

# Krishnendu Acharya

## List of Publications by Year in descending order

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Version: 2024-02-01

224  
papers

6,504  
citations

71061

41  
h-index

98753

67  
g-index

230  
all docs

230  
docs citations

230  
times ranked

7186  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan nanoparticles: A positive modulator of innate immune responses in plants. <i>Scientific Reports</i> , 2015, 5, 15195.	1.6	250
2	Synthesis, characterization and antimicrobial activity of dextran stabilized silver nanoparticles in aqueous medium. <i>Carbohydrate Polymers</i> , 2012, 89, 1159-1165.	5.1	227
3	Fungal diversity notes 929â€“1035: taxonomic and phylogenetic contributions on genera and species of fungi. <i>Fungal Diversity</i> , 2019, 95, 1-273.	4.7	203
4	Fungal Planet description sheets: 320â€“370. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2015, 34, 167-266.	1.6	193
5	Fungal Planet description sheets: 400â€“468. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2016, 36, 316-458.	1.6	193
6	Fungal diversity notes 491â€“602: taxonomic and phylogenetic contributions to fungal taxa. <i>Fungal Diversity</i> , 2017, 83, 1-261.	4.7	180
7	CRISPR-Cas9 system: A new-fangled dawn in gene editing. <i>Life Sciences</i> , 2019, 232, 116636.	2.0	160
8	Fungal Planet description sheets: 281â€“319. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2014, 33, 212-289.	1.6	143
9	Fungal Planet description sheets: 558â€“624. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2017, 38, 240-384.	1.6	126
10	Green Synthesized Copper Oxide Nanoparticles Ameliorate Defence and Antioxidant Enzymes in <i>Lens culinaris</i> . <i>Nanomaterials</i> , 2020, 10, 312.	1.9	122
11	Mycosynthesis of selenium nanoparticles. <i>Micro and Nano Letters</i> , 2011, 6, 599.	0.6	119
12	Mycogenesis of gold nanoparticles using a phytopathogen <i>Alternaria alternata</i> . <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 637-643.	1.7	111
13	Anticancer (in vitro) and antimicrobial effect of gold nanoparticles synthesized using <i>Abelmoschus esculentus</i> (L.) pulp extract via a green route. <i>RSC Advances</i> , 2014, 4, 37838.	1.7	111
14	Plants of Genus <i>Mentha</i> : From Farm to Food Factory. <i>Plants</i> , 2018, 7, 70.	1.6	107
15	Cucurbits Plants: A Key Emphasis to Its Pharmacological Potential. <i>Molecules</i> , 2019, 24, 1854.	1.7	106
16	<i>Salvia</i> spp. plants-from farm to food applications and phytopharmacotherapy. <i>Trends in Food Science and Technology</i> , 2018, 80, 242-263.	7.8	93
17	Fungal diversity notes 1387â€“1511: taxonomic and phylogenetic contributions on genera and species of fungal taxa. <i>Fungal Diversity</i> , 2021, 111, 1-335.	4.7	88
18	Anthelmintic Efficacy of Gold Nanoparticles Derived from a Phytopathogenic Fungus, <i>Nigrospora oryzae</i> . <i>PLoS ONE</i> , 2014, 9, e84693.	1.1	86

