

# Sagar Bhogaraju

## List of Publications by Citations

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23  
papers

1,501  
citations

17  
h-index

24  
g-index

24  
ext. papers

1,866  
ext. citations

18.2  
avg, IF

4.47  
L-index

#	Paper	IF	Citations
23	PLEKHM1 regulates autophagosome-lysosome fusion through HOPS complex and LC3/GABARAP proteins. <i>Molecular Cell</i> , <b>2015</b> , 57, 39-54	17.6	311
22	Molecular basis of tubulin transport within the cilium by IFT74 and IFT81. <i>Science</i> , <b>2013</b> , 341, 1009-12	33.3	200
21	Phosphoribosylation of Ubiquitin Promotes Serine Ubiquitination and Impairs Conventional Ubiquitination. <i>Cell</i> , <b>2016</b> , 167, 1636-1649.e13	56.2	157
20	Architecture and function of IFT complex proteins in ciliogenesis. <i>Differentiation</i> , <b>2012</b> , 83, S12-22	3.5	136
19	Intraflagellar transport proteins 172, 80, 57, 54, 38, and 20 form a stable tubulin-binding IFT-B2 complex. <i>EMBO Journal</i> , <b>2016</b> , 35, 773-90	13	116
18	Intraflagellar transport complex structure and cargo interactions. <i>Cilia</i> , <b>2013</b> , 2, 10	5.5	85
17	Crystal structure of the intraflagellar transport complex 25/27. <i>EMBO Journal</i> , <b>2011</b> , 30, 1907-18	13	84
16	Bacteria-host relationship: ubiquitin ligases as weapons of invasion. <i>Cell Research</i> , <b>2016</b> , 26, 499-510	24.7	72
15	Inhibition of bacterial ubiquitin ligases by SidJ-calmodulin catalysed glutamylation. <i>Nature</i> , <b>2019</b> , 572, 382-386	50.4	58
14	Biochemical mapping of interactions within the intraflagellar transport (IFT) B core complex: IFT52 binds directly to four other IFT-B subunits. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 26344-52	5.4	58
13	Insights into catalysis and function of phosphoribosyl-linked serine ubiquitination. <i>Nature</i> , <b>2018</b> , 557, 734-738	50.4	48
12	Regulation of Phosphoribosyl-Linked Serine Ubiquitination by Deubiquitinases DupA and DupB. <i>Molecular Cell</i> , <b>2020</b> , 77, 164-179.e6	17.6	43
11	Structural basis for the recognition and degradation of host TRIM proteins by Salmonella effector SopA. <i>Nature Communications</i> , <b>2017</b> , 8, 14004	17.4	32
10	Getting tubulin to the tip of the cilium: one IFT train, many different tubulin cargo-binding sites?. <i>BioEssays</i> , <b>2014</b> , 36, 463-7	4.1	31
9	Circularly permuted GTPase YqeH binds 30S ribosomal subunit: Implications for its role in ribosome assembly. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 386, 602-6	3.4	19
8	A General Approach Towards Triazole-Linked Adenosine Diphosphate Ribosylated Peptides and Proteins. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 1659-1662	16.4	18
7	Cell biology: Ubiquitination without E1 and E2 enzymes. <i>Nature</i> , <b>2016</b> , 533, 43-4	50.4	17

6	Purification and crystal structure of human ODA16: Implications for ciliary import of outer dynein arms by the intraflagellar transport machinery. <i>Protein Science</i> , <b>2020</b> , 29, 1502-1510	6.3	6
5	A General Approach Towards Triazole-Linked Adenosine Diphosphate Ribosylated Peptides and Proteins. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 1675-1678	3.6	3
4	Crystal structure of a Chlamydomonas reinhardtii flagellar RabGAP TBC-domain at 1.8 Å resolution. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2014</b> , 82, 2282-7	4.2	3
3	Crystal structure of tetrameric human Rabin8 GEF domain. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2018</b> , 86, 405-413	4.2	2
2	A peek into the atomic details of thalidomide's clinical effects. <i>Nature Structural and Molecular Biology</i> , <b>2014</b> , 21, 739-40	17.6	2
1	Structural basis for protein glutamylation by the Legionella pseudokinase SidJ. <i>Nature Communications</i> , <b>2021</b> , 12, 6174	17.4	0