

Saikat Mitra

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

3,101
citations

159585

30
h-index

182427

51
g-index

66
all docs

66
docs citations

66
times ranked

1367
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of heavy metals on the environment and human health: Novel therapeutic insights to counter the toxicity. <i>Journal of King Saud University - Science</i> , 2022, 34, 101865.	3.5	427
2	Antibiotic resistance in microbes: History, mechanisms, therapeutic strategies and future prospects. <i>Journal of Infection and Public Health</i> , 2021, 14, 1750-1766.	4.1	286
3	Role of Inflammatory Cytokines in COVID-19 Patients: A Review on Molecular Mechanisms, Immune Functions, Immunopathology and Immunomodulatory Drugs to Counter Cytokine Storm. <i>Vaccines</i> , 2021, 9, 436.	4.4	152
4	Viral Dynamics and Real-Time RT-PCR Ct Values Correlation with Disease Severity in COVID-19. <i>Diagnostics</i> , 2021, 11, 1091.	2.6	135
5	Exploring the Journey of Zinc Oxide Nanoparticles (ZnO-NPs) toward Biomedical Applications. <i>Materials</i> , 2022, 15, 2160.	2.9	122
6	Bromelain a Potential Bioactive Compound: A Comprehensive Overview from a Pharmacological Perspective. <i>Life</i> , 2021, 11, 317.	2.4	101
7	Berberine as a Potential Anticancer Agent: A Comprehensive Review. <i>Molecules</i> , 2021, 26, 7368.	3.8	92
8	The Multifunctional Role of Herbal Products in the Management of Diabetes and Obesity: A Comprehensive Review. <i>Molecules</i> , 2022, 27, 1713.	3.8	79
9	Prospective multifunctional roles and pharmacological potential of dietary flavonoid narirutin. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 112932.	5.6	75
10	Superoxide dismutase: an updated review on its health benefits and industrial applications. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 7282-7300.	10.3	73
11	Potential health benefits of carotenoid lutein: An updated review. <i>Food and Chemical Toxicology</i> , 2021, 154, 112328.	3.6	68
12	The Gut Microbiota (Microbiome) in Cardiovascular Disease and Its Therapeutic Regulation. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	3.9	65
13	Honokiol: A review of its pharmacological potential and therapeutic insights. <i>Phytomedicine</i> , 2021, 90, 153647.	5.3	59
14	Diosgenin: An Updated Pharmacological Review and Therapeutic Perspectives. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-17.	4.0	58
15	Diverse Immunological Factors Influencing Pathogenesis in Patients with COVID-19: A Review on Viral Dissemination, Immunotherapeutic Options to Counter Cytokine Storm and Inflammatory Responses. <i>Pathogens</i> , 2021, 10, 565.	2.8	57
16	Pharmaceutical Prospects of Bee Products: Special Focus on Anticancer, Antibacterial, Antiviral, and Antiparasitic Properties. <i>Antibiotics</i> , 2021, 10, 822.	3.7	57
17	A Comprehensive Review of the Potential Use of Green Tea Polyphenols in the Management of COVID-19. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-13.	1.2	57
18	Exploring the journey of emodin as a potential neuroprotective agent: Novel therapeutic insights with molecular mechanism of action. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112877.	5.6	54

