

# Karuna Shanker

## List of Publications by Year in descending order

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169  
papers

3,964  
citations

117571

34  
h-index

175177

52  
g-index

174  
all docs

174  
docs citations

174  
times ranked

4530  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial potential of <i>Glycyrrhiza glabra</i> roots. <i>Journal of Ethnopharmacology</i> , 2008, 116, 377-380.	2.0	183
2	Recent advances in plant hepatoprotectives: A chemical and biological profile of some important leads. <i>Medicinal Research Reviews</i> , 2008, 28, 746-772.	5.0	132
3	Fungal endophytes of <i>Catharanthus roseus</i> enhance vindoline content by modulating structural and regulatory genes related to terpenoid indole alkaloid biosynthesis. <i>Scientific Reports</i> , 2016, 6, 26583.	1.6	115
4	Mangiferin: A review of sources and interventions for biological activities. <i>BioFactors</i> , 2016, 42, 504-514.	2.6	94
5	Heteromeric and Homomeric Geranyl Diphosphate Synthases from <i>Catharanthus roseus</i> and Their Role in Monoterpene Indole Alkaloid Biosynthesis. <i>Molecular Plant</i> , 2013, 6, 1531-1549.	3.9	92
6	Methyl Jasmonate-Elicited Transcriptional Responses and Pentacyclic Triterpene Biosynthesis in Sweet Basil <i>À.À.</i> <i>Plant Physiology</i> , 2014, 164, 1028-1044.	2.3	92
7	Synthesis of chalcone derivatives on steroidal framework and their anticancer activities. <i>Steroids</i> , 2007, 72, 892-900.	0.8	88
8	Antifungal activity of <i>Glycyrrhiza glabra</i> extracts and its active constituent glabridin. <i>Phytotherapy Research</i> , 2009, 23, 1190-1193.	2.8	82
9	Endophytes of opium poppy differentially modulate host plant productivity and genes for the biosynthetic pathway of benzylisoquinoline alkaloids. <i>Planta</i> , 2016, 243, 1097-1114.	1.6	82
10	Wound Induced Transcriptional Regulation of Benzylisoquinoline Pathway and Characterization of Wound Inducible PsWRKY Transcription Factor from <i>Papaver somniferum</i> . <i>PLoS ONE</i> , 2013, 8, e52784.	1.1	80
11	4-Coumarate: CoA Ligase Partitions Metabolites for Eugenol Biosynthesis. <i>Plant and Cell Physiology</i> , 2013, 54, 1238-1252.	1.5	64
12	Safety evaluation of Trikatu, a generic Ayurvedic medicine in Charles Foster rats. <i>Journal of Toxicological Sciences</i> , 2009, 34, 99-108.	0.7	62
13	Study of mercury-selenium (Hg—Se) interactions and their impact on Hg uptake by the radish ( <i>Raphanus</i> ) Tj ETQq <sub>1.8</sub> 1.0.784314 rgBT <sub>61</sub>		
14	Determination of bioactive nitrile glycoside(s) in drumstick ( <i>Moringa oleifera</i> ) by reverse phase HPLC. <i>Food Chemistry</i> , 2007, 105, 376-382.	4.2	58
15	Anticancer activity and toxicity profiles of 2-benzylidene indanone lead molecule. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 76, 57-67.	1.9	56
16	Antiproliferative efficacy of curcumin mimics through microtubule destabilization. <i>European Journal of Medicinal Chemistry</i> , 2018, 151, 51-61.	2.6	54
17	Antitubercular potential of some semisynthetic analogues of phytol. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 508-512.	1.0	53
18	A bioactive labdane diterpenoid from <i>Curcuma amada</i> and its semisynthetic analogues as antitubercular agents. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4379-4382.	2.6	53

