

# Jayanta Kumar Patra

## List of Publications by Citations

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**Version:** 2024-04-20

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

122  
papers

6,122  
citations

31  
h-index

77  
g-index

131  
ext. papers

8,230  
ext. citations

4.9  
avg, IF

6.48  
L-index

#	Paper	IF	Citations
122	Nano based drug delivery systems: recent developments and future prospects. <i>Journal of Nanobiotechnology</i> , <b>2018</b> , 16, 71	9.4	1937
121	Revitalization of plant growth promoting rhizobacteria for sustainable development in agriculture. <i>Microbiological Research</i> , <b>2018</b> , 206, 131-140	5.3	473
120	Benefaction of probiotics for human health: A review. <i>Journal of Food and Drug Analysis</i> , <b>2018</b> , 26, 927-939	3.9	357
119	Endophytes: A Treasure House of Bioactive Compounds of Medicinal Importance. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 1538	5.7	292
118	Green Nanobiotechnology: Factors Affecting Synthesis and Characterization Techniques. <i>Journal of Nanomaterials</i> , <b>2014</b> , 2014, 1-12	3.2	243
117	A critical analysis of extraction techniques used for botanicals: Trends, priorities, industrial uses and optimization strategies. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 100, 82-102	14.6	183
116	Antibacterial Activity and Synergistic Antibacterial Potential of Biosynthesized Silver Nanoparticles against Foodborne Pathogenic Bacteria along with its Anticandidal and Antioxidant Effects. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 167	5.7	171
115	Kimchi and Other Widely Consumed Traditional Fermented Foods of Korea: A Review. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 1493	5.7	135
114	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. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2016</b> , 163, 311-8	6.7	114
113	Advances on Natural Polyphenols as Anticancer Agents for Skin Cancer. <i>Pharmacological Research</i> , <b>2020</b> , 151, 104584	10.2	84
112	Nano-based approach to combat emerging viral (NIPAH virus) infection. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2019</b> , 18, 196-220	6	75
111	Novel green synthesis of gold nanoparticles using <i>Citrullus lanatus</i> rind and investigation of proteasome inhibitory activity, antibacterial, and antioxidant potential. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 7253-64	7.3	75
110	Arachidonic Acid Metabolism and Kidney Inflammation. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	74
109	Investigation of antioxidant, antibacterial, antidiabetic, and cytotoxicity potential of silver nanoparticles synthesized using the outer peel extract of <i>Ananas comosus</i> (L.). <i>PLoS ONE</i> , <b>2019</b> , 14, e0220950	2.7	71
108	Insight into MAS: A Molecular Tool for Development of Stress Resistant and Quality of Rice through Gene Stacking. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 985	6.2	65
107	Green biosynthesis of gold nanoparticles by onion peel extract: Synthesis, characterization and biological activities. <i>Advanced Powder Technology</i> , <b>2016</b> , 27, 2204-2213	4.6	60
106	Phyto-mediated biosynthesis of silver nanoparticles using the rind extract of watermelon ( <i>Citrullus lanatus</i> ) under photo-catalyzed condition and investigation of its antibacterial, anticandidal and antioxidant efficacy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2016</b> , 161, 200-10	6.7	57