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19	Biosynthesis and safety evaluation of ZnO nanoparticles. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 165-171.	1.7	81
20	Antioxidant and immunostimulant $\beta$ -glucan from edible mushroom <i>Russula albonigra</i> (Krombh.) Fr.. <i>Carbohydrate Polymers</i> , 2014, 99, 774-782.	5.1	77
21	Green synthesis of copper/copper oxide nanoparticles and their applications: a review. <i>Green Chemistry Letters and Reviews</i> , 2022, 15, 187-215.	2.1	73
22	Insights into Eucalyptus genus chemical constituents, biological activities and health-promoting effects. <i>Trends in Food Science and Technology</i> , 2019, 91, 609-624.	7.8	71
23	Synthesis of methylcellulose-silver nanocomposite and investigation of mechanical and antimicrobial properties. <i>Carbohydrate Polymers</i> , 2012, 90, 1818-1825.	5.1	64
24	Green synthesis of cadmium oxide decorated reduced graphene oxide nanocomposites and its electrical and antibacterial properties. <i>Materials Science and Engineering C</i> , 2019, 99, 696-709.	3.8	62
25	Structural, immunological, and antioxidant studies of $\beta$ -glucan from edible mushroom <i>Entoloma lividoalbum</i> . <i>Carbohydrate Polymers</i> , 2015, 123, 350-358.	5.1	60
26	Pectic polysaccharide from the green fruits of <i>Momordica charantia</i> (Karela): structural characterization and study of immunoenhancing and antioxidant properties. <i>Carbohydrate Research</i> , 2015, 401, 24-31.	1.1	60
27	Cucurbita Plants: From Farm to Industry. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3387.	1.3	60
28	Fungal diversity notes 1277-1386: taxonomic and phylogenetic contributions to fungal taxa. <i>Fungal Diversity</i> , 2020, 104, 1-266.	4.7	60
29	TiO <sub>2</sub> Nanoparticles Co-doped with Nitrogen and Fluorine as Visible-Light-Activated Antifungal Agents. <i>ACS Applied Nano Materials</i> , 2020, 3, 2016-2025.	2.4	58
30	Antibacterial activity of Ag-Au alloy NPs and chemical sensor property of Au NPs synthesized by dextran. <i>Carbohydrate Polymers</i> , 2014, 107, 151-157.	5.1	57
31	Chitosan-induced immunity in <i>Camellia sinensis</i> (L.) O. Kuntze against blister blight disease is mediated by nitric-oxide. <i>Plant Physiology and Biochemistry</i> , 2017, 115, 298-307.	2.8	57
32	<i>In situ</i> synthesis, characterization, and antimicrobial activity of silver nanoparticles using water soluble polymer. <i>Journal of Applied Polymer Science</i> , 2011, 122, 2189-2196.	1.3	53
33	Symphytum Species: A Comprehensive Review on Chemical Composition, Food Applications and Phytopharmacology. <i>Molecules</i> , 2019, 24, 2272.	1.7	52
34	The Pharmacological Activities of <i>Crocus sativus</i> L.: A Review Based on the Mechanisms and Therapeutic Opportunities of its Phytoconstituents. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-29.	1.9	51
35	Structure elucidation and antioxidant properties of a soluble $\beta$ -d-glucan from mushroom <i>Entoloma lividoalbum</i> . <i>International Journal of Biological Macromolecules</i> , 2014, 63, 140-149.	3.6	50
36	Leishmanicidal and Anticandidal Activity of Constituents of Indian Edible Mushroom <i>Astraeus hygrometricus</i> . <i>Chemistry and Biodiversity</i> , 2012, 9, 1517-1524.	1.0	45

