

# Sanghamitra Nayak

## List of Publications by Year in descending order

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125  
papers

2,014  
citations

257450  
24  
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37  
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125  
all docs

125  
docs citations

125  
times ranked

1842  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fungal disease detection in plants: Traditional assays, novel diagnostic techniques and biosensors. Biosensors and Bioelectronics, 2017, 87, 708-723.	10.1	151
2	Bioleaching of manganese by <i>Aspergillus</i> sp. isolated from mining deposits. Chemosphere, 2017, 172, 302-309.	8.2	75
3	Chemical diversity, antioxidant and antimicrobial activities of the essential oils from Indian populations of <i>Hedychium coronarium</i> Koen. Industrial Crops and Products, 2018, 112, 353-362.	5.2	73
4	Application of Artificial Neural Network modeling for optimization and prediction of essential oil yield in turmeric ( <i>Curcuma longa</i> L.). Computers and Electronics in Agriculture, 2018, 148, 160-178.	7.7	62
5	Chemical composition and antioxidant activity of essential oil from leaves and rhizomes of <i>Curcuma angustifolia</i> Roxb. Natural Product Research, 2017, 31, 2188-2191.	1.8	59
6	In vitro multiplication and microrhizome induction in <i>Curcuma aromatica</i> Salisb.. Plant Growth Regulation, 2000, 32, 41-47.	3.4	55
7	Chemical Composition of Turmeric Oil ( <i>Curcuma longa</i> L. cv. Roma) and its Antimicrobial Activity against Eye Infecting Pathogens. Journal of Essential Oil Research, 2011, 23, 11-18.	2.7	55
8	Evaluation of genetic diversity in turmeric ( <i>Curcuma longa</i> L.) using RAPD and ISSR markers. Industrial Crops and Products, 2012, 37, 284-291.	5.2	55
9	Assessment of Genetic Diversity among 16 Promising Cultivars of Ginger Using Cytological and Molecular Markers. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2005, 60, 485-492.	1.4	51
10	Biotechnological intervention in betelvine ( <i>Piper betle</i> L.): A review on recent advances and future prospects. Asian Pacific Journal of Tropical Medicine, 2016, 9, 938-946.	0.8	51
11	Perspectives of genomic diversification and molecular recombination towards R-gene evolution in plants. Physiology and Molecular Biology of Plants, 2013, 19, 1-9.	3.1	49
12	Biochemical and molecular profiling of micropropagated and conventionally grown <i>Kaempferia galanga</i> . Plant Cell, Tissue and Organ Culture, 2011, 106, 39-46.	2.3	45
13	Phytochemical investigation and In vitro antioxidant activity of an indigenous medicinal plant <i>Alpinia nigra</i> B.L. Burt. Asian Pacific Journal of Tropical Biomedicine, 2013, 3, 871-876.	1.2	45
14	Molecular identification of indigenous manganese solubilising bacterial biodiversity from manganese mining deposits. Journal of Basic Microbiology, 2016, 56, 254-262.	3.3	35
15	Detection and Evaluation of Genetic Variation in 17 Promising Cultivars of Turmeric ( <i>Curcuma longa</i> ) Tj ETQq1 1 0.784314 rgBT /Overlo 0.6 34	0.6	34
16	Biotechnological Approaches for Production of Anti-Cancerous Compounds Resveratrol, Podophyllotoxin and Zerumbone. Current Medicinal Chemistry, 2018, 25, 4693-4717.	2.4	30
17	High-frequency clonal propagation of <i>Curcuma angustifolia</i> ensuring genetic fidelity of micropropagated plants. Plant Cell, Tissue and Organ Culture, 2018, 135, 473-486.	2.3	30
18	Application of artificial neural network (ANN) model for prediction and optimization of coronarin D content in <i>Hedychium coronarium</i> . Industrial Crops and Products, 2020, 146, 112186.	5.2	30

