

Abhijit Dey

List of Publications by Year in descending order

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Version: 2024-02-01

201
papers

4,391
citations

156536

32
h-index

198040

52
g-index

206
all docs

206
docs citations

206
times ranked

3089
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable employment of folkloric botanicals and conservation practices adopted by the inhabitants of Parbati Valley of North Western Himalaya, India in healing substantial corporeal disorders. <i>Advances in Traditional Medicine</i> , 2023, 23, 443-482.	1.0	2
2	Unravelling the phenolic compound reserves, antioxidant and enzyme inhibitory activities of an endemic plant species, <i>Achillea pseudoaleppica</i> . <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 445-456.	2.0	11
3	Cancer chemotherapy and beyond: Current status, drug candidates, associated risks and progress in targeted therapeutics. <i>Genes and Diseases</i> , 2023, 10, 1367-1401.	1.5	152
4	Amelioration of Morpho-structural and Physiological Disorders in Micropropagation of Aloe vera L. by Use of an Aromatic Cytokinin 6-(3-Hydroxybenzylamino) Purine. <i>Journal of Plant Growth Regulation</i> , 2023, 42, 4751-4763.	2.8	4
5	Urban ethnobotany of Kolkata, India: a case study of sustainability, conservation and pluricultural use of medicinal plants in traditional herbal shops. <i>Environment, Development and Sustainability</i> , 2022, 24, 1207-1240.	2.7	7
6	SARS-CoV-2 and other pathogens in municipal wastewater, landfill leachate, and solid waste: A review about virus surveillance, infectivity, and inactivation. <i>Environmental Research</i> , 2022, 203, 111839.	3.7	75
7	Establishment of adventitious root culture from leaf explants of <i>Plumbago zeylanica</i> : an endangered medicinal plant. <i>Vegetos</i> , 2022, 35, 276-280.	0.8	4
8	Differential morphometric and micro-morpho-anatomical responses toward types of culture vessels used in micropropagation of <i>Hemidesmus indicus</i> (L.) R. Br.. <i>Plant Cell, Tissue and Organ Culture</i> , 2022, 148, 439-446.	1.2	4
9	Ethnodermatological use of medicinal plants in India: From ayurvedic formulations to clinical perspectives – A review. <i>Journal of Ethnopharmacology</i> , 2022, 284, 114744.	2.0	55
10	Neoechinulins: Molecular, cellular, and functional attributes as promising therapeutics against cancer and other human diseases. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112378.	2.5	12
11	Promising botanical-derived monoamine oxidase (MAO) inhibitors: pharmacological aspects and structure-activity studies. <i>South African Journal of Botany</i> , 2022, 146, 127-145.	1.2	9
12	In vitro tuberization, genetic, and phytochemical fidelity assessment of <i>Dioscorea deltoidea</i> . <i>Industrial Crops and Products</i> , 2022, 175, 114174.	2.5	8
13	Meta-topolin induced morphometric and structurally stable bulblets in Malabar River Lily (<i>Amaryllidaceae</i>). <i>Plant Cell, Tissue and Organ Culture</i> , 2022, 148, 377-385.	1.2	8
14	Validation of meta-Topolin in organogenesis, improved morpho-physio-chemical responses, and clonal fidelity analysis in <i>Dioscorea pentaphylla</i> L. – an underutilized yam species. <i>South African Journal of Botany</i> , 2022, 145, 284-292.	1.2	6
15	<i>Podophyllum hexandrum</i> and its active constituents: Novel radioprotectants. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112555.	2.5	8
16	Response surface methodology and artificial neural network modeling for optimization of ultrasound-assisted extraction and rapid HPTLC analysis of asiaticoside from <i>Centella asiatica</i> . <i>Industrial Crops and Products</i> , 2022, 176, 114320.	2.5	9
17	Onion (<i>Allium cepa</i> L.) peels: A review on bioactive compounds and biomedical activities. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112498.	2.5	78
18	Unravelling the multi-faceted regulatory role of polyamines in plant biotechnology, transgenics and secondary metabolomics. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 905-929.	1.7	15

