

Gitishree Das

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

7,933
citations

159585

30
h-index

144013

57
g-index

59
all docs

59
docs citations

59
times ranked

11353
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano based drug delivery systems: recent developments and future prospects. Journal of Nanobiotechnology, 2018, 16, 71.	9.1	3,689
2	Revitalization of plant growth promoting rhizobacteria for sustainable development in agriculture. Microbiological Research, 2018, 206, 131-140.	5.3	765
3	Benefaction of probiotics for human health: A review. Journal of Food and Drug Analysis, 2018, 26, 927-939.	1.9	581
4	Endophytes: A Treasure House of Bioactive Compounds of Medicinal Importance. Frontiers in Microbiology, 2016, 7, 1538.	3.5	499
5	A critical analysis of extraction techniques used for botanicals: Trends, priorities, industrial uses and optimization strategies. TrAC - Trends in Analytical Chemistry, 2018, 100, 82-102.	11.4	278
6	Kimchi and Other Widely Consumed Traditional Fermented Foods of Korea: A Review. Frontiers in Microbiology, 2016, 7, 1493.	3.5	196
7	Advances on Natural Polyphenols as Anticancer Agents for Skin Cancer. Pharmacological Research, 2020, 151, 104584.	7.1	155
8	Photo-mediated green synthesis of silver and zinc oxide nanoparticles using aqueous extracts of two mangrove plant species, <i>Heritiera fomes</i> and <i>Sonneratia apetala</i> and investigation of their biomedical applications. Journal of Photochemistry and Photobiology B: Biology, 2016, 163, 311-318.	3.8	154
9	Investigation of antioxidant, antibacterial, antidiabetic, and cytotoxicity potential of silver nanoparticles synthesized using the outer peel extract of <i>Ananas comosus</i> (L.). PLoS ONE, 2019, 14, e0220950.	2.5	120
10	Insight into MAS: A Molecular Tool for Development of Stress Resistant and Quality of Rice through Gene Stacking. Frontiers in Plant Science, 2017, 8, 985.	3.6	105
11	Paclitaxel: Application in Modern Oncology and Nanomedicine-Based Cancer Therapy. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-24.	4.0	93
12	Star anise (<i>Illicium verum</i>): Chemical compounds, antiviral properties, and clinical relevance. Phytotherapy Research, 2020, 34, 1248-1267.	5.8	70
13	<i>Dioscorea</i> spp. (A Wild Edible Tuber): A Study on Its Ethnopharmacological Potential and Traditional Use by the Local People of Similipal Biosphere Reserve, India. Frontiers in Pharmacology, 2017, 8, 52.	3.5	65
14	Targeting Inflammation by Flavonoids: Novel Therapeutic Strategy for Metabolic Disorders. International Journal of Molecular Sciences, 2019, 20, 4957.	4.1	64
15	Sericin based nanoformulations: a comprehensive review on molecular mechanisms of interaction with organisms to biological applications. Journal of Nanobiotechnology, 2021, 19, 30.	9.1	59
16	Therapeutic Applications of Curcumin Nanomedicine Formulations in Cardiovascular Diseases. Journal of Clinical Medicine, 2020, 9, 746.	2.4	57
17	<i>Cordyceps</i> spp.: A Review on Its Immune-Stimulatory and Other Biological Potentials. Frontiers in Pharmacology, 2020, 11, 602364.	3.5	57
18	Plants of the genus <i>Vitis</i> : Phenolic compounds, anticancer properties and clinical relevance. Trends in Food Science and Technology, 2019, 91, 362-379.	15.1	56

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19	Marine Cyanobacteria and Microalgae Metabolites – A Rich Source of Potential Anticancer Drugs. <i>Marine Drugs</i> , 2020, 18, 476.	4.6	56
20	Traditional fermented foods with anti-aging effect: A concentric review. <i>Food Research International</i> , 2020, 134, 109269.	6.2	47
21	Phytochemical constituents, biological activities, and health-promoting effects of the genus <i>Origanum</i> . <i>Phytotherapy Research</i> , 2021, 35, 95-121.	5.8	45
22	A comprehensive review on the applications of nano-biosensor-based approaches for non-communicable and communicable disease detection. <i>Biomaterials Science</i> , 2021, 9, 3576-3602.	5.4	45
23	Facile green biosynthesis of silver nanoparticles using <i>Pisum sativum</i> L. outer peel aqueous extract and its antidiabetic, cytotoxicity, antioxidant, and antibacterial activity. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6679-6690.	6.7	43
24	Biosynthesis of silver nanoparticle using extract of <i>Zea mays</i> (corn flour) and investigation of its cytotoxicity effect and radical scavenging potential. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 193, 1-7.	3.8	43
25	Photo-mediated optimized synthesis of silver nanoparticles using the extracts of outer shell fibre of <i>Cocos nucifera</i> L. fruit and detection of its antioxidant, cytotoxicity and antibacterial potential. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 980-987.	3.8	42
26	Metagenomics Approaches in Discovery and Development of New Bioactive Compounds from Marine Actinomycetes. <i>Current Microbiology</i> , 2020, 77, 645-656.	2.2	41
27	Diversity of traditional and fermented foods of the Seven Sister states of India and their nutritional and nutraceutical potential: a review. <i>Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences</i> , 2016, 9, 292-312.	1.1	35
28	<i>Convolvulus</i> plant – A comprehensive review from phytochemical composition to pharmacy. <i>Phytotherapy Research</i> , 2020, 34, 315-328.	5.8	35
29	Biosynthesis, and potential effect of fern mediated biocompatible silver nanoparticles by cytotoxicity, antidiabetic, antioxidant and antibacterial, studies. <i>Materials Science and Engineering C</i> , 2020, 114, 111011.	7.3	35
30	Current advances in nanocarriers for biomedical research and their applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1053-1062.	2.8	33
31	Photo-mediated Biosynthesis of Silver Nanoparticles Using the Non-edible Accrescent Fruiting Calyx of <i>Physalis peruviana</i> L. Fruits and Investigation of its Radical Scavenging Potential and Cytotoxicity Activities. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 188, 116-125.	3.8	31
32	Comparative study on antidiabetic, cytotoxicity, antioxidant and antibacterial properties of biosynthesized silver nanoparticles using outer peels of two varieties of <i>Ipomoea batatas</i> (L.) Lam. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 4741-4754.	6.7	30
33	Plants of the Genus <i>Terminalia</i> : An Insight on Its Biological Potentials, Pre-Clinical and Clinical Studies. <i>Frontiers in Pharmacology</i> , 2020, 11, 561248.	3.5	26
34	Korean traditional foods as antiviral and respiratory disease prevention and treatments: A detailed review. <i>Trends in Food Science and Technology</i> , 2021, 116, 415-433.	15.1	26
35	Curcumin nanoformulations for antimicrobial and wound healing purposes. <i>Phytotherapy Research</i> , 2021, 35, 2487-2499.	5.8	23
36	The Sustainability Challenge of Food and Environmental Nanotechnology: Current Status and Imminent Perceptions. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4848.	2.6	19

