

# Balachandra G Hegde

## List of Publications by Year in Descending Order

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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.

16  
papers

1,350  
citations

14  
h-index

16  
g-index

16  
ext. papers

1,492  
ext. citations

6.5  
avg, IF

3.96  
L-index

#	Paper	IF	Citations
16	Na-montmorillonite to Fe(II)-Mt using ferrous citrate/ascorbate obtained by dissolving iron powder. <i>Applied Clay Science</i> , <b>2022</b> , 217, 106396	5.2	
15	Cyclotron-phonon resonance power absorption in free standing nanostructure of transparent conducting oxides. <i>Physica B: Condensed Matter</i> , <b>2021</b> , 612, 412864	2.8	1
14	Structural insights into the activation mechanism of dynamin-like EHD ATPases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 5629-5634	11.5	25
13	Structural insights into membrane interaction and caveolar targeting of dynamin-like EHD2. <i>Structure</i> , <b>2014</b> , 22, 409-420	5.2	30
12	Endophilin A1 induces different membrane shapes using a conformational switch that is regulated by phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 6982-7	11.5	69
11	β-synuclein oligomers with broken helical conformation form lipoprotein nanoparticles. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 17620-30	5.4	54
10	Computer modeling of nitroxide spin labels on proteins. <i>Biopolymers</i> , <b>2012</b> , 97, 35-44	2.2	50
9	Remodeling of lipid vesicles into cylindrical micelles by β-synuclein in an extended β-helical conformation. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 29301-11	5.4	86
8	Fibril structure of human islet amyloid polypeptide. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 5235-41	5.4	122
7	Roles of amphipathic helices and the bin/amphiphysin/rvs (BAR) domain of endophilin in membrane curvature generation. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 20164-70	5.4	58
6	A combinatorial NMR and EPR approach for evaluating the structural ensemble of partially folded proteins. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 8657-68	16.4	109
5	Analysis of secondary structure and self-assembly of amelogenin by variable temperature circular dichroism and isothermal titration calorimetry. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2009</b> , 76, 560-9	4.2	47
4	Structure of membrane-bound alpha-synuclein from site-directed spin labeling and computational refinement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 19666-71	11.5	380
3	Structure and analysis of FCHO2 F-BAR domain: a dimerizing and membrane recruitment module that effects membrane curvature. <i>Structure</i> , <b>2007</b> , 15, 839-52	5.2	225
2	Evidence for a triplex DNA conformation at the bcl-2 major breakpoint region of the t(14;18) translocation. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 22749-60	5.4	74
1	Stability and strand asymmetry in the non-B DNA structure at the bcl-2 major breakpoint region. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 46213-25	5.4	20