Hidayat Hussain

List of Publications by Year in descending order

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307 papers	7,125 citations	71102 41 h-index	98798 67 g-index
337 all docs	337 docs citations	337 times ranked	9019 citing authors

#	Article	IF	Citations
1	Antimicrobial natural products: an update on future antibioticdrug candidates. Natural Product Reports, 2010, 27, 238-254.	10.3	394
2	Journey Describing Applications of Oxone in Synthetic Chemistry. Chemical Reviews, 2013, 113, 3329-3371.	47.7	260
3	Endophytic fungi: resource for gibberellins and crop abiotic stress resistance. Critical Reviews in Biotechnology, 2015, 35, 62-74.	9.0	230
4	Ethnobotanical uses of medicinal plants for respiratory disorders among the inhabitants of Gallies â€“ Abbottabad, Northern Pakistan. Journal of Ethnopharmacology, 2014, 156, 47-60.	4.1	206
5	Lapachol: An overview. Arkivoc, 2008, 2007, 145-171.	0.5	176
6	Fruitful Decade for Antileishmanial Compounds from 2002 to Late 2011. Chemical Reviews, 2014, 114, 10369-10428.	47.7	126
7	Endophytic bacteria (Sphingomonassp. LK11) and gibberellin can improveSolanum lycopersicumgrowth and oxidative stress under salinity. Journal of Plant Interactions, 2015, 10, 117-125.	2.1	113
8	Ethnobotany of Medicinal Plants in the Thar Desert (Sindh) of Pakistan. Journal of Ethnopharmacology, 2015, 163, 43-59.	4.1	109
9	meta-Chloroperbenzoic acid (mCPBA): a versatile reagent in organic synthesis. RSC Advances, 2014, 4, 12882-12917.	3.6	94
10	Ursolic acid derivatives for pharmaceutical use: a patent review (2012-2016). Expert Opinion on Therapeutic Patents, 2017, 27, 1061-1072.	5.0	93
11	Phytohormones enabled endophytic fungal symbiosis improve aluminum phytoextraction in tolerant Solanum lycopersicum: An examples of Penicillium janthinellum LK5 and comparison with exogenous GA3. Journal of Hazardous Materials, 2015, 295, 70-78.	12.4	83
12	Xanthones and Oxepino[2,â€‰3â€b]chromones from Three Endophytic Fungi. Chemistry - A European Journal, 2009, 15, 12121-12132.	3.3	78
13	New Bioactive 2,3â€Epoxycyclohexenes and Isocoumarins from the Endophytic Fungus Phomopsis sp. from Laurus Azorica. European Journal of Organic Chemistry, 2009, 2009, 749-756.	2.4	78
14	Newbouldiaquinone A: A naphthoquinoneâ€“anthraquinone ether coupled pigment, as a potential antimicrobial and antimalarial agent from Newbouldia laevis. Phytochemistry, 2006, 67, 605-609.	2.9	77
15	Screening strategies for obtaining novel, biologically active, fungal secondary metabolites from marine habitats. Botanica Marina, 2008, 51, 219-234.	1.2	77
16	Exploring the Potentials of Lysinibacillus sphaericus ZA9 for Plant Growth Promotion and Biocontrol Activities against Phytopathogenic Fungi. Frontiers in Microbiology, 2017, 8, 1477.	3.5	76
17	Diversonol and Blennolide Derivatives from the Endophytic Fungus Microdiplodia sp.: Absolute Configuration of Diversonol. Journal of Natural Products, 2011, 74, 365-373.	3.0	72
18	A New Class of Phenazines with Activity against a Chloroquine Resistant Plasmodium falciparum Strain and Antimicrobial Activity. Journal of Medicinal Chemistry, 2011, 54, 4913-4917.	6.4	72

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19	Development of new NIR-spectroscopy method combined with multivariate analysis for detection of adulteration in camel milk with goat milk. Food Chemistry, 2017, 221, 746-750.	8.2	72
20	The management of diabetes mellitus-imperative role of natural products against dipeptidyl peptidase-4, Î±-glucosidase and sodium-dependent glucose co-transporter 2 (SGLT2). Bioorganic Chemistry, 2019, 86, 305-315.	4.1	67
21	Lapachol and lapachone analogs: a journey of two decadesof patent research(1997-2016). Expert Opinion on Therapeutic Patents, 2017, 27, 1111-1121.	5.0	66
