Oliver Kayser

List of Publications by Year
in descending order

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194 papers	10,885 citations	34105 52 h-index	33894 99 g-index
241 all docs	241 docs citations	241 times ranked	12694 citing authors

#	Article	IF	Citations
1	Solid lipid nanoparticles for parenteral drug delivery. Advanced Drug Delivery Reviews, 2004, 56, 1257-1272.	13.7	1,260
2	Nanosuspensions as particulate drug formulations in therapy. Advanced Drug Delivery Reviews, 2001, 47, 3-19.	13.7	1,229
3	Best practice in research â€“ Overcoming common challenges in phytopharmacological research. Journal of Ethnopharmacology, 2020, 246, 112230.	4.1	341
4	Natural products as antiparasitic drugs. Parasitology Research, 2003, 90, S55-S62.	1.6	316
5	Amphotericin B. Applied Microbiology and Biotechnology, 2005, 68, 151-162.	3.6	261
6	The Impact of Nanobiotechnology on the Development of New Drug Delivery Systems. Current Pharmaceutical Biotechnology, 2005, 6, 3-5.	1.6	258
7	Antibacterial Activity of Extracts and Constituents ofPelargonium sidoidesandPelargonium reniforme. Planta Medica, 1997, 63, 508-510.	1.3	198
8	Nanosuspensions as a new approach for the formulation for the poorly soluble drug tarazepide. International Journal of Pharmaceutics, 2000, 196, 161-164.	5.2	198
9	Tropane Alkaloids: Chemistry, Pharmacology, Biosynthesis and Production. Molecules, 2019, 24, 796.	3.8	187
10	Jamu: Indonesian traditional herbal medicine towards rational phytopharmacological use. Journal of Herbal Medicine, 2014, 4, 51-73.	2.0	182
11	Analysis of cannabinoids in laser-microdissected trichomes of medicinal Cannabis sativa using LCMS and cryogenic NMR. Phytochemistry, 2013, 87, 51-59.	2.9	174
12	Formulation of amphotericin B as nanosuspension for oral administration. International Journal of Pharmaceutics, 2003, 254, 73-75.	5.2	161
13	Rhodomyrtone: A new candidate as natural antibacterial drug from Rhodomyrtus tomentosa. Phytomedicine, 2009, 16, 645-651.	5.3	155
14	Lipid-Drug-Conjugate (LDC) Nanoparticles as Novel Carrier System for the Hydrophilic Antitrypanosomal Drug Diminazenediaceturate. Journal of Drug Targeting, 2002, 10, 387-396.	4.4	153
15	Endophytic fungi harbored in Cannabis sativa L.: diversity and potential as biocontrol agents against host plant-specific phytopathogens. Fungal Diversity, 2013, 60, 137-151.	12.3	151
16	Lipase degradation of Dynasan 114 and 116 solid lipid nanoparticles (SLN)â€”effect of surfactants, storage time and crystallinity. International Journal of Pharmaceutics, 2002, 237, 119-128.	5.2	145
17	Nanosuspensions of poorly soluble drugs â€” reproducibility of small scale production. International Journal of Pharmaceutics, 2000, 196, 155-159.	5.2	136
18	Pantethine rescues a Drosophila model for pantothenate kinaseâ€“associated neurodegeneration. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6988-6993.	7.1	132

