

Somenath Chowdhury

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,152
citations

430874

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642732

23
g-index

23
all docs

23
docs citations

23
times ranked

1414
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping allostery through the covariance analysis of NMR chemical shifts. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6133-6138.	7.1	203
2	Ultrasensitive Determination of Cysteine Based on the Photocurrent of Nafion®-Functionalized CdS@MV Quantum Dots on an ITO Electrode. Small, 2011, 7, 1624-1628.	10.0	156
3	Dynamically Driven Ligand Selectivity in Cyclic Nucleotide Binding Domains. Journal of Biological Chemistry, 2009, 284, 23682-23696.	3.4	71
4	Design of a Highly Selective Quenched Activity-Based Probe and Its Application in Dual Color Imaging Studies of Cathepsin S Activity Localization. Journal of the American Chemical Society, 2015, 137, 4771-4777.	13.7	63
5	Entropy-driven cAMP-dependent Allosteric Control of Inhibitory Interactions in Exchange Proteins Directly Activated by cAMP. Journal of Biological Chemistry, 2008, 283, 19691-19703.	3.4	59
6	Amino acid conjugates of 1,1'-di-2-diaminofluorene. Synthesis and chiral organization. Organic and Biomolecular Chemistry, 2005, 3, 3018.	2.8	57
7	Rational Design of Bioorganometallic Foldamers: A Potential Model for Parallel β^2 -Helical Peptides. Angewandte Chemie - International Edition, 2006, 45, 6882-6884.	13.8	51
8	Conformational Change in Rhomboid Protease GlpG Induced by Inhibitor Binding to Its S^2 Subsites. Biochemistry, 2012, 51, 3723-3731.	2.5	50
9	Reorganization Energies of Ferrocene-Peptide Monolayers. Langmuir, 2007, 23, 12765-12770.	3.5	48
10	Study of Electron Transfer in Ferrocene-Labeled Collagen-like Peptides. Langmuir, 2007, 23, 6475-6477.	3.5	44
11	How Useful Is Ferrocene as a Scaffold for the Design of β^2 -Sheet Foldamers?. Angewandte Chemie - International Edition, 2008, 47, 7056-7059.	13.8	44
12	Discovery of a Pseudo β^2 Barrel: Synthesis and Formation by Tiling of Ferrocene Cyclopeptides. Angewandte Chemie - International Edition, 2006, 45, 751-754.	13.8	43
13	Asymmetric synthesis of amines using tert-butanesulfinamide. Nature Protocols, 2013, 8, 2271-2280.	12.0	42
14	Understanding cAMP-Dependent Allostery by NMR Spectroscopy: A Comparative Analysis of the EPAC1 cAMP-Binding Domain in Its Apo and cAMP-Bound States. Journal of the American Chemical Society, 2007, 129, 14482-14492.	13.7	41
15	Synthesis, structure and electrochemistry of ferrocene-peptide macrocycles. Dalton Transactions, 2004, , 1726-1730.	3.3	38
16	Identification of Multiple Structurally Distinct, Nonpeptidic Small Molecule Inhibitors of Protein Arginine Deiminase 3 Using a Substrate-Based Fragment Method. Journal of the American Chemical Society, 2015, 137, 3616-3621.	13.7	28
17	A Cyclic Ferrocene-Histidine Conjugate: Synthesis and Properties and Interactions with Alkali Metal Ions. European Journal of Inorganic Chemistry, 2006, 2006, 988-993.	2.0	21
18	Tetrafluorophenoxymethyl ketone cruzain inhibitors with improved pharmacokinetic properties as therapeutic leads for Chagas disease. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4834-4837.	2.2	15

#	ARTICLE	IF	CITATIONS
19	Electrodeposition of ferrocenoyl peptide disulfides. <i>Chemical Communications</i> , 2005, , 1330.	4.1	13
20	The effect of alkali metal ions on the electrochemical behavior of ferrocene-peptide conjugates immobilized on gold surfaces. <i>Electrochimica Acta</i> , 2007, 53, 2034-2039.	5.2	11