

Balachandra G Hegde

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7409753/publications.pdf>

Version: 2024-02-01

16
papers

1,585
citations

623574

14
h-index

940416

16
g-index

16
all docs

16
docs citations

16
times ranked

2383
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of membrane-bound $\hat{\alpha}$ -synuclein from site-directed spin labeling and computational refinement. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19666-19671.	3.3	443
2	Structure and Analysis of FCHo2 F-BAR Domain: A Dimerizing and Membrane Recruitment Module that Effects Membrane Curvature. Structure, 2007, 15, 839-852.	1.6	261
3	Fibril Structure of Human Islet Amyloid Polypeptide. Journal of Biological Chemistry, 2012, 287, 5235-5241.	1.6	142
4	A Combinatorial NMR and EPR Approach for Evaluating the Structural Ensemble of Partially Folded Proteins. Journal of the American Chemical Society, 2010, 132, 8657-8668.	6.6	137
5	Remodeling of Lipid Vesicles into Cylindrical Micelles by $\hat{\alpha}$ -Synuclein in an Extended $\hat{\alpha}$ -Helical Conformation. Journal of Biological Chemistry, 2012, 287, 29301-29311.	1.6	99
6	Evidence for a Triplex DNA Conformation at the bcl-2 Major Breakpoint Region of the t(14;18) Translocation. Journal of Biological Chemistry, 2005, 280, 22749-22760.	1.6	84
7	Endophilin A1 induces different membrane shapes using a conformational switch that is regulated by phosphorylation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6982-6987.	3.3	79
8	$\hat{\alpha}$ -Synuclein Oligomers with Broken Helical Conformation Form Lipoprotein Nanoparticles. Journal of Biological Chemistry, 2013, 288, 17620-17630.	1.6	64
9	Roles of Amphipathic Helices and the Bin/Amphiphysin/Rvs (BAR) Domain of Endophilin in Membrane Curvature Generation. Journal of Biological Chemistry, 2010, 285, 20164-20170.	1.6	63
10	Computer modeling of nitroxide spin labels on proteins. Biopolymers, 2012, 97, 35-44.	1.2	61
11	Analysis of secondary structure and self-assembly of amelogenin by variable temperature circular dichroism and isothermal titration calorimetry. Proteins: Structure, Function and Bioinformatics, 2009, 76, 560-569.	1.5	51
12	Structural Insights into Membrane Interaction and Caveolar Targeting of Dynamin-like EHD2. Structure, 2014, 22, 409-420.	1.6	41
13	Structural insights into the activation mechanism of dynamin-like EHD ATPases. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5629-5634.	3.3	34
14	Stability and Strand Asymmetry in the Non-B DNA Structure at the bcl-2 Major Breakpoint Region. Journal of Biological Chemistry, 2004, 279, 46213-46225.	1.6	24
15	Cyclotron-phonon resonance power absorption in free standing nanostructure of transparent conducting oxides. Physica B: Condensed Matter, 2021, 612, 412864.	1.3	1
16	Na-montmorillonite to Fe(II)-Mt using ferrous citrate/ascorbate obtained by dissolving iron powder. Applied Clay Science, 2022, 217, 106396.	2.6	1