Samapika Nandy

List of Publications by Year
in descending order

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39 papers	712 citations	643344 15 h-index	651938 25 g-index
41 all docs	41 docs citations	41 times ranked	492 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. Advances in Traditional Medicine, 2023, 23, 443-482.	1.0	2
2	Urban ethnobotany of Kolkata, India: a case study of sustainability, conservation and pluricultural use of medicinal plants in traditional herbal shops. Environment, Development and Sustainability, 2022, 24, 1207-1240.	2.7	7
3	Ethnodermatological use of medicinal plants in India: From ayurvedic formulations to clinical perspectives â€“ A review. Journal of Ethnopharmacology, 2022, 284, 114744.	2.0	55
4	Unravelling the multi-faceted regulatory role of polyamines in plant biotechnology, transgenics and secondary metabolomics. Applied Microbiology and Biotechnology, 2022, 106, 905-929.	1.7	15
5	Polyamine elicited aristolochic acid production in in vitro clonally fidel Aristolochia indica L.: An ISSR and RAPD markers and HPTLC based study. South African Journal of Botany, 2021, 140, 326-335.	1.2	18
6	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. Environment, Development and Sustainability, 2021, 23, 5576-5613.	2.7	7
7	Chemotaxonomy of the ethnic antidote Aristolochia indica for aristolochic acid content: Implications of anti-phospholipase activity and genotoxicity study. Journal of Ethnopharmacology, 2021, 266, 113416.	2.0	10
8	Role of Jasmonic Acid and Salicylic Acid Signaling in Secondary Metabolite Production. Signaling and Communication in Plants, 2021, , 87-113.	0.5	3
9	Elicitation of industrially promising vanillin type aromatic compound 2-hydroxy 4-methoxy benzaldehyde (MBAlD) yield in the in-vitro raised medicinal crop Hemidesmus indicus (L) R. Br. by methyl jasmonate and salicylic acid. Industrial Crops and Products, 2021, 164, 113375.	2.5	16
10	Bacosides from <scp>Bacopa monnieri</scp> extract: An overview of the effects on neurological disorders. Phytotherapy Research, 2021, 35, 5668-5679.	2.8	47
11	CRISPER/Cas in plant natural product research: therapeutics as anticancer and other drug candidates and recent patents. Recent Patents on Anti-Cancer Drug Discovery, 2021, 16, 460-468.	0.8	4
12	Ethnobotany, phytochemistry, pharmacology, and toxicity of Centella asiatica (L.) Urban: A comprehensive review. Phytotherapy Research, 2021, 35, 6624-6654.	2.8	21
13	Wonder or evil?: Multifaceted health hazards and health benefits of Cannabis sativa and its phytochemicals. Saudi Journal of Biological Sciences, 2021, 28, 7290-7313.	1.8	24
14	Herbal drugs and natural bioactive products as potential therapeutics: A review on pro-cognitives and brain boosters perspectives. Saudi Pharmaceutical Journal, 2021, 29, 879-907.	1.2	36
15	Statistical optimization of in vitro callus induction of wild and cultivated varieties of Mucuna pruriens L. (DC.) using response surface methodology and assessment of L-Dopa biosynthesis. Industrial Crops and Products, 2021, 169, 113626.	2.5	16
16	Withania somnifera (L.) Dunal (Ashwagandha): A comprehensive review on ethnopharmacology, pharmacotherapeutics, biomedicinal and toxicological aspects. Biomedicine and Pharmacotherapy, 2021, 143, 112175.	2.5	77
17	Moringa oleifera Lam. and derived phytochemicals as promising antiviral agents: A review. South African Journal of Botany, 2020, 129, 272-282.	1.2	62
18	Selection of elite germplasms for industrially viable medicinal crop Bacopa monnieri for bacoside A production: An HPTLC-coupled chemotaxonomic study. Industrial Crops and Products, 2020, 158, 112975.	2.5	8

