses</i> , 2020 , 12,	6.2	2
1	β Synuclein Amyloid Fibrils Formed of Two Protofibrils. <i>Microscopy and Microanalysis</i> , 2015 , 21, 1285-1286.	6.5	2