#	ARTICLE	IF	CITATIONS
19	Agroclimatic zone based metabolic profiling of turmeric ( <i>Curcuma Longa</i> L.) for phytochemical yield optimization. <i>Industrial Crops and Products</i> , 2016, 85, 229-240.	5.2	29
20	Population genetic structure and diversity analysis in economically important <i>Pandanus odorifer</i> (Forssk.) Kuntze accessions employing ISSR and SSR markers. <i>Industrial Crops and Products</i> , 2020, 143, 111894.	5.2	29
21	Deeper insight into the volatile profile of essential oil of two <i>Curcuma</i> species and their antioxidant and antimicrobial activities. <i>Industrial Crops and Products</i> , 2020, 155, 112830.	5.2	29
22	Molecular characterization of NBS encoding resistance genes and induction analysis of a putative candidate gene linked to <i>Fusarium</i> basal rot resistance in <i>Allium sativum</i> . <i>Physiological and Molecular Plant Pathology</i> , 2014, 85, 15-24.	2.5	26
23	<em>Hedychium coronarium</em> extract arrests cell cycle progression, induces apoptosis, and impairs migration and invasion in HeLa cervical cancer cells. <i>Cancer Management and Research</i> , 2019, Volume 11, 483-500.	1.9	26
24	Population genetic structure and diversity analysis in <i>Hedychium coronarium</i> populations using morphological, phytochemical and molecular markers. <i>Industrial Crops and Products</i> , 2019, 132, 118-133.	5.2	26
25	Assessment of the terpenic composition of <i>Hedychium coronarium</i> oil from Eastern India. <i>Industrial Crops and Products</i> , 2017, 97, 49-55.	5.2	25
26	Evaluation of phytomedicinal yield potential and molecular profiling of micropropagated and conventionally grown turmeric ( <i>Curcuma longa</i> L.). <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 104, 263-269.	2.3	24
27	Volatile metabolite profiling of ten <i>Hedychium</i> species by gas chromatography mass spectrometry coupled to chemometrics. <i>Industrial Crops and Products</i> , 2018, 126, 135-142.	5.2	24
28	Effect of different extraction techniques on total phenolic and flavonoid contents, and antioxidant activity of betelvine and quantification of its phenolic constituents by validated HPTLC method. <i>3 Biotech</i> , 2019, 9, 37.	2.2	24
29	Identification of elite genotypes of turmeric through agroclimatic zone based evaluation of important drug yielding traits. <i>Industrial Crops and Products</i> , 2013, 43, 165-171.	5.2	23
30	Development of an ISSR based STS marker for sex identification in pointed gourd ( <i>Trichosanthes dioica</i> ) Tj ETQq0 0,0 rgBT /Overlock 10, Tf 50 62	3.6	23
31	Evaluation of yield, quality and antioxidant activity of essential oil of in vitro propagated <i>Kaempferia galanga</i> Linn.. <i>Journal of Acute Disease</i> , 2014, 3, 124-130.	0.3	23
32	Genetic Stability of Micropropagated Ginger Derived from Axillary Bud through Cytophotometric and RAPD Analysis. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2008, 63, 747-754.	1.4	22
33	In vitro and ex vitro evaluation of long-term micropropagated turmeric as analyzed through cytophotometry, phytoconstituents, biochemical and molecular markers. <i>Plant Growth Regulation</i> , 2011, 64, 91-98.	3.4	21
34	Rapid plant regeneration in industrially important <i>Curcuma zedoaria</i> revealing genetic and biochemical fidelity of the regenerants. <i>3 Biotech</i> , 2020, 10, 17.	2.2	20
35	Transcriptome profiling of the floral buds and discovery of genes related to sex-differentiation in the dioecious cucurbit <i>Coccinia grandis</i> (L.) Voigt. <i>Gene</i> , 2017, 626, 395-406.	2.2	20
36	Molecular and phytochemical stability of long term micropropagated greater galanga ( <i>Alpinia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10, Tf 50 62	5.2	19