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19	Sterol partitioning by <i>HMGR</i> and <i>DXR</i> for routing intermediates toward withanolide biosynthesis. <i>Physiologia Plantarum</i> , 2014, 152, 617-633.	2.6	53
20	Synergistic effect of silymarin and standardized extract of <i>Phyllanthus amarus</i> against CCl <sub>4</sub> -induced hepatotoxicity in <i>Rattus norvegicus</i> . <i>Phytomedicine</i> , 2008, 15, 1053-1061.	2.3	51
21	Endophytes of <i>Withania somnifera</i> modulate in planta content and the site of withanolide biosynthesis. <i>Scientific Reports</i> , 2018, 8, 5450.	1.6	51
22	Toxicity assessment of <i>Bacopa monnieri</i> L. grown in biochar amended extremely acidic coal mine spoils. <i>Ecological Engineering</i> , 2017, 108, 211-219.	1.6	50
23	Synthesis and anticancer activity of 2-benzylidene indanones through inhibiting tubulin polymerization. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 3049-3057.	1.4	48
24	Effect of Selenite and Selenate on Plant Uptake of Cadmium by Maize ( <i>Zea mays</i> ). <i>Bulletin of Environmental Contamination and Toxicology</i> , 1996, 56, 419-424.	1.3	47
25	(22 <sup>2</sup> ,25R)-3 <sup>2</sup> -Hydroxy-spirost-5-en-7-iminoxy-heptanoic acid exhibits anti-prostate cancer activity through caspase pathway. <i>Steroids</i> , 2017, 119, 43-52.	0.8	44
26	Human disorders associated with inflammation and the evolving role of natural products to overcome. <i>European Journal of Medicinal Chemistry</i> , 2019, 179, 272-309.	2.6	44
27	Precursor feeding studies and molecular characterization of geraniol synthase establish the limiting role of geraniol in monoterpene indole alkaloid biosynthesis in <i>Catharanthus roseus</i> leaves. <i>Plant Science</i> , 2015, 239, 56-66.	1.7	43
28	Effect of selenite and selenate on plant uptake and translocation of mercury by tomato ( <i>Lycopersicum</i> ) Tj ETQq0 0.0 rgBT /Overlock 10	1.8	42
29	Separation and quantification of lignans in <i>Phyllanthus</i> species by a simple chiral densitometric method. <i>Journal of Separation Science</i> , 2008, 31, 47-55.	1.3	42
30	Anticancer activity, toxicity and pharmacokinetic profile of an indanone derivative. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 47, 988-995.	1.9	42
31	Biochar aided aromatic grass [ <i>Cymbopogon martini</i> (Roxb.) Wats.] vegetation: A sustainable method for stabilization of highly acidic mine waste. <i>Journal of Hazardous Materials</i> , 2020, 390, 121799.	6.5	41
32	Over-expression of <i>Catharanthus roseus</i> tryptophan decarboxylase and strictosidine synthase in rol gene integrated transgenic cell suspensions of <i>Vinca minor</i> . <i>Protoplasma</i> , 2015, 252, 373-381.	1.0	40
33	RNAi down-regulation of cinnamate-4-hydroxylase increases artemisinin biosynthesis in <i>Artemisia annua</i> . <i>Scientific Reports</i> , 2016, 6, 26458.	1.6	39
34	Aromatic ginger ( <i>Kaempferia galanga</i> L.) extracts with ameliorative and protective potential as a functional food, beyond its flavor and nutritional benefits. <i>Toxicology Reports</i> , 2019, 6, 521-528.	1.6	39
35	A study on the uptake of trivalent and hexavalent chromium by paddy ( <i>Oryza sativa</i> ): possible chemical modifications in rhizosphere. <i>Agriculture, Ecosystems and Environment</i> , 1997, 62, 53-58.	2.5	35
36	Uni-dimensional double development HPTLC-densitometry method for simultaneous analysis of mangiferin and lupeol content in mango ( <i>Mangifera indica</i> ) pulp and peel during storage. <i>Food Chemistry</i> , 2015, 176, 91-98.	4.2	35