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19	COVID-19 intranasal vaccines: current progress, advantages, prospects, and challenges. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, 1-11.	3.3	53
20	Regulatory T cells (Tregs) and their therapeutic potential against autoimmune disorders – Advances and challenges. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, 1-16.	3.3	47
21	Natural Small Molecules in Breast Cancer Treatment: Understandings from a Therapeutic Viewpoint. <i>Molecules</i> , 2022, 27, 2165.	3.8	47
22	Pathogenicity and virulence of Marburg virus. <i>Virulence</i> , 2022, 13, 609-633.	4.4	46
23	Polyphenols: A first evidence in the synergism and bioactivities. <i>Food Reviews International</i> , 2023, 39, 4419-4441.	8.4	45
24	Impact of online education on fear of academic delay and psychological distress among university students following one year of COVID-19 outbreak in Bangladesh. <i>Heliyon</i> , 2021, 7, e07388.	3.2	43
25	Phytochemicals, Nutrition, Metabolism, Bioavailability, and Health Benefits in Lettuce – A Comprehensive Review. <i>Antioxidants</i> , 2022, 11, 1158.	5.1	43
26	Molecular Mechanisms of Astaxanthin as a Potential Neurotherapeutic Agent. <i>Marine Drugs</i> , 2021, 19, 201.	4.6	38
27	Medicinal plants used against hepatic disorders in Bangladesh: A comprehensive review. <i>Journal of Ethnopharmacology</i> , 2022, 282, 114588.	4.1	38
28	Exploring the Immune-Boosting Functions of Vitamins and Minerals as Nutritional Food Bioactive Compounds: A Comprehensive Review. <i>Molecules</i> , 2022, 27, 555.	3.8	38
29	Neuropharmacological and Antidiabetic Potential of <i>Lannea coromandelica</i> (Houtt.) Merr. Leaves Extract: An Experimental Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-10.	1.2	38
30	Multifunctional Therapeutic Approach of Nanomedicines against Inflammation in Cancer and Aging. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-19.	2.7	38
31	Ginkgo biloba: A Treasure of Functional Phytochemicals with Multimedicinal Applications. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-30.	1.2	35
32	Comprehensive review on naringenin and naringin polyphenols as a potent anticancer agent. <i>Environmental Science and Pollution Research</i> , 2022, 29, 31025-31041.	5.3	33
33	Understanding the omicron variant (B.1.1.529) of SARS-CoV-2: Mutational impacts, concerns, and the possible solutions. <i>Annals of Medicine and Surgery</i> , 2022, 78, 103737.	1.1	33
34	Anti-Alzheimer's™s Molecules Derived from Marine Life: Understanding Molecular Mechanisms and Therapeutic Potential. <i>Marine Drugs</i> , 2021, 19, 251.	4.6	31
35	Knowledge, Perception, and Willingness towards Immunization among Bangladeshi Population during COVID-19 Vaccine Rolling Period. <i>Vaccines</i> , 2021, 9, 1449.	4.4	31
36	The Genus <i>Curcuma</i> and Inflammation: Overview of the Pharmacological Perspectives. <i>Plants</i> , 2021, 10, 63.	3.5	30