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19	Clustered regularly interspaced short palindromic repeats (CRISPR)/CRISPR-associated genome editing toolkit to enhance salt stress tolerance in rice and wheat. <i>Physiologia Plantarum</i> , 2022, 174, e13642.	2.6	17
20	<i>Dendrobium</i> sp.: In vitro Propagation of Genetically Stable Plants and Ethnomedicinal Uses. Reference Series in Phytochemistry, 2022, , 453-493.	0.2	1
21	Safer plant-based nanoparticles for combating antibiotic resistance in bacteria: A comprehensive review on its potential applications, recent advances, and future perspective. <i>Science of the Total Environment</i> , 2022, 821, 153472.	3.9	45
22	Unraveling the promise and limitations of CRISPR/Cas system in natural product research: Approaches and challenges. <i>Biotechnology Journal</i> , 2022, 17, e2100507.	1.8	10
23	Resveratrol™ biotechnological applications: Enlightening its antimicrobial and antioxidant properties. <i>Journal of Herbal Medicine</i> , 2022, 32, 100550.	1.0	42
24	Interplay between Dysbiosis of Gut Microbiome, Lipid Metabolism, and Tumorigenesis: Can Gut Dysbiosis Stand as a Prognostic Marker in Cancer?. <i>Disease Markers</i> , 2022, 2022, 1-15.	0.6	23
25	Evaluation of cytotoxicity and genotoxicity effects of refractory pollutants of untreated and biomethanated distillery effluent using <i>Allium cepa</i> . <i>Environmental Pollution</i> , 2022, 300, 118975.	3.7	21
26	Dioscin: A review on pharmacological properties and therapeutic values. <i>BioFactors</i> , 2022, 48, 22-55.	2.6	23
27	Herbal remedies against Huntington's disease: Preclinical evidences and future directions. , 2022, , 37-69.		0
28	Genetic clonal fidelity assessment of rhizome-derived micropropagated <i>Acorus calamus</i> L. "A medicinally important plant by random amplified polymorphic DNA and inter-simple sequence repeat markers. <i>Pharmacognosy Magazine</i> , 2022, 18, 207.	0.3	3
29	Biotechnology for propagation and secondary metabolite production in <i>Bacopa monnieri</i> . <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 1837-1854.	1.7	8
30	Dynamics of natural product Lupenone as a potential fusion inhibitor against the spike complex of novel Semliki Forest Virus. <i>PLoS ONE</i> , 2022, 17, e0263853.	1.1	25
31	Re-establishing the comprehension of phytomedicine and nanomedicine in inflammation-mediated cancer signaling. <i>Seminars in Cancer Biology</i> , 2022, 86, 1086-1104.	4.3	25
32	Beneficial Role of Selenium (Se) Biofortification in Developing Resilience Against Potentially Toxic Metal and Metalloid Stress in Crops: Recent Trends in Genetic Engineering and Omics Approaches. <i>Journal of Soil Science and Plant Nutrition</i> , 2022, 22, 2347-2377.	1.7	8
33	Molecular mechanisms of developmental pathways in neurological disorders: a pharmacological and therapeutic review. <i>Open Biology</i> , 2022, 12, 210289.	1.5	12
34	Valorization Potential of Tomato (<i>Solanum lycopersicum</i> L.) Seed: Nutraceutical Quality, Food Properties, Safety Aspects, and Application as a Health-Promoting Ingredient in Foods. <i>Horticulturae</i> , 2022, 8, 265.	1.2	23
35	Recent advances in the potential applications of luminescence-based, SPR-based, and carbon-based biosensors. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 2827-2853.	1.7	19
36	Multiple roles for basement membrane proteins in cancer progression and EMT. <i>European Journal of Cell Biology</i> , 2022, 101, 151220.	1.6	29

