Sagar Bhogaraju

List of Publications by Year in Descending Order

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	Structural basis for protein glutamylation by the Legionella pseudokinase SidJ. *Nature Communications*, **2021**, 12, 6174	17.4	0
22	Purification and crystal structure of human ODA16: Implications for ciliary import of outer dynein arms by the intraflagellar transport machinery. *Protein Science*, **2020**, 29, 1502-1510	6.3	6
21	Regulation of Phosphoribosyl-Linked Serine Ubiquitination by Deubiquitinases DupA and DupB. *Molecular Cell*, **2020**, 77, 164-179.e6	17.6	43
20	Inhibition of bacterial ubiquitin ligases by SidJ-calmodulin catalysed glutamylation. *Nature*, **2019**, 572, 382-386	50.4	58
19	A General Approach Towards Triazole-Linked Adenosine Diphosphate Ribosylated Peptides and Proteins. *Angewandte Chemie*, **2018**, 130, 1675-1678	3.6	3
18	Crystal structure of tetrameric human Rabin8 GEF domain. *Proteins: Structure, Function and Bioinformatics*, **2018**, 86, 405-413	4.2	2
17	A General Approach Towards Triazole-Linked Adenosine Diphosphate Ribosylated Peptides and Proteins. *Angewandte Chemie - International Edition*, **2018**, 57, 1659-1662	16.4	18
16	Insights into catalysis and function of phosphoribosyl-linked serine ubiquitination. *Nature*, **2018**, 557, 734-738	50.4	48
15	Structural basis for the recognition and degradation of host TRIM proteins by Salmonella effector SopA. *Nature Communications*, **2017**, 8, 14004	17.4	32
14	Intraflagellar transport proteins 172, 80, 57, 54, 38, and 20 form a stable tubulin-binding IFT-B2 complex. *EMBO Journal*, **2016**, 35, 773-90	13	116
13	Bacteria-host relationship: ubiquitin ligases as weapons of invasion. *Cell Research*, **2016**, 26, 499-510	24.7	72
12	Phosphoribosylation of Ubiquitin Promotes Serine Ubiquitination and Impairs Conventional Ubiquitination. *Cell*, **2016**, 167, 1636-1649.e13	56.2	157
11	Cell biology: Ubiquitination without E1 and E2 enzymes. *Nature*, **2016**, 533, 43-4	50.4	17
10	PLEKHM1 regulates autophagosome-lysosome fusion through HOPS complex and LC3/GABARAP proteins. *Molecular Cell*, **2015**, 57, 39-54	17.6	311
9	Crystal structure of a Chlamydomonas reinhardtii flagellar RabGAP TBC-domain at 1.8 Å resolution. *Proteins: Structure, Function and Bioinformatics*, **2014**, 82, 2282-7	4.2	3
8	A peek into the atomic details of thalidomide's clinical effects. *Nature Structural and Molecular Biology*, **2014**, 21, 739-40	17.6	2
7	Getting tubulin to the tip of the cilium: one IFT train, many different tubulin cargo-binding sites?. *BioEssays*, **2014**, 36, 463-7	4.1	31

6	Molecular basis of tubulin transport within the cilium by IFT74 and IFT81. *Science*, **2013**, 341, 1009-12	33.3	200
5	Intraflagellar transport complex structure and cargo interactions. *Cilia*, **2013**, 2, 10	5.5	85
4	Architecture and function of IFT complex proteins in ciliogenesis. *Differentiation*, **2012**, 83, S12-22	3.5	136
3	Crystal structure of the intraflagellar transport complex 25/27. *EMBO Journal*, **2011**, 30, 1907-18	13	84
2	Biochemical mapping of interactions within the intraflagellar transport (IFT) B core complex: IFT52 binds directly to four other IFT-B subunits. *Journal of Biological Chemistry*, **2011**, 286, 26344-52	5.4	58
1	Circularly permuted GTPase YqeH binds 30S ribosomal subunit: Implications for its role in ribosome assembly. *Biochemical and Biophysical Research Communications*, **2009**, 386, 602-6	3.4	19