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37	Bioremediation of arsenic by soil methylating fungi: Role of <i>Humicola</i> sp. strain 2WS1 in amelioration of arsenic phytotoxicity in <i>Bacopa monnieri</i> L. <i>Science of the Total Environment</i> , 2020, 716, 136758.	3.9	34
38	Fungal endophytes enhanced the growth and production kinetics of <i>Vinca minor</i> hairy roots and cell suspensions grown in bioreactor. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 118, 257-268.	1.2	33
39	Endophytic Consortium With Diverse Gene-Regulating Capabilities of Benzylisoquinoline Alkaloids Biosynthetic Pathway Can Enhance Endogenous Morphine Biosynthesis in <i>Papaver somniferum</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 925.	1.5	33
40	Endophytes enhance the production of root alkaloids ajmalicine and serpentine by modulating the terpenoid indole alkaloid pathway in <i>Catharanthus roseus</i> roots. <i>Journal of Applied Microbiology</i> , 2020, 128, 1128-1142.	1.4	32
41	Simultaneous determination of three steroidal glycoalkaloids in <i>Solanum xanthocarpum</i> by high performance thin layer chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 497-502.	1.4	31
42	Improved sanguinarine production via biotic and abiotic elicitations and precursor feeding in cell suspensions of latex-less variety of <i>Papaver somniferum</i> with their gene expression studies and upscaling in bioreactor. <i>Protoplasma</i> , 2014, 251, 1359-1371.	1.0	31
43	Effect of selenite and selenate on plant uptake of cadmium by kidney bean ( <i>Phaseolus mungo</i> ) with reference to Cd-Se interaction. <i>Chemical Speciation and Bioavailability</i> , 1995, 7, 97-100.	2.0	30
44	Fluorinated benzylidene indanone exhibits antiproliferative activity through modulation of microtubule dynamics and antiangiogenic activity. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 154, 105513.	1.9	30
45	Flavone Glycoside Based Validated RP-LC Method for Quality Evaluation of Prishniparni ( <i>Uraria picta</i> ). <i>Chromatographia</i> , 2009, 69, 653-658.	0.7	29
46	Synthesis of combretastatin A4 analogues on steroidal framework and their anti-breast cancer activity. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 137, 332-344.	1.2	29
47	Pharmacological and phytochemical evaluation of <i>Ocimum sanctum</i> root extracts for its antiinflammatory, analgesic and antipyretic activities. <i>Pharmacognosy Magazine</i> , 2015, 11, 217.	0.3	29
48	Demethoxycurcumin and its Semisynthetic Analogues as Antitubercular Agents. <i>Planta Medica</i> , 2008, 74, 1828-1831.	0.7	28
49	1-Chloro-2-formyl indenones and tetralenes as antitubercular agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3966-3969.	1.0	28
50	<i>Pluchea lanceolata</i> (Rasana): Chemical and biological potential of Rasayana herb used in traditional system of medicine. <i>FITOTERAPĀC</i> , 2012, 83, 1371-1385.	1.1	28
51	Iridoid glycosides from <i>Gmelina arborea</i> . <i>Phytochemistry</i> , 2008, 69, 2387-2390.	1.4	26
52	Simultaneous analysis of six bioactive lignans in <i>Phyllanthus</i> species by reversed phase hyphenated high performance liquid chromatographic technique. <i>Acta Chromatographica</i> , 2011, 23, 321-337.	0.7	26
53	Growth, alkaloid production, <i>rol</i> genes integration, bioreactor up-scaling and plant regeneration studies in hairy root lines of <i>Catharanthus roseus</i> . <i>Plant Biosystems</i> , 2012, 146, 27-40.	0.8	26
54	Gallic acid based steroidal phenstatin analogues for selective targeting of breast cancer cells through inhibiting tubulin polymerization. <i>Steroids</i> , 2012, 77, 878-886.	0.8	26