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37	Genetic diversity and gene differentiation among ten species of Zingiberaceae from Eastern India. 3 Biotech, 2014, 4, 383-390.	2.2	18
38	<i>In vitro</i> propagation of <i>Hedychium coronarium</i> Koen. through axillary bud proliferation. Plant Biosystems, 2013, 147, 905-912.	1.6	17
39	Influence of extraction methods and solvent system on the chemical composition and antioxidant activity of <i>Centella asiatica</i> L. leaves. Biocatalysis and Agricultural Biotechnology, 2021, 33, 101971.	3.1	17
40	Molecular characterization and functional analysis of CzR1, a coiled-coil-nucleotide-binding-site-leucine-rich repeat R-gene from <i>Curcuma zedoaria</i> Loeb. that confers resistance to <i>Pythium aphanidermatum</i> . Physiological and Molecular Plant Pathology, 2013, 83, 59-68.	2.5	16
41	Development of Prediction Model and Experimental Validation in Predicting the Curcumin Content of Turmeric ( <i>Curcuma longa</i> L.). Frontiers in Plant Science, 2016, 7, 1507.	3.6	16
42	Differential expression of CURS gene during various growth stages, climatic condition and soil nutrients in turmeric ( <i>Curcuma longa</i> ): Towards site specific cultivation for high curcumin yield. Plant Physiology and Biochemistry, 2017, 118, 348-355.	5.8	16
43	Title is missing!. ScienceAsia, 2006, 32, 031.	0.5	16
44	Chemical Composition of Essential Oil from Leaf and Rhizome of Micropropagated and Conventionally Grown <i>Hedychium coronarium</i> Koen. from Eastern India. Journal of Essential Oil-bearing Plants: JEOP, 2015, 18, 161-167.	1.9	15
45	Evaluation of Cultivated and Wild <i>Allium</i> Accessions for Resistance to <i>Fusarium oxysporum</i> f. sp. cepae. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2016, 86, 643-649.	1.0	15
46	Qualitative and Quantitative Evaluation of Rhizome Essential Oil of Eight Different Cultivars of <i>Curcuma longa</i> L. (Turmeric). Journal of Essential Oil-bearing Plants: JEOP, 2019, 22, 239-247.	1.9	15
47	Rapid and stable propagation of <i>Ornithogalum umbellatum</i> L. in long term culture. Plant Cell Reports, 1995, 15, 150-153.	5.6	14
48	Chemical composition and antioxidant activity of some important betel vine landraces. Biologia (Poland), 2016, 71, 128-132.	1.5	14
49	Transcriptome profiling of <i>Curcuma longa</i> L. cv. Suvarna. Genomics Data, 2016, 10, 33-34.	1.3	14
50	Mining and characterization of EST derived microsatellites in <i>Curcuma longa</i> L. Bioinformation, 2010, 5, 128-131.	0.5	14
51	Phytochemical analysis of flower from <i>Pandanus odorifer</i> (Forssk.) Kuntze for industrial application. Natural Product Research, 2018, 32, 2494-2497.	1.8	13
52	An APETALA3 MADS-box linked SCAR marker associated with male specific sex expression in <i>Coccinia grandis</i> (L.) Voigt. Scientia Horticulturae, 2014, 176, 85-90.	3.6	12
53	Characterization of Kewda volatile components by comprehensive two-dimensional gas chromatography time-of-flight mass spectrometry. Natural Product Research, 2017, 31, 853-856.	1.8	12
54	De Novo transcriptome sequencing explored cultivar specific sequence variation and differential expression of pigment synthesis genes in turmeric ( <i>Curcuma longa</i> L.). Industrial Crops and Products, 2019, 134, 388-402.	5.2	12

