

Sudipta Bhattacharyya

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1809908/publications.pdf>

Version: 2024-02-01

21
papers

390
citations

840776

11
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

537
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of histone-based chromatin in Archaea. <i>Science</i> , 2017, 357, 609-612.	12.6	149
2	Crystal structure of hexanoyl-CoA bound to β^2 -ketoacyl reductase FabG4 of <i>Mycobacterium tuberculosis</i> . <i>Biochemical Journal</i> , 2013, 450, 127-139.	3.7	34
3	Crystal structure and fluorescence studies reveal the role of helical dimeric interface of staphylococcal fabg1 in positive cooperativity for NADPH. <i>Proteins: Structure, Function and Bioinformatics</i> , 2012, 80, 1250-1257.	2.6	29
4	Macroscopic amyloid fiber formation by staphylococcal biofilm associated SuhB protein. <i>Biophysical Chemistry</i> , 2016, 217, 32-41.	2.8	23
5	Effective Synthesis and Biological Evaluation of Natural and Designed Bis(indolyl)methanes via Taurine-Catalyzed Green Approach. <i>ACS Omega</i> , 2022, 7, 10438-10446.	3.5	23
6	Structural elucidation of the binding site and mode of inhibition of Li^+ and Mg^{2+} in inositol monophosphatase. <i>FEBS Journal</i> , 2014, 281, 5309-5324.	4.7	20
7	Design, Synthesis, and Biological Evaluation of Densely Substituted Dihydropyrano[2,3- <i>c</i>]pyrazoles via a Taurine-Catalyzed Green Multicomponent Approach. <i>ACS Omega</i> , 2021, 6, 30734-30742.	3.5	20
8	Crystal structure of FabG4 from <i>Mycobacterium tuberculosis</i> reveals the importance of C-terminal residues in ketoreductase activity. <i>Journal of Structural Biology</i> , 2011, 174, 147-155.	2.8	15
9	Design, synthesis and characterization of novel inhibitors against mycobacterial β^2 -ketoacyl CoA reductase FabG4. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 73-85.	2.8	14
10	Crystal structure of Staphylococcal dual specific inositol monophosphatase/NADP(H) phosphatase (SAS2203) delineates the molecular basis of substrate specificity. <i>Biochimie</i> , 2012, 94, 879-890.	2.6	13
11	Archaeal <i>scp</i> DNA on the histone merry-go-round. <i>FEBS Journal</i> , 2018, 285, 3168-3174.	4.7	13
12	A "Drug Sweeping" State of the TriABC Triclosan Efflux Pump from <i>Pseudomonas aeruginosa</i> . <i>Structure</i> , 2021, 29, 261-274.e6.	3.3	11
13	A structurally novel hemopexin fold protein of rice plays role in chlorophyll degradation. <i>Biochemical and Biophysical Research Communications</i> , 2012, 420, 862-868.	2.1	10
14	Crystallization and preliminary X-ray diffraction analysis of the high molecular weight ketoacyl reductase FabG4 complexed with NADH. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 786-789.	0.7	4
15	Anti-SARS-CoV-2 potential of <i>Cissampelos pareira</i> L. identified by connectivity map-based analysis and in vitro studies. <i>BMC Complementary Medicine and Therapies</i> , 2022, 22, 114.	2.7	4
16	Structural elucidation of the NADP(H) phosphatase activity of staphylococcal dual-specific IMPase/NADP(H) phosphatase. <i>Acta Crystallographica Section D: Structural Biology</i> , 2016, 72, 281-290.	2.3	3
17	Cloning, overexpression, purification, crystallization and preliminary X-ray diffraction analysis of an inositol monophosphatase family protein (SAS2203) from <i>Staphylococcus aureus</i> MSSA476. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 471-474.	0.7	2
18	The C-terminal end of mycobacterial HadBC regulates AcpM interaction during the FASII pathway: a structural perspective. <i>FEBS Journal</i> , 2022, 289, 4963-4980.	4.7	2

#	ARTICLE	IF	CITATIONS
19	Elucidation of the mechanism of disulfide exchange between staphylococcal thioredoxin2 and thioredoxin reductase2: A structural insight. <i>Biochimie</i> , 2019, 160, 1-13.	2.6	1
20	Cloning, overexpression, purification, crystallization and preliminary X-ray diffraction analysis of an atypical two-cysteine peroxiredoxin (SAOUHSC_01822) from <i>Staphylococcus aureus</i> NCTC 8325. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009, 65, 1113-1115.	0.7	0
21	Stereoselective synthesis of tri-substituted tetrahydrothiophenes and their <i>in silico</i> binding against mycobacterial protein tyrosine phosphatase B. <i>Organic and Biomolecular Chemistry</i> , 2022, , .	2.8	0