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37	The ethno-medicinal and pharmaceutical attributes of Bryophytes: A review. <i>Phytomedicine Plus</i> , 2022, 2, 100255.	0.9	14
38	Guava (<i>Psidium guajava</i> L.) seed: A low-volume, high-value byproduct for human health and the food industry. <i>Food Chemistry</i> , 2022, 386, 132694.	4.2	20
39	Birhorns of Purulia: marching toward mainstream of the society. , 2022, , 29-60.		3
40	Favipiravir in SARS-CoV-2 Infection: Is it Worth it?. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2022, 25, 2413-2428.	0.6	7
41	Moringa (<i>Moringa oleifera</i> Lam.) polysaccharides: Extraction, characterization, bioactivities, and industrial application. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 763-778.	3.6	40
42	Cytokinins: A Genetic Target for Increasing Yield Potential in the CRISPR Era. <i>Frontiers in Genetics</i> , 2022, 13, 883930.	1.1	21
43	Probing the Immune System Dynamics of the COVID-19 Disease for Vaccine Designing and Drug Repurposing Using Bioinformatics Tools. <i>Immuno</i> , 2022, 2, 344-371.	0.6	2
44	Apitherapy and Periodontal Disease: Insights into In Vitro, In Vivo, and Clinical Studies. <i>Antioxidants</i> , 2022, 11, 823.	2.2	8
45	Bioactive Based Nanocarriers for the Treatment of Viral Infections and SARS-CoV-2. <i>Nanomaterials</i> , 2022, 12, 1530.	1.9	10
46	Cottonseed feedstock as a source of plant-based protein and bioactive peptides: Evidence based on biofunctionalities and industrial applications. <i>Food Hydrocolloids</i> , 2022, 131, 107776.	5.6	13
47	Betelvine (<i>Piper betle</i> L.): A comprehensive insight into its ethnopharmacology, phytochemistry, and pharmacological, biomedical and therapeutic attributes. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 3083-3119.	1.6	26
48	Moringa oleifera Lam. seed proteins: Extraction, preparation of protein hydrolysates, bioactivities, functional food properties, and industrial application. <i>Food Hydrocolloids</i> , 2022, 131, 107791.	5.6	20
49	Phytotherapy for Attention Deficit Hyperactivity Disorder (ADHD): A Systematic Review and Meta-analysis. <i>Frontiers in Pharmacology</i> , 2022, 13, 827411.	1.6	7
50	Coupled effects of microplastics and heavy metals on plants: Uptake, bioaccumulation, and environmental health perspectives. <i>Science of the Total Environment</i> , 2022, 836, 155619.	3.9	65
51	An Overview of Antimicrobial Stewardship Optimization: The Use of Antibiotics in Humans and Animals to Prevent Resistance. <i>Antibiotics</i> , 2022, 11, 667.	1.5	31
52	CRISPR/Cas Genome Editing in Engineering Plant Secondary Metabolites of Therapeutic Benefits. , 2022, , 187-208.		2
53	From source to sink: mechanistic insight of photoassimilates synthesis and partitioning under high temperature and elevated [CO ₂]. <i>Plant Molecular Biology</i> , 2022, 110, 305-324.	2.0	30
54	Biotechnology for micropropagation and camptothecin production in <i>Ophiorrhiza</i> sp.. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 3851-3877.	1.7	4