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19	Anti-cancer and Antibacterial Trioxacarcins with High Anti-malaria Activity from a Marine Streptomycete and their Absolute Stereochemistry. Journal of Antibiotics, 2004, 57, 771-779.	2.0	128
20	Endophytes: exploiting biodiversity for the improvement of natural product-based drug discovery. Journal of Plant Interactions, 2008, 3, 75-93.	2.1	123
21	Atovaquone Nanosuspensions Show Excellent Therapeutic Effect in a New Murine Model of Reactivated Toxoplasmosis. Antimicrobial Agents and Chemotherapy, 2001, 45, 1771-1779.	3.2	118
22	Antibacterial Activity of Simple Coumarins: Structural Requirements for Biological Activity. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1999, 54, 169-174.	1.4	117
23	The role of plasma proteins in brain targeting: species dependent protein adsorption patterns on brain-specific lipid drug conjugate (LDC) nanoparticles. International Journal of Pharmaceutics, 2001, 214, 87-91.	5.2	113
24	Combinatorial biosynthesis of medicinal plant secondary metabolites. New Biotechnology, 2006, 23, 265-279.	2.7	99
25	Immunomodulatory principles ofPelargonium sidoides. Phytotherapy Research, 2001, 15, 122-126.	5.8	98
26	Functional analysis of genes involved in the biosynthesis of isoprene in Bacillus subtilis. Applied Microbiology and Biotechnology, 2007, 75, 1377-1384.	3.6	93
27	Pharmacological profile of extracts of Pelargonium sidoides and their constituents. Phytomedicine, 2003, 10, 18-24.	5.3	92
28	Taxomyces andreanae: A Presumed Paclitaxel Producer Demystified?. Planta Medica, 2009, 75, 1561-1566.	1.3	92
29	Lipidâ€“drug conjugate nanoparticles of the hydrophilic drug diminazeneâ€”cytotoxicity testing and mouse serum adsorption. Journal of Controlled Release, 2004, 96, 425-435.	9.9	91
30	In Vitro Leishmanicidal Activity of Aurones. Planta Medica, 1999, 65, 316-319.	1.3	79
31	In vitro Leishmanicidal activity of naturally occurring chalcones. Phytotherapy Research, 2001, 15, 148-152.	5.8	78
32	In silico profiling of Escherichia coli and Saccharomyces cerevisiae as terpenoid factories. Microbial Cell Factories, 2013, 12, 84.	4.0	78
33	Endophytes Are Hidden Producers of Maytansine in Putterlickia Roots. Journal of Natural Products, 2014, 77, 2577-2584.	3.0	73
34	Engineering yeasts as platform organisms for cannabinoid biosynthesis. Journal of Biotechnology, 2017, 259, 204-212.	3.8	73
35	Challenges at the Time of COVID-19: Opportunities and Innovations in Antivirals from Nature. Planta Medica, 2020, 86, 659-664.	1.3	72
36	Production and characterisation of mucoadhesive nanosuspensions for the formulation of bupravaquone. International Journal of Pharmaceutics, 2001, 214, 3-7.	5.2	71

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37	Natural products â€“ modifying metabolite pathways in plants. Biotechnology Journal, 2013, 8, 1159-1171.	3.5	70
38	Elucidation of structure-function relationship of THCA and CBDA synthase from Cannabis sativa L.. Journal of Biotechnology, 2018, 284, 17-26.	3.8	69
39	Highly oxygenated coumarins from Pelargonium sidoides,. Phytochemistry, 1995, 39, 1181-1185.	2.9	68
40	Endophytic Diaporthe sp. LG23 Produces a Potent Antibacterial Tetracyclic Triterpenoid. Journal of Natural Products, 2015, 78, 2128-2132.	3.0	67
41	Antibacterial Azaphilones from an Endophytic Fungus, Colletotrichum sp. BS4. Journal of Natural Products, 2016, 79, 704-710.	3.0	66
42	Antileishmanial Activity of Hydrolyzable Tannins and their Modulatory Effects on Nitric Oxide and Tumour Necrosis Factor-Î± Release in Macrophages in Vitro. Planta Medica, 2001, 67, 825-832.	1.3	62
43	Production of Î”9-tetrahydrocannabinolic acid from cannabigerolic acid by whole cells of Pichia (Komagataella) pastoris expressing Î”9-tetrahydrocannabinolic acid synthase from Cannabis sativa l.. Biotechnology Letters, 2015, 37, 1869-1875.	2.2	61
44	Antimicrobial, antitumor and antileishmania screening of medicinal plants from Guinea-Bissau. Phytomedicine, 1999, 6, 187-195.	5.3	60
45	Quorum quenching is an antivirulence strategy employed by endophytic bacteria. Applied Microbiology and Biotechnology, 2014, 98, 7173-7183.	3.6	60
46	A new approach for targeting to Cryptosporidium parvum using mucoadhesive nanosuspensions: research and applications. International Journal of Pharmaceutics, 2001, 214, 83-85.	5.2	59
47	In vitro leishmanicidal activity of monomeric and dimeric naphthoquinones. Acta Tropica, 2000, 77, 307-314.	2.0	58
48	New Trichothecenes Isolated fromHolarrhenafloribunda. Journal of Natural Products, 2000, 63, 52-56.	3.0	57
49	Nanosuspensions for the formulation of aphidicolin to improve drug targeting effects against Leishmania infected macrophages. International Journal of Pharmaceutics, 2000, 196, 253-256.	5.2	56
50	Potential antibiotic and anti-infective effects of rhodomyrtone from Rhodomyrtus tomentosa (Aiton) Hassk. on Streptococcus pyogenes as revealed by proteomics. Phytomedicine, 2011, 18, 934-940.	5.3	56
51	Natural products as potential antiparasitic drugs. Studies in Natural Products Chemistry, 2002, 26, 779-848.	1.8	55
52	Perspectives and limits of engineering the isoprenoid metabolism in heterologous hosts. Applied Microbiology and Biotechnology, 2009, 84, 1003-1019.	3.6	54
53	Designing microorganisms for heterologous biosynthesis of cannabinoids. FEMS Yeast Research, 2017, 17, .	2.3	54
54	Enzymatic Degradation of Dynasan 114 SLN â€“ Effect of Surfactants and Particle Size. Journal of Nanoparticle Research, 2002, 4, 121-129.	1.9	53

