

# Samapika Nandy

## List of Publications by Year in Descending Order

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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.

41  
papers

254  
citations

11  
h-index

14  
g-index

41  
ext. papers

472  
ext. citations

4.1  
avg, IF

4.01  
L-index

#	Paper	IF	Citations
41	Unravelling the multi-faceted regulatory role of polyamines in plant biotechnology, transgenics and secondary metabolomics.. <i>Applied Microbiology and Biotechnology</i> , <b>2022</b> , 106, 905	5.7	2
40	Molecular Markers in Assessing Genetic Clonal Fidelity for in Vitro Propagated Endangered Medicinal Plants <b>2022</b> , 97-149		0
39	Ethnodermatological use of medicinal plants in India: From ayurvedic formulations to clinical perspectives - A review. <i>Journal of Ethnopharmacology</i> , <b>2022</b> , 284, 114744	5	13
38	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> , <b>2021</b> , 164, 113375	5.9	2
37	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> , <b>2021</b> , 23, 5554-5568	4.5	2
36	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> , <b>2021</b> , 266, 113416	5	3
35	Role of Jasmonic Acid and Salicylic Acid Signaling in Secondary Metabolite Production. <i>Signaling and Communication in Plants</i> , <b>2021</b> , 87-113	1	0
34	Bacosides from <i>Bacopa monnieri</i> extract: An overview of the effects on neurological disorders. <i>Phytotherapy Research</i> , <b>2021</b> , 35, 5668-5679	6.7	17
33	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> , <b>2021</b> , 16, 460-468	2.6	1
32	Ethnobotany, phytochemistry, pharmacology, and toxicity of <i>Centella asiatica</i> (L.) Urban: A comprehensive review. <i>Phytotherapy Research</i> , <b>2021</b> ,	6.7	3
31	Wonder or evil?: Multifaceted health hazards and health benefits of and its phytochemicals. <i>Saudi Journal of Biological Sciences</i> , <b>2021</b> , 28, 7290-7313	4	11
30	Herbal drugs and natural bioactive products as potential therapeutics: A review on pro-cognitives and brain boosters perspectives. <i>Saudi Pharmaceutical Journal</i> , <b>2021</b> , 29, 879-907	4.4	13
29	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> , <b>2021</b> , 169, 113626	5.9	8
28	<i>Withania somnifera</i> (L.) Dunal (Ashwagandha): A comprehensive review on ethnopharmacology, pharmacotherapeutics, biomedical and toxicological aspects. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 143, 112175	7.5	15
27	Endophytic sources of diosgenin, a natural steroid with multiple therapeutic values. <i>South African Journal of Botany</i> , <b>2020</b> , 134, 119-125	2.9	9
26	Fungal endophytes: Futuristic tool in recent research area of phytoremediation. <i>South African Journal of Botany</i> , <b>2020</b> , 134, 285-295	2.9	5
25	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> , <b>2020</b> , 90, 929-943	1.4	3

24	Indian Sarsaparilla ( <i>Hemidesmus indicus</i> ): Recent progress in research on ethnobotany, phytochemistry and pharmacology. <i>Journal of Ethnopharmacology</i> , <b>2020</b> , 254, 112609	5	17
23	A review on antimicrobial botanicals, phytochemicals and natural resistance modifying agents from Apocynaceae family: Possible therapeutic approaches against multidrug resistance in pathogenic microorganisms. <i>Drug Resistance Updates</i> , <b>2020</b> , 51, 100695	23.2	34
22	Endophytes producing podophyllotoxin from <i>Podophyllum</i> sp. and other plants: A review on isolation, extraction and bottlenecks. <i>South African Journal of Botany</i> , <b>2020</b> , 134, 303-313	2.9	2
21	<i>Bacopa monnieri</i> : The Neuroprotective Elixir from the East Phytochemistry, Pharmacology, and Biotechnological Improvement <b>2020</b> , 97-126		
20	Neoteric research trends in marine fungi as promising and alternate sources of anticancer phytochemicals <b>2020</b> , 103-119		
19	Genomics and Genetic Engineering for Polyamine-Mediated Tolerance of Rice Against Pathogen Infection <b>2020</b> , 93-105		
18	Current Knowledge of <i>Cinnamomum</i> Species: A Review on the Bioactive Components, Pharmacological Properties, Analytical and Biotechnological Studies <b>2020</b> , 127-164		1
17	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> , <b>2020</b> , 158, 112975	5.9	4
16	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> , <b>2020</b> , 135, 1-17	2.9	13
15	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> , <b>2020</b> , 140, 326-326	2.9	8
14	Advances in bioactive compounds from <i>Crocus sativus</i> (saffron): Structure, bioactivity and biotechnology. <i>Studies in Natural Products Chemistry</i> , <b>2020</b> , 66, 273-304	1.5	1
13	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> , <b>2020</b> , 27-79	1.5	0
12	Bibenzyls and bisbenzyls of bryophytic origin as promising source of novel therapeutics: pharmacology, synthesis and structure-activity. <i>DARU, Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 28, 701-734	3.9	13
11	<i>Hemidesmus indicus</i> L. Br.: critical assessment of in vitro biotechnological advancements and perspectives. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 8517-8548	5.7	1
10	<i>Moringa oleifera</i> Lam. and derived phytochemicals as promising antiviral agents: A review. <i>South African Journal of Botany</i> , <b>2020</b> , 129, 272-282	2.9	26
9	Phytoestrogens as Anticancer Therapeutics: A Retrospective and Future Perspectives. <i>Journal of Biologically Active Products From Nature</i> , <b>2019</b> , 9, 179-196	0.7	1
8	Enhanced bacoside content in polyamine treated in-vitro raised <i>Bacopa monnieri</i> (L.) Wettst. <i>South African Journal of Botany</i> , <b>2019</b> , 123, 259-269	2.9	21
7	Plant-Based Natural Products Against Huntington's Disease: Preclinical and Clinical Studies <b>2019</b> , 135-166		

6	Advances in dammarane-type triterpenoid saponins from <i>Bacopa monnieri</i> : Structure, bioactivity, biotechnology and neuroprotection. <i>Studies in Natural Products Chemistry</i> , <b>2019</b> , 489-533	1.5	1
5	Recent Trends in Drug Discovery against Alzheimer's Disease: Use of Natural Products and Nutraceuticals from Botanicals <b>2018</b> , 237-278		1
4	Anti-insomniac Botanicals and Natural Products: Pre-clinical and Clinical Evidences. <i>Journal of Biologically Active Products From Nature</i> , <b>2018</b> , 8, 295-311	0.7	1
3	Efficacious Naturally Occurring Anti-cerebral Ischaemia Extracts, Compounds and Formulations Data from Animal Models. <i>Journal of Biologically Active Products From Nature</i> , <b>2017</b> , 7, 178-199	0.7	1
2	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> , 1	4.5	1
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> , 1	1.4	0