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55	Cytokinin influence on in vitro shoot induction and genetic stability assessment of <i>Dendrocalamus latiflorus</i> Munro: a commercially important bamboo in Manipur, North-East India. <i>Vegetos</i> , 2022, 35, 1085-1095.	0.8	6
56	Multidrug Resistance in Cancer Cells: Focus on a Possible Strategy Plan to Address Colon Carcinoma Cells. <i>Life</i> , 2022, 12, 811.	1.1	16
57	Antimicrobial Resistance in the COVID-19 Landscape: Is There an Opportunity for Anti-Infective Antibodies and Antimicrobial Peptides?. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	15
58	Elimination of microplastics from the aquatic milieu: A dream to achieve. <i>Chemosphere</i> , 2022, 303, 135232.	4.2	15
59	A survey on ethnoveterinary medicines used by the tribal migratory shepherds of Northwestern Himalaya. <i>Journal of Ethnopharmacology</i> , 2022, 296, 115467.	2.0	3
60	The soil bacterium, <i>Corynebacterium glutamicum</i> , from biosynthesis of value-added products to bioremediation: A master of many trades. <i>Environmental Research</i> , 2022, 213, 113622.	3.7	15
61	Probiotics: Evolving as a Potential Therapeutic Option against Acetaminophen-Induced Hepatotoxicity. <i>Biomedicines</i> , 2022, 10, 1498.	1.4	7
62	Current advances and research prospects for agricultural and industrial uses of microbial strains available in world collections. <i>Science of the Total Environment</i> , 2022, 842, 156641.	3.9	13
63	Fighting Antimicrobial Resistance with Natural Products - Current Developments and Future Prospects. <i>Current Topics in Medicinal Chemistry</i> , 2022, 22, 1045-1045.	1.0	2
64	<i>Carica papaya</i> L. Leaves: Deciphering Its Antioxidant Bioactives, Biological Activities, Innovative Products, and Safety Aspects. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-20.	1.9	12
65	Biotechnological interventions and indole alkaloid production in <i>Rauvolfia serpentina</i> . <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 4867-4883.	1.7	7
66	Inapt management of menstrual hygiene waste (MHW): An urgent global environmental and public health challenge in developed and developing countries. <i>Heliyon</i> , 2022, 8, e09859.	1.4	3
67	Cellular landscaping of cisplatin resistance in cervical cancer. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113345.	2.5	22
68	Polyamine elicited aristolochic acid production in in vitro clonally fidel <i>Aristolochia indica</i> L.: An ISSR and RAPD markers and HPTLC based study. <i>South African Journal of Botany</i> , 2021, 140, 326-335.	1.2	18
69	Unraveling the medicinal potential and conservation of Indian <i>Crinum</i> (Amaryllidaceae) species. <i>South African Journal of Botany</i> , 2021, 136, 7-15.	1.2	22
70	Sustainable utilization of medicinal plants and conservation strategies practiced by the aboriginals of Purulia district, India: a case study on therapeutics used against some tropical otorhinolaryngologic and ophthalmic disorders. <i>Environment, Development and Sustainability</i> , 2021, 23, 5576-5613.	2.7	7
71	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
72	Chemotaxonomy of the ethnic antidote <i>Aristolochia indica</i> for aristolochic acid content: Implications of anti-phospholipase activity and genotoxicity study. <i>Journal of Ethnopharmacology</i> , 2021, 266, 113416.	2.0	10