22	Phenolic glycosides from Symplocos racemosa: natural inhibitors of phosphodiesterase I. Phytochemistry, 2003, 63, 217-220.	2.9	62
23	Newbouldiaquinone and Newbouldiamide: A New Naphthoquinone-Anthraquinone Coupled Pigment and a New Ceramide from Newbouldia laevis. Chemical and Pharmaceutical Bulletin, 2005, 53, 616-619.	1.3	61
24	Synthesis, characterization, and application of Auâ€“Ag alloy nanoparticles for the sensing of an environmental toxin, pyrene. Journal of Applied Electrochemistry, 2015, 45, 463-472.	2.9	60
25	Absolute Configurations of Globosuxanthone A and Secondary Metabolites fromMicrodiplodia sp. â€“ A Novel Solid-State CD/TDDFT Approach. European Journal of Organic Chemistry, 2007, 2007, 292-295.	2.4	59
26	The chemistry and biology of bicoumarins. Tetrahedron, 2012, 68, 2553-2578.	1.9	59
27	Fungal endophyte Penicillium janthinellum LK5 can reduce cadmium toxicity in Solanum lycopersicum (Sitiens and Rhe). Biology and Fertility of Soils, 2014, 50, 75-85.	4.3	57
28	Characterization and DNA binding studies of unexplored imidazolidines by electronic absorption spectroscopy and cyclic voltammetry. Journal of Photochemistry and Photobiology B: Biology, 2013, 120, 90-97.	3.8	54
29	Phytochemical and Biological Activities of Four Wild Medicinal Plants. Scientific World Journal, The, 2014, 2014, 1-7.	2.1	53
30	Therapeutic potential of glycyrrhetinic acids: a patent review (2010-2017). Expert Opinion on Therapeutic Patents, 2018, 28, 383-398.	5.0	53
31	Anti-nociceptive and Anti-inflammatory Activities of Asparacosin A Involve Selective Cyclooxygenase 2 and Inflammatory Cytokines Inhibition: An in-vitro, in-vivo, and in-silico Approach. Frontiers in Immunology, 2019, 10, 581.	4.8	53
32	Traditional Uses of Plants by Indigenous Communities for Veterinary Practices at Kurram District, Pakistan. Ethnobotany Research and Applications, 2019, 18, .	0.6	53
33	Antiglycation therapy: Discovery of promising antiglycation agents for the management of diabetic complications. Pharmaceutical Biology, 2016, 54, 198-206.	2.9	52
34	Protein tyrosine phosphatase 1B (PTP1B) inhibitors as potential anti-diabetes agents: patent review (2015-2018). Expert Opinion on Therapeutic Patents, 2019, 29, 689-702.	5.0	52
35	Isolation and Bioactivities of the Flavonoids Morin and Morin-3-O-Î²-D-glucopyranoside from Acridocarpus orientalisâ€”A Wild Arabian Medicinal Plant. Molecules, 2014, 19, 17763-17772.	3.8	49
36	Phomopsinones Aâ€“D: Four New Pyrenocines from Endophytic Fungus Phomopsis sp.. European Journal of Organic Chemistry, 2012, 2012, 1783-1789.	2.4	46

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37	Endophytes from medicinal plants and their potential for producing indole acetic acid, improving seed germination and mitigating oxidative stress. Journal of Zhejiang University: Science B, 2017, 18, 125-137.	2.8	46
38	New Î±-Glucosidase inhibitors from the resins of Boswellia species with structureâ€“glucosidase activity and molecular docking studies. Bioorganic Chemistry, 2018, 79, 27-33.	4.1	46
39	Massarilactones E-G, new metabolites from the endophytic fungusConiothyrium sp., associated with the plantArtimisia maritima. Chirality, 2007, 19, 464-470.	2.6	44
40	Hetero-Dielsâ˜Alder Reactions of Cyclic Ketone Derived Enamide. A New and Efficient Concept for the Asymmetric Robinson Annulation. Organic Letters, 2009, 11, 3060-3063.	4.6	44
41	Chemical, molecular and structural studies of Boswellia species: Î²-Boswellic Aldehyde and 3-epi-11Î²-Dihydroxy BA as precursors in biosynthesis of boswellic acids. PLoS ONE, 2018, 13, e0198666.	2.5	44
