

Rajesh Dabur

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,278
citations

361045

20
h-index

223531

46
g-index

60
all docs

60
docs citations

60
times ranked

3796
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of glutathione in cancer. <i>Cell Biochemistry and Function</i> , 2004, 22, 343-352.	1.4	767
2	Natural products as antifungal agents derived from plants. <i>Journal of Asian Natural Products Research</i> , 2009, 11, 621-638.	0.7	244
3	Skeletal muscle atrophy: Potential therapeutic agents and their mechanisms of action. <i>Pharmacological Research</i> , 2015, 99, 86-100.	3.1	139
4	Antimicrobial Activity Of Some Indian Medicinal Plants. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2008, 4, 313.	0.3	109
5	Microwave-assisted synthesis of antimicrobial dihydropyridines and tetrahydropyrimidin-2-ones: Novel compounds against aspergillosis. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 973-981.	1.4	80
6	Synthesis and antibacterial activity of substituted 1,2,3,4-tetrahydropyrazino [1,2-a] indoles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 413-416.	1.0	66
7	Efficacy and risk profile of anti-diabetic therapies: Conventional vs traditional drugs—A mechanistic revisit to understand their mode of action. <i>Pharmacological Research</i> , 2016, 113, 636-674.	3.1	53
8	In vitro antifungal activity of 2-(3,4-dimethyl-2,5-dihydro-1H-pyrrol-2-yl)-1-methylethyl pentanoate, a dihydropyrrole derivative. <i>Journal of Medical Microbiology</i> , 2005, 54, 549-552.	0.7	50
9	Role of Pro-inflammatory Cytokines in Regulation of Skeletal Muscle Metabolism: A Systematic Review. <i>Current Medicinal Chemistry</i> , 2020, 27, 2161-2188.	1.2	45
10	Antifungal potential of Indian medicinal plants. <i>FITOTERAPIA</i> , 2004, 75, 389-391.	1.1	40
11	Protective Effect of Hydroxytyrosol Against Oxidative Stress Mediated by Arsenic-Induced Neurotoxicity in Rats. <i>Applied Biochemistry and Biotechnology</i> , 2018, 186, 27-39.	1.4	39
12	A novel antifungal pyrrole derivative from <i>Datura metel</i> leaves. <i>Die Pharmazie</i> , 2004, 59, 568-70.	0.3	37
13	Quantitative analysis of catechins in <i>Saraca asoca</i> and correlation with antimicrobial activity. <i>Journal of Pharmaceutical Analysis</i> , 2013, 3, 421-428.	2.4	31
14	Crystal Structure of the Restriction-Modification System Control Element C.BclI and Mapping of Its Binding Site. <i>Structure</i> , 2005, 13, 1837-1847.	1.6	30
15	Investigations toward new lead compounds from medicinally important plants. <i>Pure and Applied Chemistry</i> , 2005, 77, 25-40.	0.9	29
16	In vitro and in vivo antimicrobial activities of seeds of <i>Caesalpinia bonduc</i> (Lin.) Roxb.. <i>Journal of Ethnopharmacology</i> , 2009, 123, 177-180.	2.0	29
17	Protective Effects of <i>Tinospora cordifolia</i> on Hepatic and Gastrointestinal Toxicity Induced by Chronic and Moderate Alcoholism. <i>Alcohol and Alcoholism</i> , 2016, 51, 1-10.	0.9	25
18	Moderate alcohol consumption in chronic form enhances the synthesis of cholesterol and C-21 steroid hormones, while treatment with <i>Tinospora cordifolia</i> modulate these events in men. <i>Steroids</i> , 2016, 114, 68-77.	0.8	24