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55	Iridoid glycoside-based quantitative chromatographic fingerprint analysis: A rational approach for quality assessment of Indian medicinal plant Gambhari ( <i>Gmelina arborea</i> ). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 47, 841-846.	1.4	25
56	Two new lignans from <i>Phyllanthus amarus</i> . <i>Journal of Asian Natural Products Research</i> , 2009, 11, 562-568.	0.7	24
57	Fraxetin and ethyl acetate extract from <i>Lawsonia inermis</i> L. ameliorate oxidative stress in <i>P. berghei</i> infected mice by augmenting antioxidant defence system. <i>Phytomedicine</i> , 2017, 36, 262-272.	2.3	24
58	A plastid-localized <i>bona fide</i> geranylgeranyl diphosphate synthase plays a necessary role in monoterpene indole alkaloid biosynthesis in <i>Catharanthus roseus</i> . <i>Plant Journal</i> , 2020, 103, 248-265.	2.8	24
59	HPTLC method for the simultaneous determination of four indole alkaloids in <i>Rauwolfia tetraphylla</i> : A study of organic/green solvent and continuous/pulse sonication. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 66, 33-39.	1.4	23
60	Synthesis of gallic acid based naphthophenone fatty acid amides as cathepsin D inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 4603-4608.	1.0	22
61	Simultaneous Quantification of Withanolides in <i>Withania somnifera</i> by a Validated High-Performance Thin-Layer Chromatographic Method. <i>Journal of AOAC INTERNATIONAL</i> , 2008, 91, 1154-1161.	0.7	22
62	Regulation of vincamine biosynthesis and associated growth promoting effects through abiotic elicitation, cyclooxygenase inhibition, and precursor feeding of bioreactor grown <i>Vinca minor</i> hairy roots. <i>Applied Biochemistry and Biotechnology</i> , 2014, 173, 663-672.	1.4	22
63	Tryptophan over-producing cell suspensions of <i>Catharanthus roseus</i> (L) G. Don and their up-scaling in stirred tank bioreactor: detection of a phenolic compound with antioxidant potential. <i>Protoplasma</i> , 2013, 250, 371-380.	1.0	21
64	Antimalarial activity and safety assessment of <i>Flueggea virosa</i> leaves and its major constituent with special emphasis on their mode of action. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 761-771.	2.5	21
65	Validated method for quality assessment of henna ( <i>Lawsonia inermis</i> L.) leaves after postharvest blanching and its cosmetic application. <i>Industrial Crops and Products</i> , 2017, 95, 33-42.	2.5	21
66	Plant-microbe interactions endorse growth by uplifting microbial community structure of <i>Bacopa monnieri</i> rhizosphere under nematode stress. <i>Microbiological Research</i> , 2019, 218, 87-96.	2.5	21
67	Flavonoids Rich Fraction of <i>Citrus limetta</i> Fruit Peels Reduces Proinflammatory Cytokine Production and Attenuates Malaria Pathogenesis. <i>Current Pharmaceutical Biotechnology</i> , 2015, 16, 544-552.	0.9	21
68	RP-HPLC Method for the Quantitation of Glabridin in <i>Yashti-madhu</i> ( <i>Glycyrrhiza glabra</i> ). <i>Chromatographia</i> , 2007, 65, 771-774.	0.7	20
69	Biotransformation of Artemisinin Mediated through Fungal Strains for Obtaining Derivatives with Novel Activities. <i>Scientia Pharmaceutica</i> , 2009, 77, 87-95.	0.7	20
70	HILIC quantification of Oenotheralanosterol A and B from <i>Oenothera biennis</i> and their suppression of IL-6 and TNF- $\alpha$ expression in mouse macrophages. <i>Journal of Ethnopharmacology</i> , 2012, 141, 357-362.	2.0	20
71	A phenolic glycoside from <i>Flacourtia indica</i> induces heme mediated oxidative stress in <i>Plasmodium falciparum</i> and attenuates malaria pathogenesis in mice. <i>Phytomedicine</i> , 2017, 30, 1-9.	2.3	20
72	An evaluation of toxicity of <i>Taxus baccata</i> Linn. ( <i>Talispatra</i> ) in experimental animals. <i>Journal of Ethnopharmacology</i> , 2002, 79, 69-73.	2.0	19