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55	Implications of endophyte-plant crosstalk in light of quorum responses for plant biotechnology. Applied Microbiology and Biotechnology, 2015, 99, 5383-5390.	3.6	53
56	Structure -Cytotoxicity Relationships of a Series of Natural and Semi-Synthetic Simple Coumarins as Assessed in Two Human Tumour Cell Lines. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1997, 52, 240-244.	1.4	51
57	Traditional use of ethnomedicinal native plants in the Kingdom of Saudi Arabia. Journal of Ethnobiology and Ethnomedicine, 2019, 15, 2.	2.6	50
58	Heavy metal contamination of nanosuspensions produced by high-pressure homogenisation. International Journal of Pharmaceutics, 2000, 196, 169-172.	5.2	49
59	Natural products and synthetic compounds as immunomodulators. Expert Review of Anti-Infective Therapy, 2003, 1, 319-335.	4.4	49
60	Proanthocyanidins and Related Compounds: Antileishmanial Activity and Modulatory Effects on Nitric Oxide and Tumor Necrosis Factor-.ALPHA.-Release in the Murine Macrophage-Like Cell Line RAW 264.7.. Biological and Pharmaceutical Bulletin, 2001, 24, 1016-1021.	1.4	47
61	Characterization of nebulized buparvaquone nanosuspensionsâ€"effect of nebulization technology. Journal of Drug Targeting, 2005, 13, 499-507.	4.4	47
62	Delivery of amphotericin B nanosuspensions to the brain and determination of activity against Balamuthia mandrillaris amebas. Nanomedicine: Nanotechnology, Biology, and Medicine, 2010, 6, 597-603.	3.3	47
63	Antiparasitic Activity of Marine Pyridoacridone Alkaloids Related to the Ascididemins. Planta Medica, 2003, 69, 527-531.	1.3	46
64	Scopolamine: a journey from the field to clinics. Phytochemistry Reviews, 2017, 16, 333-353.	6.5	46
65	Evaluation of the Antimicrobial Potency of Tannins and Related Compounds Using the Microdilution Broth Method. Planta Medica, 1999, 65, 444-446.	1.3	45
66	In vitro leishmanicidal activity of monomeric and dimeric naphthoquinones. Acta Tropica, 2000, 76, 131-138.	2.0	45
67	The phytochemical profile and identification of main phenolic compounds from the leaf exudate of Aloe secundiflora by high-performance liquid chromatography-mass spectroscopy. Phytochemical Analysis, 2003, 14, 83-86.	2.4	45
68	Production of Justicidin B, a Cytotoxic Arylnaphthalene Lignan from Genetically Transformed Root Cultures ofLinumleonii. Journal of Natural Products, 2006, 69, 1014-1017.	3.0	43
69	HPLC-photodiode array detection analysis of curcuminoids inCurcuma species indigenous to Indonesia. Phytochemical Analysis, 2007, 18, 118-122.	2.4	43
70	Natural products â€“ learning chemistry from plants. Biotechnology Journal, 2014, 9, 326-336.	3.5	43
71	Cannabinoid synthases and osmoprotective metabolites accumulate in the exudates of Cannabis sativa L. glandular trichomes. Plant Science, 2019, 284, 108-116.	3.6	43
72	The Molecular Cloning of Dihydroartemisinic Aldehyde Reductase and its Implication in Artemisinin Biosynthesis inArtemisia annua. Planta Medica, 2010, 76, 1778-1783.	1.3	41