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19	Phytochemical composition changes in untreated stem juice of <i>Tinospora cordifolia</i> (W) Mier during refrigerated storage. <i>Journal of Pharmacy Research</i> , 2013, 7, 1-6.	0.4	23
20	Combination Therapy: The Propitious Rationale for Drug Development. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2014, 17, 53-67.	0.6	23
21	Magnoflorine prevent the skeletal muscle atrophy via Akt/mTOR/FoxO signal pathway and increase slow-MyHC production in streptozotocin-induced diabetic rats. <i>Journal of Ethnopharmacology</i> , 2021, 267, 113510.	2.0	23
22	<i>Tinospora cordifolia</i> protects from skeletal muscle atrophy by alleviating oxidative stress and inflammation induced by sciatic denervation. <i>Journal of Ethnopharmacology</i> , 2020, 254, 112720.	2.0	19
23	An antifungal protein from <i>Escherichia coli</i> . <i>Journal of Medical Microbiology</i> , 2007, 56, 637-644.	0.7	18
24	Natural products: Potential therapeutic agents to prevent skeletal muscle atrophy. <i>European Journal of Pharmacology</i> , 2022, 925, 174995.	1.7	18
25	A fraction from <i>Escherichia coli</i> with anti- <i>Aspergillus</i> properties. <i>Journal of Medical Microbiology</i> , 2005, 54, 375-379.	0.7	17
26	Nontargeted Identification of the Phenolic and Other Compounds of <i>Saraca asoca</i> by High Performance Liquid Chromatography-Positive Electrospray Ionization and Quadrupole Time-of-Flight Mass Spectrometry. <i>ISRN Pharmaceutics</i> , 2013, 2013, 1-10.	1.0	17
27	Pyrrole-coupled salicylimine-based fluorescence turn on-probe for highly selective recognition of Zn ²⁺ ions in mixed aqueous media: Application in living cell imaging. <i>Journal of Molecular Recognition</i> , 2015, 28, 369-375.	1.1	17
28	The dependency of autophagy and ubiquitin proteasome system during skeletal muscle atrophy. <i>Biophysical Reviews</i> , 2021, 13, 203-219.	1.5	17
29	Synthesis, characterization and biological activities of novel substituted formazans of 3,4-dimethyl-1H-pyrrole-2-carbohydrazide derivatives. <i>Journal of Pharmacy Research</i> , 2013, 7, 582-587.	0.4	15
30	Proteomics & metabolomics: Mapping biochemical regulations. <i>Drug Invention Today</i> (discontinued), 2013, 5, 321-326.	0.6	15
31	Detection of New Human Metabolic Urinary Markers in Chronic Alcoholism and Their Reversal by Aqueous Extract of <i>Tinospora cordifolia</i> Stem. <i>Alcohol and Alcoholism</i> , 2015, 50, 271-281.	0.9	15
32	In Vitro Antifungal Activity and Probable Fungicidal Mechanism of Aqueous Extract of <i>Barleria Grandiflora</i> . <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 3571-3584.	1.4	15
33	In Vivo Efficacy of a Synthetic Coumarin Derivative in a Murine Model of Aspergillosis. <i>PLoS ONE</i> , 2014, 9, e103039.	1.1	15
34	Association of the PIM3 allele of the alpha-1-antitrypsin gene with chronic obstructive pulmonary disease. <i>Clinical Biochemistry</i> , 2005, 38, 489-491.	0.8	14
35	Investigations on anti- <i>Aspergillus</i> properties of bacterial products. <i>Letters in Applied Microbiology</i> , 2005, 41, 309-314.	1.0	14
36	T lymphocyte subset profile and serum alpha-1-antitrypsin in pathogenesis of chronic obstructive pulmonary disease. <i>Clinical and Experimental Immunology</i> , 2007, 149, 463-469.	1.1	14