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73	CRISPR/Cas genome editing to optimize pharmacologically active plant natural products. <i>Pharmacological Research</i> , 2021, 164, 105359.	3.1	20
74	Biotechnological strategies for the sustainable production of diosgenin from <i>Dioscorea</i> spp.. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 569-585.	1.7	25
75	Micropropagation of Bamboos and Clonal Fidelity Assessment Using Molecular Markers. , 2021, , 145-185.		4
76	Bioactive natural products of endophytic fungal origin: Production, activity and biotechnology. , 2021, , 177-199.		0
77	Role of Jasmonic Acid and Salicylic Acid Signaling in Secondary Metabolite Production. <i>Signaling and Communication in Plants</i> , 2021, , 87-113.	0.5	3
78	Advancing urban ethnopharmacology: a modern concept of sustainability, conservation and cross-cultural adaptations of medicinal plant lore in the urban environment. , 2021, 9, coab073.		15
79	Recent advances and future prospects of indole alkaloids producing endophytes from <i>Catharanthus roseus</i> . , 2021, , 449-472.		0
80	RAPD, ISSR, and SCoT markers based genetic stability assessment of micropropagated <i>Dendrobium fimbriatum</i> Lindl. var. <i>oculatum</i> Hk. f.- an important endangered orchid. <i>Physiology and Molecular Biology of Plants</i> , 2021, 27, 341-357.	1.4	37
81	Screening the elite chemotypes of <i>Gloriosa superba</i> L. in India for the production of anticancer colchicine: simultaneous microwave-assisted extraction and HPTLC studies. <i>BMC Plant Biology</i> , 2021, 21, 77.	1.6	9
82	Meta-topolin and liquid medium mediated enhanced micropropagation via ex vitro rooting in <i>Vanilla planifolia</i> Jacks. ex Andrews. <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 146, 69-82.	1.2	30
83	Therapeutic strategies to overcome taxane resistance in cancer. <i>Drug Resistance Updates</i> , 2021, 55, 100754.	6.5	103
84	Regulatory role of long non coding RNAs (lncRNAs) in neurological disorders: From novel biomarkers to promising therapeutic strategies. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021, 16, 533-550.	4.3	19
85	Biotechnological interventions and genetic diversity assessment in <i>Swertia</i> sp.: a myriad source of valuable secondary metabolites. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 4427-4451.	1.7	12
86	<i>Cinnamomum</i> Species: Bridging Phytochemistry Knowledge, Pharmacological Properties and Toxicological Safety for Health Benefits. <i>Frontiers in Pharmacology</i> , 2021, 12, 600139.	1.6	89
87	HPTLC quantification of diosgenin in <i>Dioscorea deltoidea</i> : Evaluation of extraction efficacy, organ selection, drying method and seasonal variation. <i>South African Journal of Botany</i> , 2021, 138, 386-393.	1.2	12
88	Understanding the genetic diversity and population structure of <i>Dendrobium chrysotoxum</i> Lindl.-An endangered medicinal orchid and implication for its conservation. <i>South African Journal of Botany</i> , 2021, 138, 364-376.	1.2	18
89	Influence of meta-topolin on in vitro propagation and foliar micro-morpho-anatomical developments of <i>Oxystelma esculentum</i> (L.f.) Sm. <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 147, 325-337.	1.2	21
90	CRISPR-Cas genome-editing tool in plant abiotic stress-tolerance. <i>Plant Gene</i> , 2021, 26, 100286.	1.4	13