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55	Cytological and Cytophotometric Analysis of Direct Explant and Callus Derived Plants of <i>Ornithogalum thyrsoides</i> Jacq.. <i>Cytologia</i> , 1991, 56, 297-302.	0.6	11
56	Assessment of Genetic Diversity in Zingiberaceae Through Nucleotide Binding Site-Based Motif-Directed Profiling. <i>Biochemical Genetics</i> , 2012, 50, 642-656.	1.7	11
57	Chemical Constituents of Leaf Essential Oil of <i>Curcuma angustifolia</i> Roxb. Growing in Eastern India. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 1527-1531.	1.9	11
58	EST-SSR marker revealed effective over biochemical and morphological scepticism towards identification of specific turmeric ( <i>Curcuma longa</i> L.) cultivars. <i>3 Biotech</i> , 2017, 7, 84.	2.2	11
59	Molecular Cloning, Characterization, and Expression Analysis of Resistance Gene Candidates in <i>Kaempferia galanga</i> L.. <i>Molecular Biotechnology</i> , 2012, 50, 200-210.	2.4	10
60	De Novo transcriptome assembly of <i>Zingiber officinale</i> cv. Suruchi of Odisha. <i>Genomics Data</i> , 2016, 9, 87-88.	1.3	10
61	Development and validation of an HPTLC method for estimation of coronarin D in <i>Hedychium coronarium</i> rhizome. <i>Acta Chromatographica</i> , 2017, 29, 415-426.	1.3	9
62	Intraspecific Chemical Variability of Essential Oil of <i>Curcuma caesia</i> (Black Turmeric). <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 191-198.	3.0	9
63	Rapid multiplication and in vitro production of leaf biomass in <i>Kaempferia galanga</i> through tissue culture. <i>Electronic Journal of Biotechnology</i> , 2010, 13, .	2.2	8
64	In vitro induction, screening and detection of high essential oil yielding somaclones in turmeric ( <i>Curcuma longa</i> L.). <i>Plant Growth Regulation</i> , 2014, 72, 59-66.	3.4	8
65	Association of growth and yield parameters with bioactive phytoconstituents in selection of promising turmeric genotypes. <i>Industrial Crops and Products</i> , 2014, 62, 373-379.	5.2	8
66	A Combined Approach Using ISSR and Volatile Compound Analysis for Assessment of Genetic and Phytochemical Diversity in <i>Zingiber zerumbet</i> (L.) from Eastern India. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2019, 22, 31-49.	1.9	8
67	Chemical composition and antioxidant activities of essential oil of <i>Hedychium greenii</i> and <i>Hedychium gracile</i> from India. <i>Natural Product Research</i> , 2019, 33, 1482-1485.	1.8	8
68	Enhancement of Bioactivities of Rhizome Essential Oil of <i>Alpinia galanga</i> (Greater galangal) Through Nanoemulsification. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2021, 24, 648-657.	1.9	8
69	Genetic Stability Assessment of Micropropagated Mango Ginger ( <i>Curcuma amada</i> Roxb.) Through RAPD and ISSR Markers. <i>Research Journal of Medicinal Plant</i> , 2012, 6, 529-536.	0.3	8
70	Development and evaluation of STS diagnostic marker to track turmeric ( <i>Curcuma longa</i> L.) resistance against rhizome rot caused by <i>Pythium aphanidermatum</i> . <i>Australasian Plant Pathology</i> , 2014, 43, 167-175.	1.0	7
71	Molecular modeling and identification of novel glucokinase activators through stepwise virtual screening. <i>Journal of Molecular Graphics and Modelling</i> , 2015, 57, 122-130.	2.4	7
72	Variation in Volatile Constituents and Eugenol Content of Five Important Betelvine ( <i>Piper</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 T 19, 1788-1793.	1.9	7