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37	A heteroglycan from the mycelia of <i>Pleurotus ostreatus</i> : structure determination and study of antioxidant properties. <i>Carbohydrate Research</i> , 2013, 368, 16-21.	1.1	45
38	Synthesis of RGO/NiO nanocomposites adopting a green approach and its photocatalytic and antibacterial properties. <i>Materials Chemistry and Physics</i> , 2020, 247, 122906.	2.0	45
39	Phytochemical constituents, biological activities, and health-promoting effects of the genus <i>Origanum</i> . <i>Phytotherapy Research</i> , 2021, 35, 95-121.	2.8	45
40	Polysaccharide-rich fraction of <i>Termitomyces eurhizus</i> accelerate healing of indomethacin induced gastric ulcer in mice. <i>Glycoconjugate Journal</i> , 2013, 30, 759-768.	1.4	44
41	Bioreduction of chloroaurate ions to gold nanoparticles by culture filtrate of <i>Pleurotus sapidus</i> Qu&Ouml;l. <i>Materials Letters</i> , 2013, 92, 313-316.	1.3	44
42	FT-MIR supported Electrical Impedance Spectroscopy based study of sugar adulterated honeys from different floral origin. <i>Talanta</i> , 2017, 171, 327-334.	2.9	44
43	Green Synthesis of Silver Nanoparticles Using <i>Paederia foetida</i> L. Leaf Extract and Assessment of Their Antimicrobial Activities. <i>International Journal of Green Nanotechnology</i> , 2012, 4, 230-239.	0.3	43
44	<i>Urtica dioica</i> -Derived Phytochemicals for Pharmacological and Therapeutic Applications. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-30.	0.5	42
45	Structural features and antioxidant activity of a new galactoglucan from edible mushroom <i>Pleurotus djamor</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 168, 743-749.	3.6	40
46	Green synthesis of silver nanoparticles-based nanofluids and investigation of their antimicrobial activities. <i>Microfluidics and Nanofluidics</i> , 2014, 16, 541-551.	1.0	39
47	Enzyme responsive nucleotide functionalized silver nanoparticles with effective antimicrobial and anticancer activity. <i>New Journal of Chemistry</i> , 2017, 41, 1538-1548.	1.4	37
48	<i>Nigella</i> Plants – Traditional Uses, Bioactive Phytoconstituents, Preclinical and Clinical Studies. <i>Frontiers in Pharmacology</i> , 2021, 12, 625386.	1.6	37
49	An eco-friendly route of $\text{Fe}^{3+}$ - $\text{Fe}_2\text{O}_3$ nanoparticles formation and investigation of the mechanical properties of the HPMC- $\text{Fe}^{3+}$ - $\text{Fe}_2\text{O}_3$ nanocomposites. <i>Bioprocess and Biosystems Engineering</i> , 2017, 40, 351-359.	1.7	36
50	Defect-Engineered $\text{MoS}_2$ Nanostructures for Reactive Oxygen Species Generation in the Dark: Antipollutant and Antifungal Performances. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 48179-48191.	4.0	36
51	Synthesis of nanosilica from agricultural wastes and its multifaceted applications: A review. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 37, 102175.	1.5	36
52	<i>Glycyrrhiza</i> Genus: Enlightening Phytochemical Components for Pharmacological and Health-Promoting Abilities. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-20.	1.9	35
53	Structural characterization and antioxidant activity of a glucan from <i>Meripilus giganteus</i> . <i>Carbohydrate Polymers</i> , 2017, 157, 1237-1245.	5.1	34
54	Stimulation of nitric oxide synthesis and protective role of insulin in acute thrombosis in vivo. <i>Life Sciences</i> , 1999, 65, 2687-2696.	2.0	33