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91	Elicitation of industrially promising vanillin type aromatic compound 2-hydroxy 4-methoxy benzaldehyde (MBAID) yield in the in-vitro raised medicinal crop <i>Hemidesmus indicus</i> (L) R. Br. by methyl jasmonate and salicylic acid. <i>Industrial Crops and Products</i> , 2021, 164, 113375.	2.5	16
92	Therapeutic Potential of Neoechinulins and Their Derivatives: An Overview of the Molecular Mechanisms Behind Pharmacological Activities. <i>Frontiers in Nutrition</i> , 2021, 8, 664197.	1.6	29
93	Exploring Phytochemicals for Combating Antibiotic Resistance in Microbial Pathogens. <i>Frontiers in Pharmacology</i> , 2021, 12, 720726.	1.6	81
94	Optimization of diosgenin extraction from <i>Dioscorea deltoidea</i> tubers using response surface methodology and artificial neural network modelling. <i>PLoS ONE</i> , 2021, 16, e0253617.	1.1	7
95	Morpho-anatomical and physiological changes of Indian sandalwood (<i>Santalum album</i> L.) plantlets in ex vitro conditions to support successful acclimatization for plant mass production. <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 147, 423-435.	1.2	18
96	Bacosides from <i>Bacopa monnieri</i> extract: An overview of the effects on neurological disorders. <i>Phytotherapy Research</i> , 2021, 35, 5668-5679.	2.8	47
97	CRISPER/Cas in plant natural product research: therapeutics as anticancer and other drug candidates and recent patents. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2021, 16, 460-468.	0.8	4
98	Ethnobotany, phytochemistry, pharmacology, and toxicity of <i>Centella asiatica</i> (L.) Urban: A comprehensive review. <i>Phytotherapy Research</i> , 2021, 35, 6624-6654.	2.8	21
99	Optimization of harvest and extraction factors by full factorial design for the improved yield of C-glucosyl xanthone mangiferin from <i>Swertia chirata</i> . <i>Scientific Reports</i> , 2021, 11, 16346.	1.6	5
100	Wonder or evil?: Multifaceted health hazards and health benefits of <i>Cannabis sativa</i> and its phytochemicals. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 7290-7313.	1.8	24
101	Plant-Based Antioxidant Extracts and Compounds in the Management of Oral Cancer. <i>Antioxidants</i> , 2021, 10, 1358.	2.2	26
102	Application of natural antimicrobials in food preservation: Recent views. <i>Food Control</i> , 2021, 126, 108066.	2.8	109
103	Cannabinoid Type-2 Receptor Agonist, JWH133 May Be a Possible Candidate for Targeting Infection, Inflammation, and Immunity in COVID-19. <i>Immuno</i> , 2021, 1, 285-304.	0.6	1
104	Herbal drugs and natural bioactive products as potential therapeutics: A review on pro-cognitives and brain boosters perspectives. <i>Saudi Pharmaceutical Journal</i> , 2021, 29, 879-907.	1.2	36
105	Deciphering the focal role of endostatin in Alzheimer's disease. <i>Environmental Science and Pollution Research</i> , 2021, 28, 61998-62011.	2.7	2
106	Unravelling the regulatory role of miRNAs in secondary metabolite production in medicinal crops. <i>Plant Gene</i> , 2021, 27, 100303.	1.4	7
107	Recent Advances in Cardiac Tissue Engineering for the Management of Myocardium Infarction. <i>Cells</i> , 2021, 10, 2538.	1.8	19
108	<i>Cyperus</i> spp.: A Review on Phytochemical Composition, Biological Activity, and Health-Promoting Effects. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-17.	1.9	21

