

Amit Kumar Banerjee

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

276
citations

1040056

9
h-index

940533

16
g-index

36
all docs

36
docs citations

36
times ranked

343
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of artificial intelligence in tackling COVID-19. <i>Future Virology</i> , 2020, 15, 717-724.	1.8	66
2	Classification and identification of mosquito species using artificial neural networks. <i>Computational Biology and Chemistry</i> , 2008, 32, 442-447.	2.3	31
3	Comparative characterization of commercially important xylanase enzymes. <i>Bioinformatics</i> , 2009, 3, 446-453.	0.5	17
4	Neurochemicals, Behaviours and Psychiatric Perspectives of Neurological Diseases. <i>Neuropsychiatry</i> , 2018, 08, .	0.4	16
5	Structural model of the Plasmodium falciparum thioredoxin reductase:a novel target for antimalarial drugs. <i>Journal of Vector Borne Diseases</i> , 2009, 46, 171-83.	0.4	14
6	An In Silico Approach to Cluster CAM Kinase Protein Sequences. <i>Journal of Proteomics and Bioinformatics</i> , 2009, 02, 097-107.	0.4	13
7	New Targets, New Hope: Novel Drug Targets for Curbing Malaria. <i>Mini-Reviews in Medicinal Chemistry</i> , 2012, 12, 210-226.	2.4	11
8	Probing the structure of human glucose transporter 2 and analysis of protein ligand interactions. <i>Medicinal Chemistry Research</i> , 2010, 19, 836-853.	2.4	9
9	Analyzing a potential drug target N-myristoyltransferase of Plasmodium falciparum through in silico approaches. <i>Journal of Global Infectious Diseases</i> , 2012, 4, 43.	0.5	9
10	Exploring the Interplay of Sequence and Structural Features in Determining the Flexibility of AGC Kinase Protein Family : A Bioinformatics Approach. <i>Journal of Proteomics and Bioinformatics</i> , 2008, 01, 077-089.	0.4	9
11	Keratin protein property based classification of mammals and non-mammals using machine learning techniques. <i>Computers in Biology and Medicine</i> , 2013, 43, 889-899.	7.0	8
12	Coronavirus Disease (COVID-19) Pandemic: A Race Against Time. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 1434-1437.	2.1	8
13	Targeting Strategies for Human Immunodeficiency Virus: A Combinatorial Approach. <i>Mini-Reviews in Medicinal Chemistry</i> , 2012, 12, 236-254.	2.4	8
14	Application of Kohonen maps for solving the classification puzzle in AGC kinase protein sequences. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2009, 1, 173-178.	3.6	7
15	In silico characterization of Shikimate Kinase of Shigella flexneri: A potential drug target. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2010, 2, 280-290.	3.6	7
16	Aspartate carbamoyltransferase of Plasmodium falciparum as a potential drug target for designing anti-malarial chemotherapeutic agents. <i>Medicinal Chemistry Research</i> , 2012, 21, 2480-2493.	2.4	7
17	Application of Intelligent Techniques for Classification of Bacteria Using Protein Sequence-Derived Features. <i>Applied Biochemistry and Biotechnology</i> , 2013, 170, 1263-1281.	2.9	7
18	TOWARDS CLASSIFYING ORGANISMS BASED ON THEIR PROTEIN PHYSICOCHEMICAL PROPERTIES USING COMPARATIVE INTELLIGENT TECHNIQUES. <i>Applied Artificial Intelligence</i> , 2011, 25, 426-439.	3.2	6

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19	Targeting Tuberculosis: A Glimpse of Promising Drug Targets. <i>Mini-Reviews in Medicinal Chemistry</i> , 2012, 12, 187-201.	2.4	6
20	Zika virus: an emerging arboviral disease. <i>Future Virology</i> , 2016, 11, 395-399.	1.8	5
21	Dereplication in Natural Product Discovery. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 101-102.	2.1	3
22	Computation in Analyzing Inflammation: A General Perspective. <i>Interdisciplinary Journal of Microinflammation</i> , 2016, 3, .	0.1	2
23	Classification and clustering analysis of pyruvate dehydrogenase enzyme based on their physicochemical properties. <i>Bioinformatics</i> , 2010, 4, 456-462.	0.5	2
24	Neurology in the Light of Genomics: Application of NGS and GWAS in Understanding Complex Neurological Disorders. <i>Neuropsychiatry</i> , 2018, 08, .	0.4	1
25	Assessing the relationship among physicochemical properties of proteins with respect to hydrophobicity: a case study on AGC kinase superfamily. <i>Indian Journal of Biochemistry and Biophysics</i> , 2010, 47, 370-7.	0.0	1
26	Editorial [Hot Topic: Looking Beyond the Obvious: Search for Novel Targets and Drugs for Reducing the Burden of Infectious Diseases (Guest Editor: Neelima Arora)]. <i>Mini-Reviews in Medicinal Chemistry</i> , 2012, 12, 185-186.	2.4	0
27	Computer Aided Drug Designing for Combating Diseases (Part 1). <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 1029-1030.	2.1	0
28	Zika outbreak aftermath: status, progress, concerns and new insights. <i>Future Virology</i> , 2018, 13, 539-556.	1.8	0
29	Computer Aided Drug Design for Combating Diseases (Part-III). <i>Current Topics in Medicinal Chemistry</i> , 2019, 18, 2741-2742.	2.1	0
30	Computer Aided Drug Design for Combating Diseases (Part-II). <i>Current Topics in Medicinal Chemistry</i> , 2019, 18, 2631-2632.	2.1	0
31	Structural analysis of the Babesia microti thioredoxin reductase: a potential drug target for babesiosis treatment. <i>Biomedical Research (Aligarh, India)</i> , 2018, 29, .	0.1	0
32	Meet Our Executive Guest Editor. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 173-173.	2.1	0
33	Comparative analysis of Hemagglutinin of 2013 H3N2 Influenza A virus Indicates its Evolution from 1968 H3N2 Pandemic Influenza A virus. <i>Archives of Preventive Medicine</i> , 2020, 5, 001-015.	0.0	0
34	Computer-Aided Drug Design for Combating Diseases (Part-IV). <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 2243-2244.	2.1	0