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37	Guduchi Sawras (<i>Tinospora cordifolia</i>): An Ayurvedic drug treatment modulates the impaired lipid metabolism in alcoholics through dopaminergic neurotransmission and anti-oxidant defense system. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 1265-1277.	2.5	14
38	Plasma metabolomics reveal the correlation of metabolic pathways and Prakritis of humans. <i>Journal of Ayurveda and Integrative Medicine</i> , 2018, 9, 113-122.	0.9	14
39	$\hat{1}^2$ -sitosterol in different parts of <i>Saraca asoca</i> and herbal drug ashokarista: Quali-quantitative analysis by liquid chromatography-mass spectrometry. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2013, 4, 146.	0.4	12
40	Detection and qualitative analysis of fatty acid amides in the urine of alcoholics using HPLC-QTOF-MS. <i>Alcohol</i> , 2016, 52, 71-78.	0.8	10
41	Interactions of a medicinal climber <i>Tinospora cordifolia</i> with supportive interspecific plants trigger the modulation in its secondary metabolic profiles. <i>Scientific Reports</i> , 2019, 9, 14327.	1.6	9
42	A rapid and simple approach to discriminate various extracts of <i>Saraca asoca</i> [Roxb.], De. Wild using UPLC-QTOFMS and multivariate analysis. <i>Journal of Pharmacy Research</i> , 2013, 7, 143-149.	0.4	8
43	Intervention of Ayurvedic drug <i>Tinospora cordifolia</i> attenuates the metabolic alterations in hypertriglyceridemia: a pilot clinical trial. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 1367-1379.	0.8	8
44	S-allyl cysteine: A potential compound against skeletal muscle atrophy. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129676.	1.1	7
45	Post-antifungal effects of the antifungal compound 2-(3,4-dimethyl-2,5-dihydro-1H-pyrrol-2-yl)-1-methylethyl pentanoate on <i>Aspergillus fumigatus</i> . <i>Journal of Medical Microbiology</i> , 2007, 56, 815-818.	0.7	6
46	Antimicrobial metabolites from <i>Saraca asoca</i> impairs the membrane transport system and quorum-sensing system in <i>Pseudomonas aeruginosa</i> . <i>Archives of Microbiology</i> , 2018, 200, 237-253.	1.0	6
47	Dynamics and Interplay between Autophagy and Ubiquitin-proteasome system Coordination in Skeletal Muscle Atrophy. <i>Current Molecular Pharmacology</i> , 2022, 15, 475-486.	0.7	6
48	Efficacy of 2-(3,4-Dimethyl-2,5-Dihydro-1H-Pyrrole-2-yl)-1-Methylethyl Pentanoate in a Murine Model of Invasive Aspergillosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 4365-4367.	1.4	5
49	Non-targeted identification of compounds from regenerated bark of <i>Terminalia tomentosa</i> by HPLC- (+) ESI-QTOFMS. <i>Journal of Pharmacy Research</i> , 2013, 6, 415-418.	0.4	5
50	Facile Syntheses and Molecular-Docking of Novel Substituted 3,4-Dimethyl-1H-pyrrole-2-carboxamide/carbohydrazide Analogues with Antimicrobial and Antifungal Properties. <i>Molecules</i> , 2018, 23, 875.	1.7	5
51	Dynamics of Toll-like Receptors Signaling in Skeletal Muscle Atrophy. <i>Current Medicinal Chemistry</i> , 2021, 28, 5831-5846.	1.2	5
52	Antifungal Treatments Delineate a Correlation between Cathepsins and Cytokines in Murine Model of Invasive Aspergillosis. <i>Indian Journal of Pharmaceutical Sciences</i> , 2013, 75, 688-99.	1.0	4
53	Non-invasive Qualitative Urinary Metabolomic Profiling Discriminates Gut Microbiota Derived Metabolites in the Moderate and Chronic Alcoholic Cohorts. <i>Current Pharmaceutical Biotechnology</i> , 2018, 18, 1175-1189.	0.9	2
54	Integrated omics analysis revealed the <i>Tinospora cordifolia</i> intervention modulated multiple signaling pathways in hypertriglyceridemia patients-a pilot clinical trial. <i>Journal of Diabetes and Metabolic Disorders</i> , 0, , 1.	0.8	2

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55	Antimicrobial Activities of Gray Nickerbean (<i>Caesalpinia bonduc</i> Linn.), 2011, , 561-567.		1
56	Anti-Aspergillus activity of selected medicinal plants. <i>Journal of Pharmacy Research</i> , 2013, 6, 419-422.	0.4	1
57	Identification of molecular pathways affected by treatment with heartwood water extract of <i>Pterocarpus marsupium</i> in MCF 7 cancer cell line. <i>Journal of Herbal Medicine</i> , 2017, 9, 42-52.	1.0	1
58	Administration of Fresh Juice of <i>Tinospora cordifolia</i> Decreases Levels of Urinary Markers of Peroxisome Proliferator-Activated Receptors in Hyperlipidemic Patients. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2016, 50, 451-457.	0.3	1
59	Rapid Identification of 44 Steroids in Human Urine Samples using HPLC-ESI-QTOF-MS. <i>Current Pharmaceutical Analysis</i> , 2021, 17, .	0.3	0