42	Cesium fluoride-Celite: a solid base for efficient syntheses of aromatic esters and ethers. Tetrahedron, 2005, 61, 6652-6656.	1.9	43
43	Platensimycin and its relatives: A recent story in the struggle to develop new naturally derived antibiotics. Natural Product Reports, 2011, 28, 1534.	10.3	43
44	Structural and Stereochemical Studies of Hydroxyanthraquinone Derivatives from the Endophytic Fungus Coniothyrium sp. Chirality, 2013, 25, 141-148.	2.6	43
45	Endophytes Aspergillus caespitosus LK12 and Phoma sp. LK13 of Moringa peregrina produce gibberellins and improve rice plant growth. Journal of Plant Interactions, 2014, 9, 731-737.	2.1	43
46	Synthesis and characterization of new thiosemicarbazones, as potent urease inhibitors: In vitro and in silico studies. Bioorganic Chemistry, 2019, 87, 155-162.	4.1	41
47	Tyrosinase inhibitory pentacyclic triterpenes and analgesic and spasmolytic activities of methanol extracts of Rhododendron collettianum. Phytotherapy Research, 2007, 21, 1076-1081.	5.8	39
48	Three New Antimicrobial Metabolites from the Endophytic Fungus Phomopsis sp.. European Journal of Organic Chemistry, 2011, 2011, 2867-2873.	2.4	39
49	Synthesis of MnS from Single- and Multi-Source Precursors for Photocatalytic and Battery Applications. Journal of Electronic Materials, 2019, 48, 2278-2288.	2.2	39
50	Distribution of the anti-inflammatory and anti-depressant compounds: Incensole and incensole acetate in genus Boswellia. Phytochemistry, 2019, 161, 28-40.	2.9	39
51	First Natural Urease Inhibitor from Euphorbia decipiens. Chemical and Pharmaceutical Bulletin, 2003, 51, 719-723.	1.3	37
52	Pyrenocines Jâ€“M: Four new pyrenocines from the endophytic fungus, Phomopsis sp.. FÃ¬toterapÃ¬Ã¢, 2012, 83, 523-526.	2.2	37
53	Therapeutic potential of boswellic acids: a patent review (1990-2015). Expert Opinion on Therapeutic Patents, 2017, 27, 81-90.	5.0	37
54	Paullinoside A and Paullinomide A: A New Cerebroside and a New Ceramide from Leaves of Paullinia pinnata. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2006, 61, 1123-1127.	0.7	36

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55	Tithoniamarin and tithoniamide: a structurally unique isocoumarin dimer and a new ceramide from Tithonia diversifolia. Natural Product Research, 2006, 20, 842-849.	1.8	34
56	Antimicrobial Prenylated Dihydrochalcones from Eriosema glomerata. Planta Medica, 2008, 74, 50-54.	1.3	34
57	Cryptosporioptide: A bioactive polyketide produced by an endophytic fungus Cryptosporiopsis sp.. Phytochemistry, 2013, 93, 199-202.	2.9	34
58	A fruitful decade from 2005 to 2014 for anthraquinone patents. Expert Opinion on Therapeutic Patents, 2015, 25, 1053-1064.	5.0	34
59	Meroterpenoids: A Comprehensive Update Insight on Structural Diversity and Biology. Biomolecules, 2021, 11, 957.	4.0	34
60	Minor chemical constituents of Verbascum thapsus. Biochemical Systematics and Ecology, 2009, 37, 124-126.	1.3	32
61	Viburspiran, an Antifungal Member of the Octadride Class of Maleic Anhydride Natural Products. European Journal of Organic Chemistry, 2011, 2011, 808-812.	2.4	32
62	Bioactive chemical constituents of two endophytic fungi. Biochemical Systematics and Ecology, 2007, 35, 898-900.	1.3	31
63	Two New Metabolites, Epoxydine A and B, from Phoma sp.. Helvetica Chimica Acta, 2010, 93, 169-174.	1.6	31
64	Therapeutic Potential of Iridoid Derivatives: Patent Review. Inventions, 2019, 4, 29.	2.5	31
65	Absolute configuration of hypothemycin and 5â€²-O-methylhypothemycin from Phoma sp.â€”a test case for solid state CD/TDDFT approach. Tetrahedron: Asymmetry, 2007, 18, 925-930.	1.8	30
66	Electrochemical oxidation of hydantoins at glassy carbon electrode. Electrochimica Acta, 2012, 80, 108-117.	5.2	30
