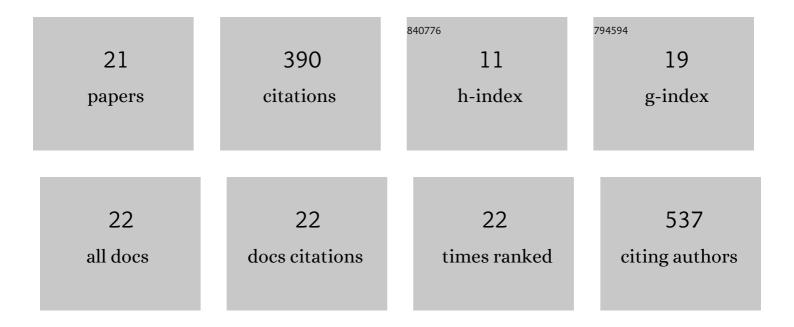
Sudipta Bhattacharyya

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Stereoselective synthesis of tri-substituted tetrahydrothiophenes and their <i>in silico</i> binding against mycobacterial protein tyrosine phosphatase B. Organic and Biomolecular Chemistry, 2022, , .	2.8	0
2	Effective Synthesis and Biological Evaluation of Natural and Designed Bis(indolyl)methanes via Taurine-Catalyzed Green Approach. ACS Omega, 2022, 7, 10438-10446.	3.5	23
3	The Câ€ŧerminal end of mycobacterial HadBC regulates AcpM interaction during the FASâ€II pathway: a structural perspective. FEBS Journal, 2022, 289, 4963-4980.	4.7	2
4	Anti-SARS-CoV-2 potential of Cissampelos pareira L. identified by connectivity map-based analysis and in vitro studies. BMC Complementary Medicine and Therapies, 2022, 22, 114.	2.7	4
5	A "Drug Sweeping―State of the TriABC Triclosan Efflux Pump from Pseudomonas aeruginosa. Structure, 2021, 29, 261-274.e6.	3.3	11
6	Design, Synthesis, and Biological Evaluation of Densely Substituted Dihydropyrano[2,3- <i>c</i>]pyrazoles <i>via</i> a Taurine-Catalyzed Green Multicomponent Approach. ACS Omega, 2021, 6, 30734-30742.	3.5	20
7	Elucidation of the mechanism of disulfide exchange between staphylococcal thioredoxin2 and thioredoxin reductase2: A structural insight. Biochimie, 2019, 160, 1-13.	2.6	1
8	Archaeal <scp>DNA</scp> on the histone merryâ€goâ€round. FEBS Journal, 2018, 285, 3168-3174.	4.7	13
9	Structure of histone-based chromatin in Archaea. Science, 2017, 357, 609-612.	12.6	149
10	Structural elucidation of the NADP(H) phosphatase activity of staphylococcal dual-specific IMPase/NADP(H) phosphatase. Acta Crystallographica Section D: Structural Biology, 2016, 72, 281-290.	2.3	3
11	Macroscopic amyloid fiber formation by staphylococcal biofilm associated SuhB protein. Biophysical Chemistry, 2016, 217, 32-41.	2.8	23
12	Structural elucidation of the binding site and mode of inhibition of Li ⁺ and Mg ²⁺ in inositol monophosphatase. FEBS Journal, 2014, 281, 5309-5324.	4.7	20
13	Design, synthesis and characterization of novel inhibitors against mycobacterial Î ² -ketoacyl CoA reductase FabG4. Organic and Biomolecular Chemistry, 2014, 12, 73-85.	2.8	14
14	Crystal structure of hexanoyl-CoA bound to β-ketoacyl reductase FabG4 of <i>Mycobacterium tuberculosis</i> . Biochemical Journal, 2013, 450, 127-139.	3.7	34
15	A structurally novel hemopexin fold protein of rice plays role in chlorophyll degradation. Biochemical and Biophysical Research Communications, 2012, 420, 862-868.	2.1	10
16	Crystal structure and fluorescence studies reveal the role of helical dimeric interface of staphylococcal fabg1 in positive cooperativity for NADPH. Proteins: Structure, Function and Bioinformatics, 2012, 80, 1250-1257.	2.6	29
17	Crystal structure of Staphylococcal dual specific inositol monophosphatase/NADP(H) phosphatase (SAS2203) delineates the molecular basis of substrate specificity. Biochimie, 2012, 94, 879-890.	2.6	13
18	Crystallization and preliminary X-ray diffraction analysis of the high molecular weight ketoacyl reductase FabG4 complexed with NADH. Acta Crystallographica Section F: Structural Biology Communications, 2012, 68, 786-789.	0.7	4

#	Article	IF	CITATIONS
19	Crystal structure of FabG4 from Mycobacterium tuberculosis reveals the importance of C-terminal residues in ketoreductase activity. Journal of Structural Biology, 2011, 174, 147-155.	2.8	15
20	Cloning, overexpression, purification, crystallization and preliminary X-ray diffraction analysis of an inositol monophosphatase family protein (SAS2203) from <i>Staphylococcus aureus</i> MSSA476. Acta Crystallographica Section F: Structural Biology Communications, 2011, 67, 471-474.	0.7	2
21	Cloning, overexpression, purification, crystallization and preliminary X-ray diffraction analysis of an atypical two-cysteine peroxiredoxin (SAOUHSC_01822) fromStaphylococcus aureusNCTC 8325. Acta Crystallographica Section F: Structural Biology Communications, 2009, 65, 1113-1115.	0.7	0