

Amit Kumar Banerjee

List of Publications by Year in descending order

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papers

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36
all docs

36
docs citations

36
times ranked

343
citing authors

#	ARTICLE	IF	CITATIONS
1	Computer-Aided Drug Design for Combating Diseases (Part-IV). Current Topics in Medicinal Chemistry, 2021, 21, 2243-2244.	2.1	0
2	The role of artificial intelligence in tackling COVID-19. Future Virology, 2020, 15, 717-724.	1.8	66
3	Coronavirus Disease (COVID-19) Pandemic: A Race Against Time. Current Topics in Medicinal Chemistry, 2020, 20, 1434-1437.	2.1	8
4	Comparative analysis of Hemagglutinin of 2013 H3N2 Influenza A virus Indicates its Evolution from 1968 H3N2 Pandemic Influenza A virus. Archives of Preventive Medicine, 2020, 5, 001-015.	0.0	0
5	Computer Aided Drug Design for Combating Diseases (Part-III). Current Topics in Medicinal Chemistry, 2019, 18, 2741-2742.	2.1	0
6	Dereplication in Natural Product Discovery. Current Topics in Medicinal Chemistry, 2019, 19, 101-102.	2.1	3
7	Computer Aided Drug Design for Combating Diseases (Part-II). Current Topics in Medicinal Chemistry, 2019, 18, 2631-2632.	2.1	0
8	Meet Our Executive Guest Editor. Current Topics in Medicinal Chemistry, 2019, 19, 173-173.	2.1	0
9	Computer Aided Drug Designing for Combating Diseases (Part 1). Current Topics in Medicinal Chemistry, 2018, 18, 1029-1030.	2.1	0
10	Zika outbreak aftermath: status, progress, concerns and new insights. Future Virology, 2018, 13, 539-556.	1.8	0
11	Neurochemicals, Behaviours and Psychiatric Perspectives of Neurological Diseases. Neuropsychiatry, 2018, 08, .	0.4	16
12	Neurology in the Light of Genomics: Application of NGS and GWAS in Understanding Complex Neurological Disorders. Neuropsychiatry, 2018, 08, .	0.4	1
13	Structural analysis of the Babesia microti thioredoxin reductase: a potential drug target for babesiosis treatment. Biomedical Research (Aligarh, India), 2018, 29, .	0.1	0
14	Computation in Analyzing Inflammation: A General Perspective. Interdisciplinary Journal of Microinflammation, 2016, 3, .	0.1	2
15	Zika virus: an emerging arboviral disease. Future Virology, 2016, 11, 395-399.	1.8	5
16	Application of Intelligent Techniques for Classification of Bacteria Using Protein Sequence-Derived Features. Applied Biochemistry and Biotechnology, 2013, 170, 1263-1281.	2.9	7
17	Keratin protein property based classification of mammals and non-mammals using machine learning techniques. Computers in Biology and Medicine, 2013, 43, 889-899.	7.0	8
18	Analyzing a potential drug target N-myristoyltransferase of Plasmodium falciparum through in silico approaches. Journal of Global Infectious Diseases, 2012, 4, 43.	0.5	9

#	ARTICLE	IF	CITATIONS
19	Aspartate carbamoyltransferase of Plasmodium falciparum as a potential drug target for designing anti-malarial chemotherapeutic agents. Medicinal Chemistry Research, 2012, 21, 2480-2493.	2.4	7
20	Editorial [Hot Topic: Looking Beyond the Obvious: Search for Novel Targets and Drugs for Reducing the Burden of Infectious Diseases (Guest Editor: Neelima Arora)]. Mini-Reviews in Medicinal Chemistry, 2012, 12, 185-186.	2.4	0
21	Targeting Tuberculosis: A Glimpse of Promising Drug Targets. Mini-Reviews in Medicinal Chemistry, 2012, 12, 187-201.	2.4	6
22	New Targets, New Hope: Novel Drug Targets for Curbing Malaria. Mini-Reviews in Medicinal Chemistry, 2012, 12, 210-226.	2.4	11
23	Targeting Strategies for Human Immunodeficiency Virus: A Combinatorial Approach. Mini-Reviews in Medicinal Chemistry, 2012, 12, 236-254.	2.4	8
24	TOWARDS CLASSIFYING ORGANISMS BASED ON THEIR PROTEIN PHYSICOCHEMICAL PROPERTIES USING COMPARATIVE INTELLIGENT TECHNIQUES. Applied Artificial Intelligence, 2011, 25, 426-439.	3.2	6
25	Probing the structure of human glucose transporter 2 and analysis of protein ligand interactions. Medicinal Chemistry Research, 2010, 19, 836-853.	2.4	9
26	In silico characterization of Shikimate Kinase of Shigella flexneri: A potential drug target. Interdisciplinary Sciences, Computational Life Sciences, 2010, 2, 280-290.	3.6	7
27	Classification and clustering analysis of pyruvate dehydrogenase enzyme based on their physicochemical properties. Bioinformation, 2010, 4, 456-462.	0.5	2
28	Assessing the relationship among physicochemical properties of proteins with respect to hydrophobicity: a case study on AGC kinase superfamily. Indian Journal of Biochemistry and Biophysics, 2010, 47, 370-7.	0.0	1
29	Application of Kohonen maps for solving the classification puzzle in AGC kinase protein sequences. Interdisciplinary Sciences, Computational Life Sciences, 2009, 1, 173-178.	3.6	7
30	An In Silico Approach to Cluster CAM Kinase Protein Sequences. Journal of Proteomics and Bioinformatics, 2009, 02, 097-107.	0.4	13
31	Comparative characterization of commercially important xylanase enzymes. Bioinformation, 2009, 3, 446-453.	0.5	17
32	Structural model of the Plasmodium falciparum thioredoxin reductase: a novel target for antimalarial drugs. Journal of Vector Borne Diseases, 2009, 46, 171-83.	0.4	14
33	Classification and identification of mosquito species using artificial neural networks. Computational Biology and Chemistry, 2008, 32, 442-447.	2.3	31
34	Exploring the Interplay of Sequence and Structural Features in Determining the Flexibility of AGC Kinase Protein Family : A Bioinformatics Approach. Journal of Proteomics and Bioinformatics, 2008, 01, 077-089.	0.4	9