67	Antimicrobial chemical constituents from endophytic fungus Phoma sp.. Asian Pacific Journal of Tropical Medicine, 2014, 7, 699-702.	0.8	30
68	Seimatoric acid and colletonoic acid: Two new compounds from the endophytic fungi, Seimatosporium sp. and Colletotrichum sp.. Chinese Chemical Letters, 2014, 25, 1577-1579.	9.0	30
69	Analgesic effects of crude extracts and fractions of Omani frankincense obtained from traditional medicinal plant Boswellia sacra on animal models. Asian Pacific Journal of Tropical Medicine, 2014, 7, S485-S490.	0.8	29
70	Antiplasmodial activities of furoquinoline alkaloids from Teclea afzelii. Phytotherapy Research, 2010, 24, 775-777.	5.8	28
71	Regulations of essential amino acids and proteomics of bacterial endophytes <scp>S</scp>phingomonas sp. <scp>L</scp>k11 during cadmium uptake. Environmental Toxicology, 2016, 31, 887-896.	4.0	28
72	Targeting Dengue Virus NS-3 Helicase by Ligand based Pharmacophore Modeling and Structure based Virtual Screening. Frontiers in Chemistry, 2017, 5, 88.	3.6	28

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73	Validation of the Antioxidant and Enzyme Inhibitory Potential of Selected Triterpenes Using In Vitro and In Silico Studies, and the Evaluation of Their ADMET Properties. Molecules, 2021, 26, 6331.	3.8	28
74	Antimicrobial constituents from three endophytic fungi. Asian Pacific Journal of Tropical Medicine, 2014, 7, S224-S227.	0.8	27
75	Applications of FT-NIRS combined with PLS multivariate methods for the detection & quantification of saccharin adulteration in commercial fruit juices. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 1052-1060.	2.3	27
76	Phyto-Extract-Mediated Synthesis of Silver Nanoparticles Using Aqueous Extract of Sanvitalia procumbens, and Characterization, Optimization and Photocatalytic Degradation of Azo Dyes Orange G and Direct Blue-15. Molecules, 2021, 26, 6144.	3.8	27
77	Laportoside A and Laportomide A: A New Cerebroside and a New Ceramide from Leaves of Laportea ovalifolia. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 1208-1212.	0.7	26
78	Microsphaerol and Seimatorone: Two New Compounds Isolated from the Endophytic Fungi,Microsphaeropsissp. andSeimatosporiumsp.. Chemistry and Biodiversity, 2015, 12, 289-294.	2.1	26
79	Incensfuran: isolation, X-ray crystal structure and absolute configuration by means of chiroptical studies in solution and solid state. RSC Advances, 2017, 7, 42357-42362.	3.6	26
80	Glycyrrhetinic acid: a promising scaffold for the discovery of anticancer agents. Expert Opinion on Drug Discovery, 2021, 16, 1497-1516.	5.0	26
81	Endophytic fungus Penicillium chrysogenum, a new source of hypocrellins. Biochemical Systematics and Ecology, 2011, 39, 163-165.	1.3	25
82	Fast detection and quantification of pork meat in other meats by reflectance FT-NIR spectroscopy and multivariate analysis. Meat Science, 2020, 163, 108084.	5.5	25
83	Phytochemical investigation and antimicrobial activity of an endophytic fungus Phoma sp.. Journal of King Saud University - Science, 2015, 27, 92-95.	3.5	24
84	Application of NIRS coupled with PLS regression as a rapid, non-destructive alternative method for quantification of KBA in Boswellia sacra. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 184, 277-285.	3.9	24
85	A patent review of the therapeutic potential of isoflavones (2012-2016). Expert Opinion on Therapeutic Patents, 2017, 27, 1135-1146.	5.0	24
86	Prenylated Anthraquinones and Other Constituents from the Seeds of Vismia laurentii. Chemical and Pharmaceutical Bulletin, 2007, 55, 1640-1642.	1.3	23
87	Redox Mechanism and Evaluation of Kinetic and Thermodynamic Parameters of 1,3â€Dioxolo[4,5â€g]pyrido[2,3â€b]quinoxaline Using Electrochemical Techniques. Electroanalysis, 2014, 26, 2292-2300.	2.9	23