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37	Hormonal Therapy for Gynecological Cancers: How Far Has Science Progressed toward Clinical Applications?. <i>Cancers</i> , 2022, 14, 759.	3.7	29
38	Oral and intranasal vaccines against SARS-CoV-2: Current progress, prospects, advantages, and challenges. <i>Immunity, Inflammation and Disease</i> , 2022, 10, e604.	2.7	29
39	Allium cepa: A Treasure of Bioactive Phytochemicals with Prospective Health Benefits. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-27.	1.2	28
40	Therapeutic potential of indole alkaloids in respiratory diseases: A comprehensive review. <i>Phytomedicine</i> , 2021, 90, 153649.	5.3	26
41	Factors Associated With Underprivileged E-Learning, Session Jam Phobia, and the Subsequent Mental Distress Among Students Following the Extended University Closure in Bangladesh. <i>Frontiers in Public Health</i> , 2021, 9, 807474.	2.7	26
42	Impact of Prolonged COVID-19 Lockdown on Body Mass Index, Eating Habits, and Physical Activity of University Students in Bangladesh: A Web-Based Cross-Sectional Study. <i>Frontiers in Nutrition</i> , 2022, 9, .	3.7	26
43	Current advances of functional phytochemicals in Nicotiana plant and related potential value of tobacco processing waste: A review. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112191.	5.6	24
44	Role of Withaferin A and Its Derivatives in the Management of Alzheimer's Disease: Recent Trends and Future Perspectives. <i>Molecules</i> , 2021, 26, 3696.	3.8	22
45	Investigating Polyphenol Nanoformulations for Therapeutic Targets against Diabetes Mellitus. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-16.	1.2	16
46	Pharmacological Potential of Avicennia alba Leaf Extract: An Experimental Analysis Focusing on Antidiabetic, Anti-inflammatory, Analgesic, and Antidiarrheal Activity. <i>BioMed Research International</i> , 2022, 2022, 1-10.	1.9	15
47	Recommendation and Roadmap of Mass Vaccination against Coronavirus Disease 2019 Pandemic in Bangladesh as a Lower-Middle-Income Country.. <i>Archives of Razi Institute</i> , 2021, 76, 1823-1830.	0.5	14
48	Ethnobotanical Uses, Phytochemistry, Toxicology, and Pharmacological Properties of Euphorbia nerifolia Linn. against Infectious Diseases: A Comprehensive Review. <i>Molecules</i> , 2022, 27, 4374.	3.8	13
49	Prophylactic and therapeutic insights into trained immunity: A renewed concept of innate immune memory. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, 1-19.	3.3	12
50	Current State and Promising Opportunities on Pharmaceutical Approaches in the Treatment of Polymicrobial Diseases. <i>Pathogens</i> , 2021, 10, 245.	2.8	11
51	Stem cell therapies and benefaction of somatic cell nuclear transfer cloning in COVID-19 era. <i>Stem Cell Research and Therapy</i> , 2021, 12, 283.	5.5	11
52	Clinical Efficacy and Safety of Antiviral Drugs in the Extended Use against COVID-19: What We Know So Far. <i>Biologics</i> , 2021, 1, 252-284.	4.1	11
53	Phytochemical and Nutritional Profiling of Tomatoes; Impact of Processing on Bioavailability - A Comprehensive Review. <i>Food Reviews International</i> , 2023, 39, 5986-6010.	8.4	10
54	Comparative pathology, molecular pathogenicity, immunological features, and genetic characterization of three highly pathogenic human coronaviruses (MERS-CoV, SARS-CoV, and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 57		

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55	Massive third-wave COVID-19 outbreak in Bangladesh: a second epidemic of dengue might worsen the situation. <i>Future Virology</i> , 2022, 17, 347-350.	1.8	7
56	COMEDICATION OF RABEPRAZOLE SODIUM CAUSES POTENTIAL DRUG-DRUG INTERACTION WITH DIABETIC DRUG LINAGLIPTIN: In-vitro AND In-silico APPROACHES. <i>Journal of Experimental Biology and Agricultural Sciences</i> , 2021, 9, 528-542.	0.4	6
57	Genome editing and cancer: How far has research moved forward on CRISPR/Cas9?. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 113011.	5.6	6
58	Strategies to tackle SARS-CoV-2 Mu, a newly classified variant of interest likely to resist currently available COVID-19 vaccines. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, 1-5.	3.3	5
59	Status of psychological health of students following the extended university closure in Bangladesh: Results from a web-based cross-sectional study. <i>PLOS Global Public Health</i> , 2022, 2, e0000315.	1.6	5
60	Modulation of host epigenome by coronavirus infections and developing treatment modalities for COVID-19 beyond genetics. <i>European Review for Medical and Pharmacological Sciences</i> , 2021, 25, 5947-5964.	0.7	3
61	Florona: An emerging threat posing alarming risks to global public health and possible containment measures. <i>International Journal of Surgery</i> , 2022, 101, 106625.	2.7	3
62	Beta-Arrestins in the Treatment of Heart Failure Related to Hypertension: A Comprehensive Review. <i>Pharmaceutics</i> , 2021, 13, 838.	4.5	2
63	Assessing the risks associated with the emergence of Florona and possible preventive measures. <i>Journal of Medical Virology</i> , 2022, 94, 4031-4033.	5.0	2
64	COVID-19 Infection in Pregnancy: A Review. <i>Infectious Disorders - Drug Targets</i> , 2022, 22, .	0.8	1
65	Phytochemical Profiling, Antioxidant Activity, and In Silico Analyses of <i>Sterculia villosa</i> and <i>Vernonia patula</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-18.	1.2	1