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55	Structural elucidation and immunostimulating property of a novel polysaccharide extracted from an edible mushroom <i>Lentinus fusipes</i> . <i>Carbohydrate Polymers</i> , 2017, 157, 1657-1665.	5.1	33
56	Mushrooms: an emerging resource for therapeutic terpenoids. <i>3 Biotech</i> , 2019, 9, 369.	1.1	33
57	Signaling role of nitric oxide in the induction of plant defense by exogenous application of abiotic inducers. <i>Archives of Phytopathology and Plant Protection</i> , 2011, 44, 1501-1511.	0.6	32
58	Structural and immunological studies of hetero polysaccharide isolated from the alkaline extract of <i>Tricholoma crassum</i> (Berk.) Sacc. <i>Carbohydrate Research</i> , 2012, 362, 1-7.	1.1	32
59	A novel triterpene from <i>Astraeus hygrometricus</i> induces reactive oxygen species leading to death in <i>Leishmania donovani</i> . <i>Future Microbiology</i> , 2015, 10, 763-789.	1.0	32
60	Abiotic elicitors mediated elicitation of innate immunity in tomato: an ex vivo comparison. <i>Physiology and Molecular Biology of Plants</i> , 2016, 22, 307-320.	1.4	32
61	Influence of plant growth regulators on callus mediated regeneration and secondary metabolites synthesis in <i>Withania somnifera</i> (L.) Dunal. <i>Physiology and Molecular Biology of Plants</i> , 2013, 19, 117-125.	1.4	31
62	NO way! Says the plant to abiotic stress. <i>Plant Gene</i> , 2017, 11, 99-105.	1.4	31
63	Interaction between Bean and <i>Colletotrichum gloeosporioides</i> : Understanding Through a Biochemical Approach. <i>Plants</i> , 2019, 8, 345.	1.6	31
64	Prospecting <i>Russula senecis</i> : a delicacy among the tribes of West Bengal. <i>PeerJ</i> , 2015, 3, e810.	0.9	31
65	Abiotic Elicitor-Mediated Improvement of Innate Immunity in <i>Camellia sinensis</i> . <i>Journal of Plant Growth Regulation</i> , 2014, 33, 849-859.	2.8	30
66	A new species of <i>Russula</i> (Russulaceae) from India based on morphological and molecular (ITS) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	0.5	29
67	Selective inhibition of <i>Leishmania donovani</i> by active extracts of wild mushrooms used by the tribal population of India: An in vitro exploration for new leads against parasitic protozoans. <i>Experimental Parasitology</i> , 2014, 138, 9-17.	0.5	28
68	Studies on antioxidative and immunostimulating fucogalactan of the edible mushroom <i>Macrolepiota dolichaula</i> . <i>Carbohydrate Research</i> , 2015, 413, 22-29.	1.1	28
69	Heteroglycan of an edible mushroom <i>Termitomyces clypeatus</i> : structure elucidation and antioxidant properties. <i>Carbohydrate Research</i> , 2015, 413, 30-36.	1.1	28
70	Biochemical basis of improvement of defense in tomato plant against <i>Fusarium</i> wilt by CaCl <sub>2</sub> . <i>Physiology and Molecular Biology of Plants</i> , 2017, 23, 581-596.	1.4	28
71	Green conversion of graphene oxide to graphene nanosheets and its biosafety study. <i>PLoS ONE</i> , 2017, 12, e0171607.	1.1	28
72	Influence of a blend of guar gum and poly(vinyl alcohol) on long term stability, and antibacterial and antioxidant efficacies of silver nanoparticles. <i>RSC Advances</i> , 2015, 5, 54059-54069.	1.7	27

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73	Influence of extraction parameters on physico-chemical characters and antioxidant activity of water soluble polysaccharides from <i>Macrocybe gigantea</i> (Masse) Pegler & Lodge. <i>Journal of Food Science and Technology</i> , 2016, 53, 1878-1888.	1.4	27
74	How reliable are non-pollen palynomorphs in tracing vegetation changes and grazing activities? Study from the Darjeeling Himalaya, India. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 475, 23-40.	1.0	27
75	Structural elucidation of an immunoenhancing heteroglycan isolated from <i>Russula albonigra</i> (Krombh.) Fr.. <i>Carbohydrate Polymers</i> , 2013, 94, 918-926.	5.1	26
76	Sublethal Heavy Metal Stress Stimulates Innate Immunity in Tomato. <i>Scientific World Journal</i> , The, 2015, 2015, 1-7.	0.8	26
77	Lewis base controlled supramolecular architectures via non-covalent interactions of dioxomolybdenum( $\nu$ ) complexes with an ONS donor ligand: DFT calculations and biological study. <i>New Journal of Chemistry</i> , 2015, 39, 2778-2794.	1.4	26
78	Nitric oxide and ROS mediate autophagy and regulate <i>Alternaria alternata</i> toxin-induced cell death in tobacco BY-2 cells. <i>Scientific Reports</i> , 2019, 9, 8973.	1.6	26
79	Glucan from hot aqueous extract of an ectomycorrhizal edible mushroom, <i>Russula albonigra</i> (Krombh.) Fr.: structural characterization and study of immunoenhancing properties. <i>Carbohydrate Research</i> , 2012, 363, 43-50.	1.1	25
80	Alkaline extractive crude polysaccharide from <i>Russula senecis</i> possesses antioxidant potential and stimulates innate immunity response. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 1817-1828.	1.2	25
81	Introducing a novel mushroom from mycophagy community with emphasis on biomedical potency. <i>PLoS ONE</i> , 2017, 12, e0178050.	1.1	25
82	Toxicological Effect of Metal Oxide Nanoparticles on Soil and Aquatic Habitats. <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 75, 175-186.	2.1	25
83	Antiviral potential of nanoparticles for the treatment of Coronavirus infections. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022, 72, 126977.	1.5	25
84	A glucan from an ectomycorrhizal edible mushroom <i>Tricholoma crassum</i> (Berk.) Sacc.: isolation, characterization, and biological studies. <i>Carbohydrate Research</i> , 2013, 367, 33-40.	1.1	24
85	Heteroglycan of an edible mushroom <i>Entoloma lividoalbum</i> : Structural characterization and study of its protective role for human lymphocytes. <i>Carbohydrate Polymers</i> , 2014, 114, 157-165.	5.1	24
86	<i>Alternaria alternata</i> culture filtrate mediated bioreduction of chloroplatinate to platinum nanoparticles. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 365-369.	0.9	24
87	Structural studies of a water insoluble $\beta$ -glucan from <i>Pleurotus djamor</i> and its cytotoxic effect against PA1, ovarian carcinoma cells. <i>Carbohydrate Polymers</i> , 2019, 222, 114990.	5.1	24
88	Alkali treated antioxidative crude polysaccharide from <i>Russula alata</i> potentiates murine macrophages by tuning TLR/NF- $\kappa$ B pathway. <i>Scientific Reports</i> , 2019, 9, 1713.	1.6	24
89	Structural and antioxidant studies of a new arabinoxylan from green stem <i>Andrographis paniculata</i> (Kalmegh). <i>Carbohydrate Polymers</i> , 2019, 212, 297-303.	5.1	24
90	<i>Laetiporus sulphureus</i> (Bull.: Fr.) Murr. as Food as Medicine. <i>Pharmacognosy Journal</i> , 2017, 9, s1-s15.	0.3	24