88	Probing the pH dependent electrochemistry of a novel quinoxaline carboxylic acid derivative at a glassy carbon electrode. Electrochimica Acta, 2014, 147, 121-128.	5.2	23
89	Recent advances in genus Mentha: Phytochemistry, antimicrobial effects, and food applications. Food Frontiers, 2020, 1, 435-458.	7.4	23
90	Absolute configuration of 1Î²,10Î²-epoxydesacetoxymatricarin isolated from Carthamus oxycantha by means of TDDFT CD calculations. Tetrahedron: Asymmetry, 2007, 18, 2905-2909.	1.8	22

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91	Antimalarial Compounds from the Root Bark of Garcinia polyantha Olv.. Journal of Antibiotics, 2008, 61, 518-523.	2.0	22
92	Solidâ€state circular dichroism and hydrogen bonding: Absolute configuration of massarigenin A from Microsphaeropsis sp. Chirality, 2011, 23, 617-623.	2.6	22
93	GC-MS Analysis and Antifungal Activity of Essential oils ofAngelica glauca, Plectranthus rugosus, and Valeriana wallichii. Journal of Essential Oil-bearing Plants: JEOP, 2012, 15, 15-21.	1.9	22
94	Nine triterpenes from Boswellia sacra FlÃ¼ckiger and their chemotaxonomic importance. Biochemical Systematics and Ecology, 2013, 51, 113-116.	1.3	22
95	Sorokiniol: a new enzymes inhibitory metabolite from fungal endophyte Bipolaris sorokiniana LK12. BMC Microbiology, 2016, 16, 103.	3.3	22
96	Sodium, Potassium, and Lithium Complexes of Phenanthroline and Diclofenac: First Report on Anticancer Studies. ACS Omega, 2019, 4, 21559-21566.	3.5	22
97	Synthesis, characterization and molecular docking of some novel hydrazonothiazolines as urease inhibitors. Bioorganic Chemistry, 2020, 94, 103404.	4.1	22
98	Tithoniaquinone A and Tithoniamide B: A New Anthraquinone and a New Ceramide from Leaves of Tithonia diversifolia. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2006, 61, 78-82.	0.7	21
99	The Genus Pluchea: Phytochemistry, Traditional Uses, and Biological Activities. Chemistry and Biodiversity, 2013, 10, 1944-1971.	2.1	21
100	Enzyme inhibitory metabolites from endophytic Penicillium citrinum isolated from Boswellia sacra. Archives of Microbiology, 2017, 199, 691-700.	2.2	21
101	Antinociceptive diterpene from Euphorbia decipiens. FÃ¬toterapÃ¬Ã¢, 2005, 76, 230-232.	2.2	20
102	Pestalotheols E-H: Antimicrobial Metabolites from an Endophytic Fungus Isolated from the Tree Arbutus unedo. European Journal of Organic Chemistry, 2011, 2011, 5163-5166.	2.4	20
103	New quinoline-5,8-dione and hydroxynaphthoquinone derivatives inhibit a chloroquine resistant Plasmodium falciparum strain. European Journal of Medicinal Chemistry, 2012, 54, 936-942.	5.5	20
104	Enzyme Inhibitory Radicinol Derivative from Endophytic fungus Bipolaris sorokiniana LK12, Associated with Rhazya stricta. Molecules, 2015, 20, 12198-12208.	3.8	20
105	A patent review of two fruitful decades (1997-2016) of Isocoumarin research. Expert Opinion on Therapeutic Patents, 2017, 27, 1267-1275.	5.0	20
106	Antiproliferative and Carbonic Anhydrase II Inhibitory Potential of Chemical Constituents from Lycium shawii and Aloe vera: Evidence from In Silico Target Fishing and In Vitro Testing. Pharmaceuticals, 2020, 13, 94.	3.8	20
107	Cameroonemide A: a new ceramide from Helichrysum cameroonense. Journal of Asian Natural Products Research, 2010, 12, 629-633.	1.4	19
108	Chemistry and biology of the genusVoacanga. Pharmaceutical Biology, 2012, 50, 1183-1193.	2.9	19

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109	A fruitful decade for fungal polyketides from 2007 to 2016: antimicrobial activity, chemotaxonomy and chemodiversity. Future Medicinal Chemistry, 2017, 9, 1631-1648.	2.3	19
