

Debashree Bandyopadhyay

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

150
citations

1162889

8
h-index

1199470

12
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16
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16
docs citations

16
times ranked

254
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | New substitutions on NS1 protein from influenza A (H1N1) virus: Bioinformatics analyses of Indian strains isolated from 2009 to 2020. Health Science Reports, 2022, 5, e626. | 0.6 | 2 |
| 2 | <scp>DeepCys</scp>: Structure-based multiple cysteine function prediction method trained on deep neural network: Case study on domains of unknown functions belonging to <scp>COX2</scp> domains. Proteins: Structure, Function and Bioinformatics, 2021, 89, 745-761. | 1.5 | 3 |
| 3 | Selective Stabilization of Aspartic Acid Protonation State within a Given Protein Conformation Occurs via Specific "Molecular Association". Journal of Physical Chemistry B, 2020, 124, 5350-5361. | 1.2 | 10 |
| 4 | CalPen (Calculator of Penetrance), a web-based tool to estimate penetrance in complex genetic disorders. PLoS ONE, 2020, 15, e0228156. | 1.1 | 4 |
| 5 | Cover Image, Volume 86, Issue 2. Proteins: Structure, Function and Bioinformatics, 2018, 86, C1. | 1.5 | 0 |
| 6 | Characterization of cysteine thiol modifications based on protein microenvironments and local secondary structures. Proteins: Structure, Function and Bioinformatics, 2018, 86, 192-209. | 1.5 | 16 |
| 7 | Amino acid function relates to its embedded protein microenvironment: A study on disulfide-bridged cysteine. Proteins: Structure, Function and Bioinformatics, 2016, 84, 1576-1589. | 1.5 | 5 |
| 8 | Water soluble luminescent cyclometalated platinum(II) complex " A suitable probe for bio-imaging applications. Inorganic Chemistry Communication, 2016, 67, 107-111. | 1.8 | 23 |
| 9 | Aggregation-Induced Emission Activity in Iridium(III) Diimine Complexes: Investigations of Their Vapochromic Properties. European Journal of Inorganic Chemistry, 2014, 2014, 3710-3719. | 1.0 | 24 |
| 10 | Wetting Property of the Edges of Monoatomic Step on Graphite: Frictional-Force Microscopy and ab Initio Quantum Chemical Studies. Journal of Physical Chemistry C, 2011, 115, 14819-14826. | 1.5 | 17 |
| 11 | Quantitative expression of protein heterogeneity: Response of amino acid side chains to their local environment. Proteins: Structure, Function and Bioinformatics, 2008, 72, 646-659. | 1.5 | 14 |
| 12 | Different Modes of Interaction Between Hydrated Magnesium Ion and DNA Functional Groups: Database Analysis and ab initio Studies. Journal of Biomolecular Structure and Dynamics, 2003, 21, 447-458. | 2.0 | 16 |
| 13 | Effect of Flanking Residues on CA and AA Dinucleotides: Some Rationale. Journal of Biomolecular Structure and Dynamics, 2002, 19, 659-667. | 2.0 | 4 |
| 14 | Effect of Neighboring Bases on Base-Pair Stacking Orientation: A Molecular Dynamics Study. Journal of Biomolecular Structure and Dynamics, 2000, 18, 29-43. | 2.0 | 8 |
| 15 | Contributory presentations/posters. Journal of Biosciences, 1999, 24, 33-198. | 0.5 | 0 |