

# Balachandra G Hegde

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7409753/balachandra-g-hegde-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
15	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
14	Fibril structure of human islet amyloid polypeptide. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 5235-41	5.4	122
13	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
12	Remodeling of lipid vesicles into cylindrical micelles by $\beta$ synuclein in an extended $\beta$ helical conformation. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 29301-11	5.4	86
11	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
10	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
9	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
8	$\beta$ Synuclein oligomers with broken helical conformation form lipoprotein nanoparticles. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 17620-30	5.4	54
7	Computer modeling of nitroxide spin labels on proteins. <i>Biopolymers</i> , <b>2012</b> , 97, 35-44	2.2	50
6	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
5	Structural insights into membrane interaction and caveolar targeting of dynamin-like EHD2. <i>Structure</i> , <b>2014</b> , 22, 409-420	5.2	30
4	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
3	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
2	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
1	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	