110	Natural and Semisynthetic Chalcones as Dual FLT3 and Microtubule Polymerization Inhibitors. Journal of Natural Products, 2020, 83, 3111-3121.	3.0	19
111	Cichorin A: a new benzo-isochromene fromCichorium intybus. Journal of Asian Natural Products Research, 2011, 13, 566-569.	1.4	18
112	Chemical constituents of Scutellaria linearis. Biochemical Systematics and Ecology, 2008, 36, 490-492.	1.3	17
113	Chemistry and biology of genusVismia. Pharmaceutical Biology, 2012, 50, 1448-1462.	2.9	17
114	New Î±-Glucosidase Inhibitory Triterpenic Acid from Marine Macro Green Alga Codium dwarkense Boergs. Marine Drugs, 2015, 13, 4344-4356.	4.6	17
115	Antimicrobial constituents from endophytic fungus Fusarium sp.. Asian Pacific Journal of Tropical Disease, 2015, 5, 186-189.	0.5	17
116	Thermal oxidation process accelerates degradation of the olive oil mixed with sunflower oil and enables its discrimination using synchronous fluorescence spectroscopy and chemometric analysis. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 143, 298-303.	3.9	17
117	5- epi -Incensole: synthesis, X-ray crystal structure and absolute configuration by means of ECD and VCD studies in solution and solid state. Tetrahedron: Asymmetry, 2016, 27, 829-833.	1.8	17
118	Quantification of AKBA inBoswellia sacraUsing NIRS Coupled with PLSR as an Alternative Method and Cross-Validation by HPLC. Phytochemical Analysis, 2018, 29, 137-143.	2.4	17
119	Dipeptidyl peptidase IV inhibitors as a potential target for diabetes: patent review (2015-2018). Expert Opinion on Therapeutic Patents, 2019, 29, 535-553.	5.0	17
120	Cucurbitacins as Anticancer Agents: A Patent Review. Recent Patents on Anti-Cancer Drug Discovery, 2019, 14, 133-143.	1.6	17
121	pH-dependent redox mechanism and evaluation of kinetic and thermodynamic parameters of a novel anthraquinone. RSC Advances, 2014, 4, 31657-31665.	3.6	16
122	New derivatives of 11-keto-Î²-boswellic acid (KBA) induce apoptosis in breast and prostate cancers cells. Natural Product Research, 2021, 35, 707-716.	1.8	16
123	Overcoming Tribal Boundaries: The Biocultural Heritage of Foraging and Cooking Wild Vegetables among Four Pathan Groups in the Gadoon Valley, NW Pakistan. Biology, 2021, 10, 537.	2.8	16
124	Fruit Peels: Food Waste as a Valuable Source of Bioactive Natural Products for Drug Discovery. Current Issues in Molecular Biology, 2022, 44, 1960-1994.	2.4	16
125	New Bioactive Diterpene Polyesters fromEuphorbiadecipiens. Journal of Natural Products, 2003, 66, 1221-1224.	3.0	15
126	Highly oxygenated cyclohexene metabolites from Uvaria rufa. Biochemical Systematics and Ecology, 2007, 35, 45-47.	1.3	15

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127	Benzoylated derivatives from Uvaria rufa. Biochemical Systematics and Ecology, 2010, 38, 857-860.	1.3	15
128	Antimicrobial activity of two mellein derivatives isolated from an endophytic fungus. Medicinal Chemistry Research, 2015, 24, 2111-2114.	2.4	15
129	Determination of sucrose in date fruits (Phoenix dactylifera L.) growing in the Sultanate of Oman by NIR spectroscopy and multivariate calibration. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 150, 170-174.	3.9	15
130	New design of experiment combined with UVâ€“Vis spectroscopy for extraction and estimation of polyphenols from Basil seeds, Red seeds, Sesame seeds and Ajwan seeds. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 178, 14-18.	3.9	15
131	Quantification of Incensole in Three Boswellia Species by NIR Spectroscopy Coupled with PLSR and Crossâ€Validation by HPLC. Phytochemical Analysis, 2018, 29, 300-307.	2.4	15
132	Investigation of nepetolide as a novel lead compound: Antioxidant, antimicrobial, cytotoxic, anticancer, anti-inflammatory, analgesic activities and molecular docking evaluation. Saudi Pharmaceutical Journal, 2018, 26, 422-429.	2.7	15