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19	Methyl jasmonate and salicylic acid elicit indole alkaloid production and modulate antioxidant defence and biocidal properties in Rauvolfia serpentina Benth. ex Kurz. in vitro cultures. South African Journal of Botany, 2020, 135, 1-17.	1.2	29
20	Advances in bioactive compounds from Crocus sativus (saffron): Structure, bioactivity and biotechnology. Studies in Natural Products Chemistry, 2020, 66, 273-304.	0.8	2
21	Implications of phytochemicals as disease-modifying agents against Huntington's disease (HD): Bioactivity, animal models and transgenics, synergism and structureâ€“activity studies. Studies in Natural Products Chemistry, 2020, , 27-79.	0.8	2
22	Bibenzyls and bisbybenzyls of bryophytic origin as promising source of novel therapeutics: pharmacology, synthesis and structure-activity. DARU, Journal of Pharmaceutical Sciences, 2020, 28, 701-734.	0.9	27
23	Hemidesmus indicus L. Br.: critical assessment of in vitro biotechnological advancements and perspectives. Applied Microbiology and Biotechnology, 2020, 104, 8517-8548.	1.7	5
24	Endophytic sources of diosgenin, a natural steroid with multiple therapeutic values. South African Journal of Botany, 2020, 134, 119-125.	1.2	17
25	Fungal endophytes: Futuristic tool in recent research area of phytoremediation. South African Journal of Botany, 2020, 134, 285-295.	1.2	17
26	Plant Natural Products as Neuroprotective Nutraceuticals: Preclinical and Clinical Studies and Future Implications. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2020, 90, 929-943.	0.4	5
27	Indian Sarsaparilla (Hemidesmus indicus): Recent progress in research on ethnobotany, phytochemistry and pharmacology. Journal of Ethnopharmacology, 2020, 254, 112609.	2.0	35
28	A review on antimicrobial botanicals, phytochemicals and natural resistance modifying agents from Apocynaceae family: Possible therapeutic approaches against multidrug resistance in pathogenic microorganisms. Drug Resistance Updates, 2020, 51, 100695.	6.5	82
29	Endophytes producing podophyllotoxin from Podophyllum sp. and other plants: A review on isolation, extraction and bottlenecks. South African Journal of Botany, 2020, 134, 303-313.	1.2	10
30	Current Knowledge of Cinnamomum Species: A Review on the Bioactive Components, Pharmacological Properties, Analytical and Biotechnological Studies. , 2020, , 127-164.		2
31	Genomics and Genetic Engineering for Polyamine-Mediated Tolerance of Rice Against Pathogen Infection. , 2020, , 93-105.		0
32	Bacopa monnieri: The Neuroprotective Elixir from the Eastâ€”Phytochemistry, Pharmacology, and Biotechnological Improvement. , 2020, , 97-126.		2
33	Neoteric research trends in marine fungi as promising and alternate sources of anticancer phytochemicals. , 2020, , 103-119.		0
34	Phytoestrogens as Anticancer Therapeutics: A Retrospective and Future Perspectives. Journal of Biologically Active Products From Nature, 2019, 9, 179-196.	0.1	1
35	Enhanced bacoside content in polyamine treated in-vitro raised Bacopa monnieri (L.) Wettst. South African Journal of Botany, 2019, 123, 259-269.	1.2	37
36	Advances in dammarane-type triterpenoid saponins from Bacopa monnieri: Structure, bioactivity, biotechnology and neuroprotection. Studies in Natural Products Chemistry, 2019, , 489-533.	0.8	5

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37	Plant-Based Natural Products Against Huntingtonâ€™s Disease: Preclinical and Clinical Studies. , 2019, , 135-166.		0
38	Anti-insomniac Botanicals and Natural Products: Pre-clinical and Clinical Evidences. Journal of Biologically Active Products From Nature, 2018, 8, 295-311.	0.1	1
39	Efficacious Naturally Occurring Anti-cerebral Ischaemia Extracts, Compounds and Formulations Data from Animal Models. Journal of Biologically Active Products From Nature, 2017, 7, 178-199.	0.1	1