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37	Analysis of metabolomic profile of fermented <i>Orostachys japonicus</i> A. Berger by capillary electrophoresis time of flight mass spectrometry. <i>PLoS ONE</i> , 2017, 12, e0181280.	2.5	19
38	Plant Species of Sub-Family Valerianaceae – A Review on Its Effect on the Central Nervous System. <i>Plants</i> , 2021, 10, 846.	3.5	18
39	Molecular prospect of type-2 diabetes: Nanotechnology based diagnostics and therapeutic intervention. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2021, 22, 421-451.	5.7	16
40	<p></p>Comparative Assessment of Antioxidant, Anti-Diabetic and Cytotoxic Effects of Three Peel/Shell Food Waste Extract-Mediated Silver Nanoparticles<p></p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 9075-9088.	6.7	15
41	Cure of tuberculosis using nanotechnology: An overview. <i>Journal of Microbiology</i> , 2018, 56, 287-299.	2.8	13
42	Ginger and Heart Health: From Mechanisms to Therapeutics. <i>Current Molecular Pharmacology</i> , 2021, 14, 943-959.	1.5	13
43	Fate of Bioactive Compounds during Lactic Acid Fermentation of Fruits and Vegetables. <i>Foods</i> , 2022, 11, 733.	4.3	13
44	Cactus: Chemical, nutraceutical composition and potential bio – pharmacological properties. <i>Phytotherapy Research</i> , 2021, 35, 1248-1283.	5.8	12
45	Poisoning by Medical Plants. <i>Archives of Iranian Medicine</i> , 2020, 23, 117-127.	0.6	12
46	Systematics, Phytochemistry, Biological Activities and Health Promoting Effects of the Plants from the Subfamily Bombacoideae (Family Malvaceae). <i>Plants</i> , 2021, 10, 651.	3.5	11
47	Diversity of Endophytic Bacteria in a Fern Species <i>Dryopteris uniformis</i> (Makino) Makino and Evaluation of Their Antibacterial Potential Against Five Foodborne Pathogenic Bacteria. <i>Foodborne Pathogens and Disease</i> , 2017, 14, 260-268.	1.8	10
48	Study on formation of nitrated polycyclic aromatic hydrocarbons from different roasting condition in coffee. <i>Journal of Food Science and Technology</i> , 2018, 55, 3991-4000.	2.8	10
49	Protective effect of oat (<i>Avena sativa</i>) bran extracts on acute hepatic liver damage in mice. <i>Food and Agricultural Immunology</i> , 2019, 30, 34-46.	1.4	9
50	Multitherapeutic Efficacy of Curly Kale Extract Fabricated Biogenic Silver Nanoparticles. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 1125-1137.	6.7	9
51	Antibacterial Properties of Endophytic Bacteria Isolated from a Fern Species <i>Equisetum arvense</i> L. Against Foodborne Pathogenic Bacteria <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> O157:H7. <i>Foodborne Pathogens and Disease</i> , 2017, 14, 50-58.	1.8	6
52	Characterization and Evaluation of Multiple Biological Activities of Silver Nanoparticles Fabricated from Dragon Tongue Bean Outer Peel Extract. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 977-987.	6.7	6
53	Biofabrication of streptomycin-conjugated calcium phosphate nanoparticles using red ginseng extract and investigation of their antibacterial potential. <i>PLoS ONE</i> , 2019, 14, e0217318.	2.5	5
54	Pharmaceutical Importance of Some Promising Plant Species with Special Reference to the Isolation and Extraction of Bioactive Compounds: A Review. <i>Current Pharmaceutical Biotechnology</i> , 2022, 23, 15-29.	1.6	4

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55	Engineered Probiotic and Prebiotic Nutraceutical Supplementations in Combating Non-communicable Disorders: A Review. <i>Current Pharmaceutical Biotechnology</i> , 2022, 23, 72-97.	1.6	3
56	Nutraceuticals, a Bridge Between Past and Future: Focus on Mushrooms Biological Activities and Myco-Chemistry. <i>Mini-Reviews in Medicinal Chemistry</i> , 2023, 23, 320-335.	2.4	2
57	Pharmacology and Ethnomedicinal potential of selected plants species from Apiaceae (Umbelliferae). <i>Combinatorial Chemistry and High Throughput Screening</i> , 2022, 25, .	1.1	0
58	Application of Sericin-Based Materials in Food Packaging: An Overview. , 2021, 6, .		0