

Partha Biswas

List of Publications by Year in descending order

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papers

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524
citing authors

#	ARTICLE	IF	CITATIONS
1	Amentoflavone derivatives significantly act towards the main protease (3CLPRO/MPRO) of SARS-CoV-2: in silico admet profiling, molecular docking, molecular dynamics simulation, network pharmacology. <i>Molecular Diversity</i> , 2023, 27, 857-871.	3.9	26
2	Natural flavonoids effectively block the CD81 receptor of hepatocytes and inhibit HCV infection: a computational drug development approach. <i>Molecular Diversity</i> , 2023, 27, 1309-1322.	3.9	15
3	Evaluation of in vitro and in silico anti-inflammatory potential of some selected medicinal plants of Bangladesh against cyclooxygenase-II enzyme. <i>Journal of Ethnopharmacology</i> , 2022, 285, 114900.	4.1	19
4	Can Artemisia herba-alba Be Useful for Managing COVID-19 and Comorbidities?. <i>Molecules</i> , 2022, 27, 492.	3.8	15
5	Genistein, a Potential Phytochemical against Breast Cancer Treatment-Insight into the Molecular Mechanisms. <i>Processes</i> , 2022, 10, 415.	2.8	30
6	A Comprehensive Review of Recent Advancements in Cancer Immunotherapy and Generation of CAR T Cell by CRISPR-Cas9. <i>Processes</i> , 2022, 10, 16.	2.8	13
7	Quantitative analysis of the factors influencing IDA and TSH downregulation in correlation to the fluctuation of activated vitamin D3 in women. <i>Journal of Advanced Biotechnology and Experimental Therapeutics</i> , 2022, 5, 320.	0.9	7
8	UHPLC-Q/Orbitrap/MS based chemical fingerprinting and hepatoprotective potential of a medicinal plant, <i>Morinda angustifolia</i> Roxb.. <i>South African Journal of Botany</i> , 2022, 148, 561-572.	2.5	12
9	ANTIVIRAL EFFECTS OF BACTERIOCIN AGAINST ANIMAL-TO-HUMAN TRANSMITTABLE MUTATED SARS-COV-2: A SYSTEMATIC REVIEW. <i>Frontiers of Agricultural Science and Engineering</i> , 2021, 8, 603.	1.4	14
10	In Vivo Neuropharmacological Potential of <i>Gomphandra tetrandra</i> (Wall.) Sleumer and In-Silico Study against I ² -Amyloid Precursor Protein. <i>Processes</i> , 2021, 9, 1449.	2.8	21
11	Analysis of SYK Gene as a Prognostic Biomarker and Suggested Potential Bioactive Phytochemicals as an Alternative Therapeutic Option for Colorectal Cancer: An In-Silico Pharmacoinformatics Investigation. <i>Journal of Personalized Medicine</i> , 2021, 11, 888.	2.5	13
12	Candidate antiviral drugs for COVID-19 and their environmental implications: a comprehensive analysis. <i>Environmental Science and Pollution Research</i> , 2021, 28, 59570-59593.	5.3	39
13	Metabolite profiling, anti-inflammatory, analgesic potentials of edible herb <i>Colocasia gigantea</i> and molecular docking study against COX-II enzyme. <i>Journal of Ethnopharmacology</i> , 2021, 281, 114577.	4.1	14
14	Potential Therapeutic Role of Phytochemicals to Mitigate Mitochondrial Dysfunctions in Alzheimer's Disease. <i>Antioxidants</i> , 2021, 10, 23.	5.1	25
15	Exhaustive Plant Profile of <i>Dimocarpus longan</i> Lour with Significant Phytomedicinal Properties: A Literature Based-Review. <i>Processes</i> , 2021, 9, 1803.	2.8	18
16	Diterpenes/Diterpenoids and Their Derivatives as Potential Bioactive Leads against Dengue Virus: A Computational and Network Pharmacology Study. <i>Molecules</i> , 2021, 26, 6821.	3.8	22
17	Target specificity of selective bioactive compounds in blocking β -dystroglycan receptor to suppress Lassa virus infection: an in silico approach. <i>Journal of Biomedical Research</i> , 2021, 35, 459.	1.6	32
18	Structural elucidation of Levofloxacin and Ciprofloxacin using density functional theory and Raman spectroscopy with inexpensive lab-built setup. <i>Journal of Molecular Structure</i> , 2020, 1222, 128946.	3.6	13

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19	Molecular Insights into the Multifunctional Role of Natural Compounds: Autophagy Modulation and Cancer Prevention. <i>Biomedicines</i> , 2020, 8, 517.	3.2	33
20	Ammonia Catalyzed Formation of Sulfuric Acid in Troposphere: The Curious Case of a Base Promoting Acid Rain. <i>Journal of Physical Chemistry A</i> , 2017, 121, 3101-3108.	2.5	65
21	Ammonia as an efficient catalyst for decomposition of carbonic acid: a quantum chemical investigation. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 15995-16004.	2.8	38
22	Isomerization of the methoxy radical revisited: the impact of water dimers. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 27728-27732.	2.8	34
23	Theoretical investigation of an atmospherically important reaction between methyl methacrylate and Cl atom: A mechanistic and kinetic approach. <i>Journal of Theoretical and Computational Chemistry</i> , 2015, 14, 1550010.	1.8	9
24	External control over tautomeric distribution and inter-conversion: new insights into the realm of catalyzed tautomerization. <i>RSC Advances</i> , 2015, 5, 34588-34593.	3.6	11
25	Reaction mechanism and kinetic study of the OH initiated tropospheric oxidation of 3-methyl-2-buten-1-ol: A quantum chemical investigation. <i>Journal of Theoretical and Computational Chemistry</i> , 2014, 13, 1450052.	1.8	1
26	A Rhodamine-Based Dual Chemosensor for Cu(II) and Fe(III). <i>Journal of Fluorescence</i> , 2012, 22, 443-450.	2.5	53
27	Competition between Hydrogen Bonding and Dispersion Interactions in the Indole-Pyridine Dimer and (Indole) ₂ -Pyridine Trimer Studied in a Supersonic Jet. <i>Journal of Physical Chemistry A</i> , 2011, 115, 7461-7472.	2.5	40
28	Structure of 7-Azaindole-2-Fluoropyridine Dimer in a Supersonic Jet: Competition between N-H...N and N-H...F Interactions. <i>Journal of Physical Chemistry A</i> , 2011, 115, 10299-10308.	2.5	24
29	Dispersed fluorescence spectroscopy of p-fluorophenol. <i>Chemical Physics Letters</i> , 2008, 454, 163-170.	2.6	7
30	Origin of threefold symmetric torsional potential of methyl group in 4-methylstyrene. <i>Journal of Chemical Physics</i> , 2006, 124, 144316.	3.0	8
31	Conformations and laser-induced fluorescence spectroscopy of jet-cooled 2-(p-fluorophenyl)ethanol. <i>Chemical Physics Letters</i> , 2005, 411, 128-132.	2.6	8
32	Impact of Extended π Conjugation on Methyl Rotor-Induced IVR in Aromatic Molecules. <i>Journal of Physical Chemistry A</i> , 2005, 109, 3225-3234.	2.5	7
33	Investigating the Anticancer Potential of Salvicine as a Modulator of Topoisomerase II and ROS Signaling Cascade. <i>Frontiers in Oncology</i> , 0, 12, .	2.8	13