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91	Syntheses, crystal structures, DFT calculations, protein interaction and anticancer activities of water soluble dipicolinic acid-imidazole based oxidovanadium( $\text{VO}^{2+}$ ) complexes. Dalton Transactions, 2017, 46, 16682-16702.	1.6	23
92	Blister blight a threatened problem in tea industry: A review. Journal of King Saud University - Science, 2020, 32, 3265-3272.	1.6	23
93	Apoptogenic effects of <i>Tricholoma giganteum</i> on Ehrlich's ascites carcinoma cell. Bioprocess and Biosystems Engineering, 2013, 36, 101-107.	1.7	22
94	Astrakurkurene, a sesquiterpenoid from wild edible mushroom, targets liver cancer cells by modulating Bcl-2 family proteins. IUBMB Life, 2019, 71, 992-1002.	1.5	22
95	Successful Therapy of Murine Visceral Leishmaniasis with Astrakurkurene, a Triterpene Isolated from the Mushroom <i>Astraeus hygrometricus</i> , Involves the Induction of Protective Cell-Mediated Immunity and TLR9. Antimicrobial Agents and Chemotherapy, 2016, 60, 2696-2708.	1.4	21
96	Crude polysaccharide from a wild mushroom enhances immune response in murine macrophage cells by TLR/NF- $\kappa$ B pathway. Journal of Pharmacy and Pharmacology, 2019, 71, 1311-1323.	1.2	21
97	Include mushroom in daily diet "A strategy for better hepatic health. Food Reviews International, 2016, 32, 68-97.	4.3	20
98	Water Soluble Antioxidative Crude Polysaccharide From <i>Russula senecis</i> Elicits TLR Modulated NF- $\kappa$ B Signaling Pathway and Pro-inflammatory Response in Murine Macrophages. Frontiers in Pharmacology, 2018, 9, 985.	1.6	20
99	Nitric oxide functions as a signal in induced systemic resistance. Archives of Phytopathology and Plant Protection, 2011, 44, 1335-1342.	0.6	19
100	Supramolecular frameworks of binuclear dioxomolybdenum( $\text{VO}_2$ ) complexes with ONS donor ligands using 4,4'-azopyridine as a pillar: crystal structure, DFT calculations and biological study. New Journal of Chemistry, 2015, 39, 8681-8694.	1.4	19
101	Plants of the Genus <i>Lavandula</i> : From Farm to Pharmacy. Natural Product Communications, 2018, 13, 1934578X1801301.	0.2	19
102	Understanding immune-modulatory efficacy in vitro. Chemico-Biological Interactions, 2022, 352, 109776.	1.7	19
103	Biogenic silver nanoparticle synthesis and stabilization for apoptotic activity; insights from experimental and theoretical studies. Chemical Papers, 2020, 74, 4089-4101.	1.0	18
104	Green synthesis of iron oxide nanoparticles and their ameliorative effect on arsenic stress relief in <i>Oryza sativa</i> seedlings. Biocatalysis and Agricultural Biotechnology, 2021, 38, 102207.	1.5	18
105	Antioxidant and antileukemic properties of selected fenugreek ( <i>Trigonella foenum-graecum</i> L.) genotypes grown in western Canada. Canadian Journal of Plant Science, 2011, 91, 99-105.	0.3	17
106	Inventory and spatial ecology of macrofungi in the <i>Shorea robusta</i> forest ecosystem of lateritic region of West Bengal. Biodiversity, 2012, 13, 88-99.	0.5	17
107	Induction of defence response against blister blight by calcium chloride in tea. Archives of Phytopathology and Plant Protection, 2014, 47, 2400-2409.	0.6	17
108	<i>Ex vivo</i> analyses of formulated bio-elicitors from a phytopathogen in the improvement of innate immunity in host. Archives of Phytopathology and Plant Protection, 2016, 49, 485-505.	0.6	17