105	Green biosynthesis of magnetic iron oxide (FeO) nanoparticles using the aqueous extracts of food processing wastes under photo-catalyzed condition and investigation of their antimicrobial and antioxidant activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2017</b> , 173, 291-300	6.7	55
104	Metabolic diversity and bioactivity screening of mangrove plants: a review. <i>Acta Physiologicae Plantarum</i> , <b>2011</b> , 33, 1051-1061	2.6	55
103	Vasculoprotective Effects of Pomegranate ( L.). <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 544	5.6	53
102	Selected commercial plants: A review of extraction and isolation of bioactive compounds and their pharmacological market value. <i>Trends in Food Science and Technology</i> , <b>2018</b> , 82, 89-109	15.3	47
101	Factors influencing inhibition of eight polycyclic aromatic hydrocarbons in heated meat model system. <i>Food Chemistry</i> , <b>2018</b> , 239, 993-1000	8.5	44
100	Chemical Composition and Antioxidant and Antibacterial Activities of an Essential Oil Extracted from an Edible Seaweed, <i>Laminaria japonica</i> L. <i>Molecules</i> , <b>2015</b> , 20, 12093-113	4.8	42
99	Targeting Inflammation by Flavonoids: Novel Therapeutic Strategy for Metabolic Disorders. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	40
98	Antibacterial Activity and Action Mechanism of the Essential Oil from <i>Enteromorpha linza</i> L. against Foodborne Pathogenic Bacteria. <i>Molecules</i> , <b>2016</b> , 21, 388	4.8	39
97	Antioxidative response to abiotic and biotic stresses in mangrove plants: A review. <i>International Review of Hydrobiology</i> , <b>2016</b> , 101, 3-19	2.3	39
96	Antagonistic Activities and Probiotic Potential of Lactic Acid Bacteria Derived From a Plant-Based Fermented Food. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1963	5.7	38
95	Plants of the genus <i>Vitis</i> : Phenolic compounds, anticancer properties and clinical relevance. <i>Trends in Food Science and Technology</i> , <b>2019</b> , 91, 362-379	15.3	35
94	Green synthesis of silver chloride nanoparticles using <i>Prunus persica</i> L. outer peel extract and investigation of antibacterial, anticandidal, antioxidant potential. <i>Green Chemistry Letters and Reviews</i> , <b>2016</b> , 9, 132-142	4.7	35
93	Current perspectives on genetically modified crops and detection methods. <i>3 Biotech</i> , <b>2017</b> , 7, 219	2.8	33
92	Star anise ( <i>Illicium verum</i> ): Chemical compounds, antiviral properties, and clinical relevance. <i>Phytotherapy Research</i> , <b>2020</b> , 34, 1248-1267	6.7	32
91	Therapeutic Applications of Curcumin Nanomedicine Formulations in Cardiovascular Diseases. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	31
90	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> , <b>2019</b> , 193, 1-7	6.7	31
89	Antioxidant and Free Radical-Scavenging Potential of Essential Oil from <i>Enteromorpha linza</i> L. Prepared by Microwave-Assisted Hydrodistillation. <i>Journal of Food Biochemistry</i> , <b>2015</b> , 39, 80-90	3.3	30
88	Proteasome inhibitory, antioxidant, and synergistic antibacterial and anticandidal activity of green biosynthesized magnetic FeO nanoparticles using the aqueous extract of corn ( <i>Zea mays</i> L.) ear leaves. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2017</b> , 45, 349-356	6.1	29