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73	New anti-inflammatory triterpene from the root of <i>Ricinus communis</i> . Natural Product Research, 2014, 28, 306-311.	1.0	19
74	Genetic variability, associations, and path analysis of chemical and morphological traits in Indian ginseng [ <i>Withania somnifera</i> (L.) Dunal] for selection of higher yielding genotypes. Journal of Ginseng Research, 2018, 42, 158-164.	3.0	19
75	Genetic diversity in Indian poppy ( <i>P. somniferum</i> L.) germplasm using multivariate and SCoT marker analyses. Industrial Crops and Products, 2020, 144, 112050.	2.5	19
76	<i>Agrobacterium tumefaciens</i> -mediated transgenic plant and somaclone production through direct and indirect regeneration from leaves in <i>Stevia rebaudiana</i> with their glycoside profile. Protoplasma, 2014, 251, 661-70.	1.0	18
77	Effect of <i>Pluchea lanceolata</i> bioactives in LPS-induced neuroinflammation in C6 rat glial cells. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 119-127.	1.4	18
78	Morphogenetic and chemical stability of long-term maintained <i>Agrobacterium</i> -mediated transgenic <i>Catharanthus roseus</i> plants. Natural Product Research, 2015, 29, 315-320.	1.0	18
79	Effect of Selenium Supplementation on the Uptake and Translocation of Chromium by Spinach ( <i>T. ETQq1 1 0.784314 rgBT /Overlock 1</i> )	1.3	17
80	Influence of <i>Moringa oleifera</i> on pharmacokinetic disposition of rifampicin using HPLC-PDA method: a pre-clinical study. Biomedical Chromatography, 2011, 25, 641-645.	0.8	17
81	Quantitative TLC Analysis of Sterol (24 <sup>12</sup> -Ethylcholesta-5,22E,25-triene-3 <sup>12</sup> -ol) in <i>Agnimantha</i> ( <i>Clerodendrum phlomidis</i> Linn). Chromatographia, 2008, 67, 269-274.	0.7	16
82	In Vitro Propagation of <i>Rauwolfia serpentina</i> Using Liquid Medium, Assessment of Genetic Fidelity of Micropropagated Plants, and Simultaneous Quantitation of Reserpine, Ajmaline, and Ajmalicine. Methods in Molecular Biology, 2009, 547, 17-33.	0.4	16
83	Determination of anti-tubercular agent in mango ginger ( <i>Curcuma amada</i> Roxb.) by reverse phase HPLC-PDA-MS. Food Chemistry, 2012, 131, 375-379.	4.2	16
84	Antihypertensive activity of diethyl-4,4 <sup>1</sup> -dihydroxy-8,3 <sup>1</sup> -neolign-7,7 <sup>1</sup> -dien-9,9 <sup>1</sup> -dionate: A continuation study in L-NAME treated wistar rats. European Journal of Pharmacology, 2019, 858, 172482.	1.7	16
85	Design and Synthesis of C-Ring Lactone- and Lactam-Based Podophyllotoxin Analogues as Anticancer Agents. Chemical and Pharmaceutical Bulletin, 2010, 58, 242-246.	0.6	15
86	Physical and chemical mutagenesis in <i>Stevia rebaudiana</i> : variant generation with higher UGT expression and glycosidic profile but with low photosynthetic capabilities. Acta Physiologiae Plantarum, 2016, 38, 1.	1.0	15
87	A mechanism-based pharmacological evaluation of efficacy of <i>Flacourtia indica</i> in management of dyslipidemia and oxidative stress in hyperlipidemic rats. Journal of Basic and Clinical Physiology and Pharmacology, 2016, 27, 121-129.	0.7	15
88	Cloning and functional characterization of quinolinic acid phosphoribosyl transferase ( <i>QPT</i> ) gene of <i>Nicotiana tabacum</i> . Physiologia Plantarum, 2017, 160, 253-265.	2.6	15
89	HPLC method development and validation of cytotoxic agent phenylheptatriene in <i>Bidens pilosa</i> with ultrasonic-assisted cloud point extraction and preconcentration. Biomedical Chromatography, 2011, 25, 697-706.	0.8	14
90	Chemical composition and acetylcholinesterase inhibitory activity of <i>Artemisia maderaspatana</i> essential oil. Pharmaceutical Biology, 2015, 53, 1677-1683.	1.3	14