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73	Electron Ionization Based Detection of Volatile Constituents of Aerial Parts of <i>Eclipta prostrata</i> (Linn.) by One Dimensional Gas Chromatography and Mass Spectrometry. Journal of Essential Oil-bearing Plants: JEOP, 2020, 23, 559-566.	1.9	7
74	Thermal desorption modulation based detection of volatile constituents of <i>Alpinia galanga</i> by two dimensional gas chromatography and time of flight mass spectrometry. Natural Product Research, 2021, 35, 512-516.	1.8	7
75	Chemical Composition and Biological Activities of Leaf Essential Oil of <i>Syzygium myrtifolium</i> from Eastern India. Journal of Essential Oil-bearing Plants: JEOP, 2021, 24, 582-595.	1.9	7
76	Chemical Composition and Antioxidant Activities of Essential oil from Leaf and Stem of <i>Elettaria cardamomum</i> from Eastern India. Journal of Essential Oil-bearing Plants: JEOP, 2021, 24, 538-546.	1.9	7
77	Drying methods affects physicochemical characteristics, essential oil yield and volatile composition of turmeric ( <i>Curcuma longa</i> L.). Journal of Applied Research on Medicinal and Aromatic Plants, 2022, 26, 100357.	1.5	7
78	In Vitro Conservation of Nine Medicinally and Economically Important Species of Zingiberaceae from Eastern India. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2014, 84, 799-803.	1.0	6
79	Development and validation of ELISA technique for early detection of rhizome rot in golden spice turmeric from different agroclimatic zones. LWT - Food Science and Technology, 2016, 66, 546-552.	5.2	6
80	Phytoconstituents Analysis and Bioactivity Study of <i>Alpinia nigra</i> (Gaertn.) Burt. Journal of Essential Oil-bearing Plants: JEOP, 2017, 20, 1461-1471.	1.9	6
81	Development of a colloidal gold strip-based immunochromatographic assay for rapid detection of <i>Fusarium oxysporum</i> in ginger. Journal of the Science of Food and Agriculture, 2019, 99, 6155-6166.	3.5	6
82	EST-SSR marker-based genetic diversity and population structure analysis of Indian <i>Curcuma</i> species: significance for conservation. Revista Brasileira De Botanica, 2021, 44, 411-428.	1.3	6
83	Phytochemical Composition of Flower Essential Oil of <i>Plumeria alba</i> Grown in India. Journal of Essential Oil-bearing Plants: JEOP, 2021, 24, 671-676.	1.9	6
84	Chemical Composition of Carvacrol Rich Leaf Essential Oil of <i>Thymus vulgaris</i> from India: Assessment of Antimicrobial, Antioxidant and Cytotoxic Potential. Journal of Essential Oil-bearing Plants: JEOP, 2021, 24, 1134-1145.	1.9	6
85	Retention of drug yielding potential of micropropagated <i>Hedychium coronarium</i> . Biologia (Poland), 2015, 70, 34-38.	1.5	5
86	In Vitro Plant Regeneration Potential of Genetically Stable <i>Globosea marantina</i> L., Zingiberaceae Species and its Conservation. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2018, 88, 321-327.	1.0	5
87	Development and evaluation of polyclonal antibodies for detection of <i>Pythium aphanidermatum</i> and <i>Fusarium oxysporum</i> in ginger. Food and Agricultural Immunology, 2018, 29, 204-215.	1.4	5
88	Anticancerous and Immunomodulatory Activities of <i>Alpinia nigra</i> (Gaertn.) Burt. Journal of Essential Oil-bearing Plants: JEOP, 2018, 21, 869-875.	1.9	5
89	Chemical Composition, Antioxidant, Anti-inflammatory and Anticancer Activities of Bark Essential Oil of <i>Cryptocarya amygdalina</i> from India. Journal of Essential Oil-bearing Plants: JEOP, 2021, 24, 617-631.	1.9	5
90	A comparative study of essential oil profile, antibacterial and antioxidant activities of thirty Piper betle landraces towards selection of industrially important chemotypes. Industrial Crops and Products, 2022, 187, 115289.	5.2	5