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109	First report of <i>Alternaria alternata</i> causing leaf spot on <i>Stevia rebaudiana</i> . Plant Pathology, 2007, 56, 723-723.	1.2	16
110	Heteroglycan of an edible mushroom <i>Pleurotus cystidiosus</i> : Structural characterization and study of biological activities. International Journal of Biological Macromolecules, 2017, 95, 833-842.	3.6	16
111	Effect of sulfate application on inhibition of arsenic bioaccumulation in rice ( <i>Oryza sativa</i> L.) with consequent health risk assessment of cooked rice arsenic on human: A pot to plate study. Environmental Pollution, 2022, 293, 118561.	3.7	16
112	Macrofungal diversity and habitat specificity: a case study. Biodiversity, 2013, 14, 147-161.	0.5	15
113	Macrofungal diversity and ecology of the mangrove ecosystem in the Indian part of Sundarbans. Biodiversity, 2013, 14, 196-206.	0.5	15
114	Pharmacognostic standardization and antioxidant capacity of an edible mushroom <i>Laetiporus sulphureus</i> . Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2016, 11, 33-42.	0.5	15
115	Crude polysaccharide from the milky mushroom, <i>Calocybe indica</i> , modulates innate immunity of macrophage cells by triggering MyD88-dependent TLR4/NF- $\kappa$ B pathway. Journal of Pharmacy and Pharmacology, 2021, 73, 70-81.	1.2	15
116	Polyphenolic extract of <i>Termitomyces heimii</i> : antioxidant activity and phytochemical constituents. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2016, 11, 25-31.	0.5	14
117	Impedimetric Approach for Estimating the Presence of Metanil Yellow in Turmeric Powder from Tunable Capacitance Measurement. Food Analytical Methods, 2019, 12, 1017-1027.	1.3	14
118	Executing a Series of Zinc(II) Complexes of Homologous Schiff Base Ligands for a Comparative Analysis on Hydrolytic, Antioxidant, and Antibacterial Activities. ACS Applied Bio Materials, 2020, 3, 4348-4357.	2.3	14
119	Selective in vitro inhibition of <i>Leishmania donovani</i> by a semi-purified fraction of wild mushroom <i>Grifola frondosa</i> . Experimental Parasitology, 2018, 192, 73-84.	0.5	13
120	<i>Peganum</i> spp.: A Comprehensive Review on Bioactivities and Health-Enhancing Effects and Their Potential for the Formulation of Functional Foods and Pharmaceutical Drugs. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-20.	1.9	13
121	Production of Selenium Nanorods by Phytopathogen, <i>Alternaria alternata</i> . Advanced Science Letters, 2012, 10, 111-114.	0.2	13
122	Chemical Composition, Biological Activity, and Health-Promoting Effects of <i>Withania somnifera</i> for Pharma-Food Industry Applications. Journal of Food Quality, 2021, 2021, 1-14.	1.4	13
123	Taxonomic and phylogenetic study on gymnopoid fungi from Eastern India. I. Mycological Progress, 2015, 14, 1.	0.5	12
124	Mushroom: A New Resource for Anti-Angiogenic Therapeutics. Food Reviews International, 2022, 38, 88-109.	4.3	12
125	Unraveling the role of nitric oxide in regulation of defense responses in chilli against <i>Alternaria</i> leaf spot disease. Physiological and Molecular Plant Pathology, 2021, 114, 101621.	1.3	12
126	<i>Russula buyckii</i> , a new species of <i>Russula</i> subgenus <i>Incrustatula</i> from Eastern Himalaya, India. Phytotaxa, 2016, 252, 123.	0.1	11