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91	Valorisation of Residue of <i>Mentha arvensis</i> by Pyrolysis: Evaluation of Agronomic and Environmental Benefits. <i>Waste and Biomass Valorization</i> , 2018, 9, 1909-1919.	1.8	14
92	Ultra performance liquid chromatography coupled with principal component and cluster analysis of <i>Swertia chirayita</i> for adulteration check. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 164, 302-308.	1.4	14
93	Standardization and xanthine oxidase inhibitory potential of <i>Zanthoxylum armatum</i> fruits. <i>Journal of Ethnopharmacology</i> , 2019, 230, 1-8.	2.0	14
94	Enhanced vincamine production in selected tryptophan-overproducing shoots of <i>Vinca minor</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 111, 239-245.	1.2	13
95	Antimalarial and safety evaluation of <i>Pluchea lanceolata</i> (DC.) Oliv. & Hiern: In-vitro and in-vivo study. <i>Journal of Ethnopharmacology</i> , 2013, 149, 797-802.	2.0	13
96	A novel synthesis of 2-arylbenzimidazoles in molecular sieves-MeOH system and their antitubercular activity. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 4551-4559.	1.4	12
97	Cadmium-induced conformational changes in type 2 metallothionein of medicinal plant <i>Coptis japonica</i> : insights from molecular dynamics studies of apo, partially and fully metalated forms. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 1520-1533.	2.0	12
98	Hesperidin-rich ethanol extract from waste peels of <i>Citrus limetta</i> mitigates rheumatoid arthritis and related complications. <i>Phytotherapy Research</i> , 2021, 35, 3325-3336.	2.8	12
99	Genetic and Chemical Diversity of High Mucilaginous Plants of Sida Complex by ISSR Markers and Chemical Fingerprinting. <i>Molecular Biotechnology</i> , 2011, 49, 77-81.	1.3	11
100	Comparative analysis of <i>Papaver somniferum</i> genotypes having contrasting latex and alkaloid profiles. <i>Protoplasma</i> , 2014, 251, 857-867.	1.0	11
101	Bivalent furostene carbamates as antiproliferative and antiinflammatory agents. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 194, 105457.	1.2	11
102	Rapid and Sensitive HPLC Method for the Determination of Polyphenols in Various Lichen Species of Himalayan Origin. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2007, 30, 97-111.	0.5	10
103	An Assessment of Wound Healing Potential of <i>Argyrea speciosa</i> Leaves. <i>Scientific World Journal</i> , The, 2014, 2014, 1-6.	0.8	10
104	Biochemical characterization and spatio-temporal analysis of the putative L-DOPA pathway in <i>Mucuna pruriens</i> . <i>Planta</i> , 2018, 248, 1277-1287.	1.6	9
105	Chemotaxonomic differentiation of <i>Clerodendrum</i> species based on high-performance thin-layer chromatographic fingerprinting of key secondary metabolites and chemometric data analysis. <i>Journal of Planar Chromatography - Modern TLC</i> , 2019, 32, 211-222.	0.6	9
106	Endophytic consortium with growth-promoting and alkaloid enhancing capabilities enhance key terpenoid indole alkaloids of <i>Catharanthus roseus</i> in the winter and summer seasons. <i>Industrial Crops and Products</i> , 2021, 166, 113437.	2.5	9
107	Determination of Novel Plant Growth Promoting Diterpenes in <i>Callicarpa macrophylla</i> by HPLC and HPTLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 2437-2450.	0.5	8
108	Assessment of antidiabetic potential of <i>Cissampelos pareira</i> leaf extract in streptozotocin-nicotinamide induced diabetic mice. <i>Journal of Pharmacy Research</i> , 2013, 6, 874-878.	0.4	8