87	spp. (A Wild Edible Tuber): A Study on Its Ethnopharmacological Potential and Traditional Use by the Local People of Similipal Biosphere Reserve, India. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 52	5.6	28
86	Biosynthesis of silver nanoparticles using aqueous extract of silky hairs of corn and investigation of its antibacterial and anticandidal synergistic activity and antioxidant potential. <i>IET Nanobiotechnology</i> , <b>2016</b> , 10, 326-333	2	28
85	Antibacterial effect of crude extract and metabolites of <i>Phytolacca americana</i> on pathogens responsible for periodontal inflammatory diseases and dental caries. <i>BMC Complementary and Alternative Medicine</i> , <b>2014</b> , 14, 343	4.7	27
84	Metagenomics Approaches in Discovery and Development of New Bioactive Compounds from Marine Actinomycetes. <i>Current Microbiology</i> , <b>2020</b> , 77, 645-656	2.4	27
83	Antioxidant and Antibacterial Properties of Essential Oil Extracted from an Edible Seaweed <i>Undaria Pinnatifida</i> . <i>Journal of Food Biochemistry</i> , <b>2017</b> , 41, e12278	3.3	25
82	Facile green biosynthesis of silver nanoparticles using L. outer peel aqueous extract and its antidiabetic, cytotoxicity, antioxidant, and antibacterial activity. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 6679-6690	7.3	25
81	Chemical analysis techniques and investigation of polycyclic aromatic hydrocarbons in fruit, vegetables and meats and their products. <i>Food Chemistry</i> , <b>2019</b> , 277, 156-161	8.5	24
80	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> , <b>2016</b> , 9, 292-312	0.7	23
79	Essential Oils and Mono/bi/tri-Metallic Nanocomposites as Alternative Sources of Antimicrobial Agents to Combat Multidrug-Resistant Pathogenic Microorganisms: An Overview. <i>Molecules</i> , <b>2020</b> , 25,	4.8	22
78	Current advances in nanocarriers for biomedical research and their applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2018</b> , 46, 1053-1062	6.1	22
77	Antibacterial mechanism of the action of <i>Enteromorpha linza</i> L. essential oil against <i>Escherichia coli</i> and <i>Salmonella Typhimurium</i> . <i>Botanical Studies</i> , <b>2015</b> , 56, 13	2.3	22
76	Dose dependence specific and non-specific immune responses of Indian major carp ( <i>L. rohita</i> Ham) to intraperitoneal injection of formalin killed <i>Aeromonas hydrophila</i> whole cell vaccine. <i>Veterinary Research Communications</i> , <b>2011</b> , 35, 541-52	2.9	22
75	<i>Convolvulus</i> plant-A comprehensive review from phytochemical composition to pharmacy. <i>Phytotherapy Research</i> , <b>2020</b> , 34, 315-328	6.7	22
74	Comparative study of proteasome inhibitory, synergistic antibacterial, synergistic anticandidal, and antioxidant activities of gold nanoparticles biosynthesized using fruit waste materials. <i>International Journal of Nanomedicine</i> , <b>2016</b> , 11, 4691-4705	7.3	22
73	Biosynthesis, and potential effect of fern mediated biocompatible silver nanoparticles by cytotoxicity, antidiabetic, antioxidant and antibacterial, studies. <i>Materials Science and Engineering C</i> , <b>2020</b> , 114, 111011	8.3	21
72	Traditional fermented foods with anti-aging effect: A concentric review. <i>Food Research International</i> , <b>2020</b> , 134, 109269	7	20
71	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> , <b>2018</b> , 188, 116-125	6.7	20
70	Comparative study on antidiabetic, cytotoxicity, antioxidant and antibacterial properties of biosynthesized silver nanoparticles using outer peels of two varieties of ( <i>L.</i> ) Lam. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 4741-4754	7.3	20