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127	Characterization and Inception of a Triterpenoid Astrakurkurool, as a Cytotoxic Molecule on Human Hepatocellular Carcinoma Cells, Hep3B. Journal of Agricultural and Food Chemistry, 2019, 67, 7660-7673.	2.4	11
128	Postharvest Diseases of Indian Gooseberry and Their Management: A Review. International Journal of Fruit Science, 2020, 20, 178-190.	1.2	11
129	Hot alkali-extracted antioxidative crude polysaccharide from a novel mushroom enhances immune response via TLR-mediated NF- $\kappa$ B activation: A strategy for full utilization of a neglected tribal food. Journal of Food Biochemistry, 2021, 45, e13594.	1.2	11
130	Exploration of nutritional, antioxidative, antibacterial and anticancer status of <i>Russula alata</i> : towards valorization of a traditionally preferred unique myco-food. Journal of Food Science and Technology, 2021, 58, 2133-2147.	1.4	11
131	An untold story of a novel mushroom from tribal cuisine: an ethno-medicinal, taxonomic and pharmacological approach. Food and Function, 2021, 12, 4679-4695.	2.1	11
132	Prospecting medicinal properties of Lion's mane mushroom. Journal of Food Biochemistry, 2021, 45, e13833.	1.2	11
133	Functional Ingredients and Medicinal Prospects of Ethanol Extract from <i>Macrocybe lobayensis</i> . Pharmacognosy Journal, 2018, 10, 1154-1158.	0.3	11
134	In vitro free radical scavenging activity of wild edible mushroom, <i>Pleurotus squarrosulus</i> (Mont.) Singer. Indian Journal of Experimental Biology, 2010, 48, 1210-8.	0.5	11
135	A New Host for the Parasitic Macrofungus & Marasmius palmivorus; Sharples (Marasmiaceae). Current Science, 2018, 114, 1400.	0.4	10
136	Neutralization by "antineoplastin" of insulin-activated nitric oxide synthase antibody and its effects in cancers. Journal of Cancer Research and Clinical Oncology, 2002, 128, 659-668.	1.2	9
137	<i>Pseudomonas aeruginosa</i> WS-1 for biological control of leaf blight disease of <i>Withania somnifera</i> . Archives of Phytopathology and Plant Protection, 2012, 45, 796-805.	0.6	9
138	Antioxidant and nitric oxide synthase activation properties of water soluble polysaccharides from <i>Pleurotus florida</i> . International Journal of Green Pharmacy, 2013, 7, 182.	0.1	9
139	A new species of <i>Russula</i> (Russulales) from Eastern Himalaya, India. Phytotaxa, 2015, 234, 255.	0.1	9
140	Studies on structure and antioxidant properties of a heteroglycan isolated from wild edible mushroom <i>Lentinus sajor-caju</i> . International Journal of Biological Macromolecules, 2018, 107, 322-331.	3.6	9
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