133	Effect of phosphate nutrition on growth, physiology and phosphate transporter expression of cucumber seedlings. Plant Physiology and Biochemistry, 2018, 127, 211-222.	5.8	15
134	Gold nanotubes and nanorings: promising candidates for multidisciplinary fields. International Materials Reviews, 2019, 64, 478-512.	19.3	15
135	Boswellic acids: privileged structures to develop lead compounds for anticancer drug discovery. Expert Opinion on Drug Discovery, 2021, 16, 1-17.	5.0	15
136	Separation and antiâ€inflammatory evaluation of phytochemical constituents from Pleurospermum candollei (Apiaceae) by highâ€speed countercurrent chromatography with continuous sample load. Journal of Separation Science, 2021, 44, 2663-2673.	2.5	15
137	Vaccine Development against COVID-19: Study from Pre-Clinical Phases to Clinical Trials and Global Use. Vaccines, 2021, 9, 836.	4.4	15
138	Laurentixanthone C: A New Antifungal and Algicidal Xanthone from Stem Bark of Vismia laurentii. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 565-568.	0.7	14
139	Psorantin, a unique methylene linked dimer of vismin and kenganthranol E, two anthranoid derivatives from the fruits of Psorospermum aurantiacum (Hypericaceae). Phytochemistry Letters, 2010, 3, 185-189.	1.2	14
140	Analgesic, anti-inflammatory, and CNS depressant activities of new constituents of Nepeta clarkei. FÃ¬toterapÃ¬Ã¢, 2012, 83, 593-598.	2.2	14
141	11Î±â€Ethoxyâ€Î²â€boswellic Acid and Nizwanone, a New Boswellic Acid Derivative and a New Triterpene, Respectively, from Boswellia sacra. Chemistry and Biodiversity, 2013, 10, 1501-1506.	2.1	14
142	Application of reflectance spectroscopies (FTIR-ATR & FT-NIR) coupled with multivariate methods for robust in vivo detection of begomovirus infection in papaya leaves. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 198, 27-32.	3.9	14
143	Application of NIR Spectroscopy Coupled with PLS Regression for Quantification of Total Polyphenol Contents from the Fruit and Aerial Parts of <scp>Citrullus colocynthis</scp>. Phytochemical Analysis, 2018, 29, 16-22.	2.4	14
144	Synthesis of new boswellic acid derivatives as potential antiproliferative agents. Natural Product Research, 2020, 34, 1845-1852.	1.8	14

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145	Cichorins Dâ€“F: Three New Compounds from Cichorium intybus and Their Biological Effects. Molecules, 2020, 25, 4160.	3.8	14
146	Synthesis of benzimidazole based hydrazones as nonâ€sugar based Î±â€glucosidase inhibitors: Structure activity relation and molecular docking. Drug Development Research, 2021, 82, 1033-1043.	2.9	14
147	Extraction and purification of cis/trans asarone from Acorus tatarinowii Schott: Accelerated solvent extraction and silver ion coordination high-speed counter-current chromatography. Journal of Chromatography A, 2021, 1643, 462080.	3.7	14
148	An efficient highâ€speed counterâ€current chromatography method for the preparative separation of potential antioxidants from Paeonia lactiflora Pall. combination of in vitro evaluation and molecular docking. Journal of Separation Science, 2022, 45, 1856-1865.	2.5	14
149	Exochromone: Structurally Unique Chromone Dimer with Antifungal and Algicidal Activity from Exophiala Sp.. Heterocycles, 2007, 74, 331.	0.7	13
150	Allelochemical, Eudesmane-Type Sesquiterpenoids from Inula falconeri. Molecules, 2010, 15, 1554-1561.	3.8	13
151	Phytotoxic and Antifungal Activities of Essential Oils ofThymus serpyllumGrown in the State of Jammu and Kashmir. Journal of Essential Oil-bearing Plants: JEOP, 2010, 13, 224-229.	1.9	13
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