69	Biotechnology and Pharmacological Evaluation of Medicinal Plants: An Overview. <i>Journal of Herbs, Spices and Medicinal Plants</i> , <b>2011</b> , 17, 214-248	0.9	20
68	Marine Cyanobacteria and Microalgae Metabolites-A Rich Source of Potential Anticancer Drugs. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	20
67	Volatile compounds and antioxidant capacity of the bio-oil obtained by pyrolysis of Japanese red pine ( <i>Pinus densiflora</i> Siebold and Zucc.). <i>Molecules</i> , <b>2015</b> , 20, 3986-4006	4.8	19
66	Bactericidal Mechanism of Bio-oil Obtained from Fast Pyrolysis of <i>Pinus densiflora</i> Against Two Foodborne Pathogens, <i>Bacillus cereus</i> and <i>Listeria monocytogenes</i> . <i>Foodborne Pathogens and Disease</i> , <b>2015</b> , 12, 529-35	3.8	18
65	Antimicrobial compounds from mangrove plants: A pharmaceutical prospective. <i>Chinese Journal of Integrative Medicine</i> , <b>2014</b> , 20, 311-20	2.9	18
64	Production of $\alpha$ -Amylase by <i>Aspergillus terreus</i> NCFT 4269.10 Using Pearl Millet and Its Structural Characterization. <i>Frontiers in Plant Science</i> , <b>2016</b> , 7, 639	6.2	18
63	A comprehensive review on the applications of nano-biosensor-based approaches for non-communicable and communicable disease detection. <i>Biomaterials Science</i> , <b>2021</b> , 9, 3576-3602	7.4	18
62	Phytochemical profiling and bioactivity of a mangrove plant, <i>Sonneratia apetala</i> , from Odisha Coast of India. <i>Chinese Journal of Integrative Medicine</i> , <b>2015</b> , 21, 274-85	2.9	17
61	Antidiabetic potential of mangrove plants: a review. <i>Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences</i> , <b>2016</b> , 9, 75-88	0.7	16
60	Paclitaxel: Application in Modern Oncology and Nanomedicine-Based Cancer Therapy. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2021</b> , 2021, 3687700	6.7	16
59	Phytochemical constituents, biological activities, and health-promoting effects of the genus <i>Origanum</i> . <i>Phytotherapy Research</i> , <b>2021</b> , 35, 95-121	6.7	16
58	Bactericidal effect of extracts and metabolites of <i>Robinia pseudoacacia</i> L. on <i>Streptococcus mutans</i> and <i>Porphyromonas gingivalis</i> causing dental plaque and periodontal inflammatory diseases. <i>Molecules</i> , <b>2015</b> , 20, 6128-39	4.8	15
57	Nutritional and bioactive potential of two wild edible mushrooms ( <i>Lentinus sajor-caju</i> and <i>Lentinus torulosus</i> ) from Similipal Biosphere Reserve, India. <i>Food Science and Biotechnology</i> , <b>2013</b> , 22, 137-145	3	14
56	Evaluation of nutritional and nutraceutical potentials of three wild edible mushrooms from Similipal Biosphere Reserve, Odisha, India. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , <b>2014</b> , 9, 111-120	2.3	13
55	Anticancer activity and chromatography characterization of methanol extract of <i>Heritiera fomes</i> Buch. Ham., a mangrove plant from Bhitarkanika, India. <i>Oriental Pharmacy and Experimental Medicine</i> , <b>2013</b> , 13, 133-142	2	13
54	Photo-mediated optimized synthesis of silver nanoparticles using the extracts of outer shell fibre of <i>L. fruit</i> and detection of its antioxidant, cytotoxicity and antibacterial potential. <i>Saudi Journal of Biological Sciences</i> , <b>2021</b> , 28, 980-987	4	13
53	Sericin based nanoformulations: a comprehensive review on molecular mechanisms of interaction with organisms to biological applications. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 30	9.4	13
52	Chemical characterization and antioxidant potential of volatile oil from an edible seaweed <i>Porphyra tenera</i> (Kjellman, 1897). <i>Chemistry Central Journal</i> , <b>2017</b> , 11, 34		11