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109	Box-Behnken Design for Optimum Extraction of Biogenetic Chemicals from <i>P. lanceolata</i> with an Energy Audit (Thermal–Microwave–Acoustic): A Case Study of HPTLC Determination with Specificity Using On-line/Off-line Coupling with DAD/NIR/ESI-MS. <i>Phytochemical Analysis</i> , 2014, 25, 551-560.	1.2	8
110	Assessment of Indian Rosewood ( <i>Dalbergia sissoo</i> ) Standardized Leaf Extract on Isoproterenol-Induced Myocardial Injury in Rats. <i>Cardiovascular Toxicology</i> , 2015, 15, 250-260.	1.1	8
111	Simultaneous quantification of five bioactive phenylethanoid, iridoid, and flavonol glycosides in <i>Duranta erecta</i> L.: Ultra performance liquid chromatography method validation and uncertainty measurement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 174, 711-717.	1.4	8
112	Simultaneous quantification of withanolides in <i>Withania somnifera</i> by a validated high-performance thin-layer chromatographic method. <i>Journal of AOAC INTERNATIONAL</i> , 2008, 91, 1154-61.	0.7	8
113	<i>Nyctanthes arbor-tristis</i> positively affects immunopathology of malaria-infected mice prolonging its survival. <i>Parasitology Research</i> , 2013, 112, 2601-2609.	0.6	7
114	Antiproliferative activity of diarylnaphthylpyrrolidine derivative via dual target inhibition. <i>European Journal of Medicinal Chemistry</i> , 2020, 188, 111986.	2.6	7
115	Nanoemulsion preconcentrate of a pentacyclic triterpene for improved oral efficacy: Formulation design and in-vivo antimalarial activity. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101734.	1.4	7
116	Liquiritigenin Derivatives and Their Hepatoprotective Activity. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.2	6
117	Detection of DNA polymorphism in <i>Papaver somniferum</i> genotypes differing in straw morphinan alkaloid content. <i>Plant Biosystems</i> , 2010, 144, 513-517.	0.8	6
118	A simple and convenient synthesis of 2-methoxyestradiol from estrone. <i>Steroids</i> , 2012, 77, 467-470.	0.8	6
119	Increased Availability of Tryptophan in 5-Methyltryptophan-Tolerant Shoots of <i>Catharanthus roseus</i> and Their Postharvest in vivo Elicitation Induces Enhanced Vindoline Production. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 568-579.	1.4	6
120	Inhibition of Cathepsin D protease activity by <i>Punica granatum</i> fruit peel extracts, isolates, and semisynthetic analogs. <i>Medicinal Chemistry Research</i> , 2013, 22, 3953-3958.	1.1	6
121	Application of HPLC fingerprints for defining in vivo safety profile of Tulsi ( <i>Ocimum Sanctum</i> ). <i>Medicinal Chemistry Research</i> , 2013, 22, 219-224.	1.1	6
122	Morpho-metric and molecular characterization of <i>Uraria picta</i> (Jacq.) Desv.ex DC. - A medicinal plant. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2020, 16, 100242.	0.9	6
123	Standardization of <i>Kaempferia galanga</i> L. rhizome and vasorelaxation effect of its key metabolite ethyl p-methoxycinnamate. <i>Journal of Ethnopharmacology</i> , 2021, 271, 113911.	2.0	6
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