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109	Mitochondrial defects: An emerging theranostic avenue towards Alzheimer's associated dysregulations. <i>Life Sciences</i> , 2021, 285, 119985.	2.0	8
110	Fungal Endophyte: An Interactive Endosymbiont With the Capability of Modulating Host Physiology in Myriad Ways. <i>Frontiers in Plant Science</i> , 2021, 12, 701800.	1.7	33
111	Statistical optimization of in vitro callus induction of wild and cultivated varieties of <i>Mucuna pruriens</i> L. (DC.) using response surface methodology and assessment of L-Dopa biosynthesis. <i>Industrial Crops and Products</i> , 2021, 169, 113626.	2.5	16
112	<i>Withania somnifera</i> (L.) Dunal (Ashwagandha): A comprehensive review on ethnopharmacology, pharmacotherapeutics, biomedical and toxicological aspects. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112175.	2.5	77
113	<i>Dendrobium</i> sp.: In vitro Propagation of Genetically Stable Plants and Ethno-medicinal Uses. <i>Reference Series in Phytochemistry</i> , 2021, , 1-42.	0.2	3
114	TLR-Mediated Signal Transduction and Neurodegenerative Disorders. <i>Brain Sciences</i> , 2021, 11, 1373.	1.1	18
115	Biotechnological interventions of in vitro propagation and production of valuable secondary metabolites in <i>Stevia rebaudiana</i> . <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 8593-8614.	1.7	9
116	Garlic (<i>Allium sativum</i> L.) Bioactives and Its Role in Alleviating Oral Pathologies. <i>Antioxidants</i> , 2021, 10, 1847.	2.2	40
117	Immunological Mechanisms of Vaccine-Induced Protection against SARS-CoV-2 in Humans. <i>Immuno</i> , 2021, 1, 442-456.	0.6	7
118	Biotechnology of camptothecin production in <i>Nothapodytes nimmoniana</i> , <i>Ophiorrhiza</i> sp. and <i>Camptotheca acuminata</i> . <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 9089-9102.	1.7	16
119	Anticancer Applications and Pharmacological Properties of Piperidine and Piperine: A Comprehensive Review on Molecular Mechanisms and Therapeutic Perspectives. <i>Frontiers in Pharmacology</i> , 2021, 12, 772418.	1.6	37
120	Target Specific Inhibition of Protein Tyrosine Kinase in Conjunction With Cancer and SARS-COV-2 by Olive Nutraceuticals. <i>Frontiers in Pharmacology</i> , 2021, 12, 812565.	1.6	17
121	<i>Moringa oleifera</i> Lam. and derived phytochemicals as promising antiviral agents: A review. <i>South African Journal of Botany</i> , 2020, 129, 272-282.	1.2	62
122	Selection of elite germplasms for industrially viable medicinal crop <i>Bacopa monnieri</i> for bacoside A production: An HPTLC-coupled chemotaxonomic study. <i>Industrial Crops and Products</i> , 2020, 158, 112975.	2.5	8
123	Methyl jasmonate and salicylic acid elicit indole alkaloid production and modulate antioxidant defence and biocidal properties in <i>Rauvolfia serpentina</i> Benth. ex Kurz. in vitro cultures. <i>South African Journal of Botany</i> , 2020, 135, 1-17.	1.2	29
124	Advances in bioactive compounds from <i>Crocus sativus</i> (saffron): Structure, bioactivity and biotechnology. <i>Studies in Natural Products Chemistry</i> , 2020, 66, 273-304.	0.8	2
125	Biotechnological strategies for production of camptothecin from fungal and bacterial endophytes. <i>South African Journal of Botany</i> , 2020, 134, 135-145.	1.2	9
126	In vitro propagation and assessment of genetic fidelity in <i>Dioscorea deltoidea</i> , a potent diosgenin yielding endangered plant. <i>South African Journal of Botany</i> , 2020, , .	1.2	20

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127	Implications of phytochemicals as disease-modifying agents against Huntington's disease (HD): Bioactivity, animal models and transgenics, synergism and structure-activity studies. <i>Studies in Natural Products Chemistry</i> , 2020, , 27-79.	0.8	2
128	Bibenzyls and bisbenzyls of bryophytic origin as promising source of novel therapeutics: pharmacology, synthesis and structure-activity. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020, 28, 701-734.	0.9	27
129	<i>Hemidesmus indicus</i> L. Br.: critical assessment of in vitro biotechnological advancements and perspectives. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 8517-8548.	1.7	5
130	Optimization of salicylic acid and chitosan treatment for bitter secoiridoid and xanthone glycosides production in shoot cultures of <i>Swertia paniculata</i> using response surface methodology and artificial neural network. <i>BMC Plant Biology</i> , 2020, 20, 225.	1.6	44
131	Endophytic sources of diosgenin, a natural steroid with multiple therapeutic values. <i>South African Journal of Botany</i> , 2020, 134, 119-125.	1.2	17
132	Validation and quantification of major biomarkers in "Mahasudarshan Churna"™- an ayurvedic polyherbal formulation through high-performance thin-layer chromatography. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 184.	1.2	14
133	Plant Natural Products as Neuroprotective Nutraceuticals: Preclinical and Clinical Studies and Future Implications. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2020, 90, 929-943.	0.4	5
134	Indian Sarsaparilla (<i>Hemidesmus indicus</i>): Recent progress in research on ethnobotany, phytochemistry and pharmacology. <i>Journal of Ethnopharmacology</i> , 2020, 254, 112609.	2.0	35
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