51	The Sustainability Challenge of Food and Environmental Nanotechnology: Current Status and Imminent Perceptions. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	11
50	Green Synthesis of Silver Nanoparticles Using <i>Avicennia officinalis</i> and <i>Xylocarpus granatum</i> Extracts and In vitro Evaluation of Antioxidant, Antidiabetic and Anti-inflammatory Activities. <i>Journal of Cluster Science</i> , <b>2019</b> , 30, 1103-1113	3	10
49	Analysis of metabolomic profile of fermented <i>Orostachys japonicus</i> A. Berger by capillary electrophoresis time of flight mass spectrometry. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181280	3.7	10
48	Poisoning by Medical Plants. <i>Archives of Iranian Medicine</i> , <b>2020</b> , 23, 117-127	2.4	10
47	Cure of tuberculosis using nanotechnology: An overview. <i>Journal of Microbiology</i> , <b>2018</b> , 56, 287-299	3	9
46	A Controlled Fermented Herbal Formula Ameliorates Non-alcoholic Hepatosteatosis in HepG2 Cells and OLETF Rats. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 596	5.6	9
45	Plants of the Genus : An Insight on Its Biological Potentials, Pre-Clinical and Clinical Studies. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 561248	5.6	9
44	spp.: A Review on Its Immune-Stimulatory and Other Biological Potentials. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 602364	5.6	9
43	In Vitro Antibacterial and Antioxidant Studies of <i>Croton roxburghii</i> L., from Similipal Biosphere Reserve. <i>Indian Journal of Microbiology</i> , <b>2011</b> , 51, 363-8	3.7	8
42	Molecular prospect of type-2 diabetes: Nanotechnology based diagnostics and therapeutic intervention. <i>Reviews in Endocrine and Metabolic Disorders</i> , <b>2021</b> , 22, 421-451	10.5	8
41	Effect of Bark Extract on Amelioration of Hyperglycaemia and Oxidative Stress Associated Complications in STZ-Induced Diabetic Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2019</b> , 2019, 8493190	2.3	7
40	Galangal, the multipotent super spices: A comprehensive review. <i>Trends in Food Science and Technology</i> , <b>2020</b> , 101, 50-62	15.3	7
39	Korean traditional foods as antiviral and respiratory disease prevention and treatments: A detailed review. <i>Trends in Food Science and Technology</i> , <b>2021</b> , 116, 415-433	15.3	7
38	Antioxidant activity, antibacterial potential and characterization of active fraction of <i>Dioscorea pentaphylla</i> L. tuber extract collected from Similipal Biosphere Reserve, Odisha, India. <i>Brazilian Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 53,	1.8	6
37	Microbes and Their Role in Drought Tolerance of Agricultural Food Crops <b>2018</b> , 253-273		6
36	Curcumin nanoformulations for antimicrobial and wound healing purposes. <i>Phytotherapy Research</i> , <b>2021</b> , 35, 2487	6.7	6
35	Biofabrication of streptomycin-conjugated calcium phosphate nanoparticles using red ginseng extract and investigation of their antibacterial potential. <i>PLoS ONE</i> , <b>2019</b> , 14, e0217318	3.7	5
34	Biodetoxification of Toxic Heavy Metals by Marine Metal Resistant Bacteria- A Novel Approach for Bioremediation of the Polluted Saline Environment <b>2017</b> , 343-376		5

33	Anti-Listerial Activity of Four Seaweed Essential Oils Against <i>Listeria monocytogenes</i> . <i>Jundishapur Journal of Microbiology</i> , <b>2016</b> , 9, e31784	1.2	5
32	Nutritional and Antioxidant Potential of <i>Aegle marmelos</i> Fermented Fruit Juice. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , <b>2017</b> , 87, 769-775	1.4	4
31	Probiotics: The Ultimate Nutritional Supplement <b>2018</b> , 141-152		4
30	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> , <b>2017</b> , 14, 50-58	3.8	4
29	Agricultural Nanotechnologies: Current Applications and Future Prospects <b>2017</b> , 3-28		4
28	Role of Microbial Technology in Agricultural Sustainability <b>2017</b> , 181-202		4
27	Bioactive Molecules from the <i>Alpinia</i> Genus: A Comprehensive Review. <i>Current Pharmaceutical Biotechnology</i> , <b>2020</b> , 21, 1412-1421	2.6	4
26	Ginger and Heart Health: From Mechanisms to Therapeutics. <i>Current Molecular Pharmacology</i> , <b>2020</b> ,	3.7	4
25	Synthesis of Nanoparticles Utilizing Sources From the Mangrove Environment and Their Potential Applications <b>2019</b> , 219-235		4
24	Cactus: Chemical, nutraceutical composition and potential bio-pharmacological properties. <i>Phytotherapy Research</i> , <b>2021</b> , 35, 1248-1283	6.7	4
23	Chemical Constituents, Antioxidative and Antibacterial Properties of Medicinal Mushrooms Collected from Similipal Biosphere Reserve, Odisha, India. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , <b>2017</b> , 87, 559-570	1.4	3
22	Comparative effects of compost and NPK fertilizer on vegetative growth, protein, and carbohydrate of <i>Moringa oleifera</i> lam hybrid PKM-1. <i>Journal of Plant Nutrition</i> , <b>2018</b> , 41, 1587-1596	2.3	3
21	Microbe-Based Metallic Nanoparticles Synthesis and Biomedical Applications: An Update <b>2018</b> , 395-434		3
20	Antibacterial Effects of Pyrolysis Oil Against <i>Salmonella Typhimurium</i> and <i>Escherichia coli</i> . <i>Foodborne Pathogens and Disease</i> , <b>2016</b> , 13, 13-20	3.8	3
19	TOWARDS A GREENER ENVIRONMENT: SYNTHESIS AND APPLICATIONS OF GREEN NANOPARTICLES. <i>Pakistan Journal of Agricultural Sciences</i> , <b>2016</b> , 53, 345-354	1.5	3
18	Comparative Assessment of Antioxidant, Anti-Diabetic and Cytotoxic Effects of Three Peel/Shell Food Waste Extract-Mediated Silver Nanoparticles. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 9075-9088 <sup>3</sup>	7.3	3
17	Characterization and Evaluation of Multiple Biological Activities of Silver Nanoparticles Fabricated from Dragon Tongue Bean Outer Peel Extract. <i>International Journal of Nanomedicine</i> , <b>2021</b> , 16, 977-987	7.3	3
16	Evaluation of analytical method and risk assessment of polycyclic aromatic hydrocarbons for fishery products in Korea. <i>Food Control</i> , <b>2022</b> , 131, 108421	6.2	3