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91	Regeneration of <i>Asparagus robustus</i> Hort.. Journal of Herbs, Spices and Medicinal Plants, 1998, 5, 43-50.	1.1	4
92	Nuclear DNA, DNA finger printing and essential oil content variation in callus derived regenerants of <i>Curcuma longa</i> L.. Nucleus (India), 2012, 55, 101-106.	2.2	4
93	A sequence tagged site (STS) marker encoding Copia-like retrotransposable element is associated with male specific sex expression in <i>Momordica dioica</i> Roxb.. Scientia Horticulturae, 2016, 201, 265-270.	3.6	4
94	Chemical Constituent Analysis and Antioxidant Activity of Leaf Essential Oil of <i>Curcuma xanthorrhiza</i> . Journal of Essential Oil-bearing Plants: JEOP, 2021, 24, 736-744.	1.9	4
95	ZERUMBONE, A NATURAL PLANT DIETARY COMPOUND INDUCES EXPRESSION OF INTERLEUKIN-12P70 CYTOKINE IN HUMAN PERIPHERAL BLOOD MONONUCLEAR CELLS. Asian Journal of Pharmaceutical and Clinical Research, 2016, 9, 312.	0.3	3
96	Genetic diversity analysis and redundant identification in 48 core collections of <i>Zingiber officinale</i> Rosc. (Zingiberaceae). Revista Brasileira De Botanica, 2016, 39, 869-883.	1.3	3
97	Physicochemical characteristics of the <i>Lasiococca comberi</i> Haines seeds. Natural Product Research, 2018, 32, 2352-2355.	1.8	3
98	Chemical Composition and Anti-proliferative Activity of Essential Oil from Rhizomes of Micropropagated <i>Curcuma aromatica</i> in Eastern India. Journal of Biologically Active Products From Nature, 2020, 10, 1-7.	0.3	3
99	Mining of trait specific gene candidates through mRNA sequencing emphasizing on expression study of terpenoid biosynthesis genes in betelvine cash crop. Industrial Crops and Products, 2021, 162, 113292.	5.2	3
100	Edible plant-derived essential oils synergistically enhance the Th1, Th2 and anti-inflammatory cytokines in neonatal cord blood monocytic cell line. Food and Agricultural Immunology, 2018, 29, 346-357.	1.4	3
101	Anti-proliferative activity of in vitro Zingiberaceae essential oil against Human cervical cancer (HeLa) cell line. Research Journal of Pharmacy and Technology, 2022, , 325-328.	0.8	3
102	Application of a Multilayer Perceptron Artificial Neural Network for the Prediction and Optimization of the Andrographolide Content in <i>Andrographis paniculata</i> . Molecules, 2022, 27, 2765.	3.8	3
103	Environmental Factors Influencing Yield and Quality of Essential Oils in <i>Curcuma longa</i> cv. Lakadong. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2021, 91, 761-767.	1.0	2
104	Cultivation and Utilization of <i>Pandanus odorifer</i> for Industrial Application. Sustainable Development and Biodiversity, 2021, , 435-456.	1.7	2
105	<i>Curcuma angustifolia</i> ameliorates carbon tetrachloride-induced hepatotoxicity in HepG2 cells and Swiss albino rats. Asian Pacific Journal of Tropical Medicine, 2019, 12, 416.	0.8	2
106	Free radical scavenging potential of <i>Alpinia calcarata</i> Roscoe leaves. Research Journal of Pharmacy and Technology, 2020, 13, 3356.	0.8	2
107	Chemical Composition and Antioxidant Activity of the Leaf Essential Oil of <i>Cryptocarya amygdalina</i> . Chemistry of Natural Compounds, 2021, 57, 1150-1152.	0.8	2
108	Derivatives of Cinnamic Acid Esters and Terpenic Diversity in Volatiles of Thirty-Six Sand Ginger ( <i>Kaempferia galanga</i> L.) Accessions of Eastern India Revealing Quality Chemovars. Molecules, 2022, 27, 1116.	3.8	2