15	Analytical methods for determination of carbonyl compounds and nicotine in electronic No-Smoking aid refill solutions. <i>Analytical Biochemistry</i> , <b>2020</b> , 588, 113470	3.1	2
14	Fate of Bioactive Compounds during Lactic Acid Fermentation of Fruits and Vegetables.. <i>Foods</i> , <b>2022</b> , 11,	4.9	2
13	Multitherapeutic Efficacy of Curly Kale Extract Fabricated Biogenic Silver Nanoparticles.. <i>International Journal of Nanomedicine</i> , <b>2022</b> , 17, 1125-1137	7.3	2
12	Evaluation of Medicinal Values of <i>Gymnopetalum chinense</i> (Lour.) Merr., a Lesser Known Cucurbit from Eastern Ghats of India. <i>Brazilian Archives of Biology and Technology</i> , <b>2017</b> , 60,	1.8	1
11	Diversity of Plant Species in The Steel City of Odisha, India: Ethnobotany and Implications for Conservation of Urban Bio-Resources. <i>Brazilian Archives of Biology and Technology</i> , <b>2018</b> , 61,	1.8	1
10	Comparative Evaluation of Antibacterial Properties and Phytochemical Profile of Selected Mangrove Plants From Bhitarkanika, India. <i>Journal of Biologically Active Products From Nature</i> , <b>2014</b> , 4, 136-148	0.7	1
9	Biosurfactants: An Agent to Keep Environment Clean <b>2017</b> , 413-428		1
8	Engineered probiotic and prebiotic nutraceutical supplementations in combating non-communicable disorders: A review. <i>Current Pharmaceutical Biotechnology</i> , <b>2020</b> ,	2.6	1
7	Systematics, Phytochemistry, Biological Activities and Health Promoting Effects of the Plants from the Subfamily Bombacoideae (Family Malvaceae). <i>Plants</i> , <b>2021</b> , 10,	4.5	1
6	Current progress of self-healing polymers for medical applications in tissue engineering. <i>Iranian Polymer Journal (English Edition)</i> , <b>2021</b> , 1	2.3	1
5	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> , <b>2021</b> ,	2.6	1
4	Anticancer Potential of Mangrove Plants: Neglected Plant Species of the Marine Ecosystem <b>2018</b> , 303-325		1
3	Biosynthesis of Rutin Trihydrate Loaded Silica Nanoparticles and Investigation of Its Antioxidant, Antidiabetic and Cytotoxic Potentials. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> ,1	3.2	0
2	Insectivorous Plants of India: Sources of Bioactive Compounds to Fight Against Antimicrobial Resistance <b>2018</b> , 305-318		
1	α-amylase and β-glucosidase Inhibition, Antioxidant, Anti- Inflammatory Activity and GC-MS Profiling of Blume. <i>Combinatorial Chemistry and High Throughput Screening</i> , <b>2020</b> , 23, 945-954	1.3	