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109	Artificial neural network (ANN) model for prediction and optimization of bacoside A content in <i>Bacopa monnieri</i> : a statistical approach and experimental validation. <i>Plant Biosystems</i> , 2022, 156, 1346-1357.	1.6	2
110	Plant Regeneration from Callus Culture of <i>Cymbopogon</i> (Jamrosa). <i>Journal of Herbs, Spices and Medicinal Plants</i> , 1996, 4, 39-46.	1.1	1
111	Chemometric Profile of <i>Curcuma longa</i> L. Towards Standardization of Factors for High Essential Oil Yield and Quality. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2018, 88, 949-957.	1.0	1
112	Identification of Chemical Constituents of <i>Zingiber zerumbet</i> Rhizome Extract Using GC/MS. <i>Journal of Biologically Active Products From Nature</i> , 2020, 10, 411-417.	0.3	1
113	In silico mining of SSR markers from expressed sequence tags of <i>Clematis chinensis</i> . <i>Gene Reports</i> , 2020, 21, 100810.	0.8	1
114	Chemical composition of <i>Hedychium coronarium</i> Koen. flowers from eastern India. <i>Plant Science Today</i> , 2019, 6, 259-263.	0.7	1
115	Simultaneous quantification of vasicine and vasicinone in different parts of <i>Justicia adhatoda</i> using high-performance thin-layer chromatographyâ€˜densitometry: comparison of different extraction techniques and solvent systems. <i>Journal of Planar Chromatography - Modern TLC</i> , 2020, 33, 599-607.	1.2	1
116	Quality Control and Discrimination of <i>Andrographis paniculata</i> (Burm. f.) Nees based on High Performance Liquid Chromatography Fingerprinting Combined with Chemometric Approaches. , 2021, 83, .		1
117	Rapid <i>in vitro</i> Leaf Biomass Production of Genetically Stable <i>Curcuma aromatica</i> - An Under Exploited Medicinal Plant. <i>Journal of Biologically Active Products From Nature</i> , 2021, 11, 497-504.	0.3	1
118	Chemical Composition, Antimicrobial and Cytotoxic Activity of the Essential Oil of <i>Platostoma hispidum</i> , an Unexplored Species of Lamiaceae. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2021, 24, 1300-1310.	1.9	1
119	Intraspecific variability in yield and chemical composition of essential oil of the endemic species <i>Hypericum gaitii</i> from different natural habitats of Eastern India. <i>Plant Biosystems</i> , 0, , 1-10.	1.6	1
120	Quantitative and chemical fingerprint analysis for quality control of <i>Zingiber zerumbet</i> based on HPTLC combined with chemometric methods. <i>Plant Biosystems</i> , 2021, 155, 711-720.	1.6	0
121	Pharmacological activity and biochemical interaction of zingerone: a flavour additive in spice food. <i>Plant Science Today</i> , 0, , .	0.7	0
122	Chemical Composition and Antioxidant Activity of the Leaf Essential Oil of <i>Schefflera venulosa</i> . <i>Chemistry of Natural Compounds</i> , 2021, 57, 1147-1149.	0.8	0
123	Identification of elite germplasm of medicinally important <i>Andrographis paniculata</i> (Burm. f.) Nees with high content of four active diterpenoids in aerial parts from wild populations of eastern India. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 0, , 1-4.	0.8	0
124	Chemical Composition and Biological Activity of Essential Oil of <i>Phoebe wightii</i> . <i>Chemistry of Natural Compounds</i> , 0, , .	0.8	0
125	<i>Zingiber zerumbet</i> Rhizome Essential Oil Induces Cytotoxicity, Apoptosis and Cell Cycle Arrest in Jurkat Cells. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 0, , 1-12.	1.9	0