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73	Cytotoxicity studies of Dynasan 114 solid lipid nanoparticles (SLN) on RAW 264.7 macrophagesâ€"impact of phagocytosis on viability and cytokine production. Journal of Pharmacy and Pharmacology, 2010, 56, 883-891.	2.4	40
74	Monitoring Metabolite Profiles of Cannabis sativa L. Trichomes during Flowering Period Using 1H NMR-Based Metabolomics and Real-Time PCR. Planta Medica, 2016, 82, 1217-1223.	1.3	39
75	Antileishmanial activity of piceatannol isolated from Euphorbia lagascae seeds. Phytotherapy Research, 2008, 22, 455-457.	5.8	38
76	Hexacyclopeptides secreted by an endophytic fungus Fusarium solani N06 act as crosstalk molecules in Narcissus tazetta. Applied Microbiology and Biotechnology, 2015, 99, 7651-7662.	3.6	38
77	Cross-species biosynthesis of maytansine in Maytenus serrata. RSC Advances, 2016, 6, 10011-10016.	3.6	38
78	Bioconversion of deoxypodophyllotoxin into epipodophyllotoxin in E. coli using human cytochrome P450 3A4. Journal of Biotechnology, 2006, 126, 383-393.	3.8	37
79	Identification of lignans and related compounds in Anthriscus sylvestris by LCâ€"ESI-MS/MS and LC-SPEâ€"NMR. Phytochemistry, 2011, 72, 2172-2179.	2.9	36
80	Leishmanicidal and Antiplasmodial Activity of Constituents ofSmirnowiairanica. Journal of Natural Products, 2002, 65, 1754-1758.	3.0	35
81	Petunia hybrida PDR2 is involved in herbivore defense by controlling steroidal contents in trichomes. Plant, Cell and Environment, 2016, 39, 2725-2739.	5.7	34
82	Cannabis sativa research trends, challenges, and new-age perspectives. IScience, 2021, 24, 103391.	4.1	34
83	In VitroActivity of Aurones againstPlasmodium falciparumStrains K1 and NF54. Planta Medica, 2001, 67, 718-721.	1.3	33
84	Stable Biocompatible Adjuvants â€" a New Type of Adjuvant Based on Solid Lipid Nanoparticles: A Study on Cytotoxicity, Compatibility and Efficacy in Chicken. ATLA Alternatives To Laboratory Animals, 2002, 30, 443-458.	1.0	32
85	Essential Oil Content and Constituents of Black Zira (Bunium persicum [Boiss.] B. Fedtsch.) from Iran During Field Cultivation (Domestication). Journal of Essential Oil Research, 2009, 21, 78-82.	2.7	32
86	Antileishmanial Activities of Aphidicolin and Its Semisynthetic Derivatives. Antimicrobial Agents and Chemotherapy, 2001, 45, 288-292.	3.2	31
87	Current Perspectives on Biotechnological Cannabinoid Production in Plants. Planta Medica, 2018, 84, 214-220.	1.3	31
88	In Vivo Validation of In Silico Predicted Metabolic Engineering Strategies in Yeast: Disruption of Î±-Ketoglutarate Dehydrogenase and Expression of ATP-Citrate Lyase for Terpenoid Production. PLoS ONE, 2015, 10, e0144981.	2.5	31
89	Chemistry and Biological Activity of Tetrahydrocannabinol and its Derivatives. Topics in Heterocyclic Chemistry, 2007, , 1-42.	0.2	30
90	Lignan profile of Piper cubeba, an Indonesian medicinal plant. Biochemical Systematics and Ecology, 2007, 35, 397-402.	1.3	30

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91	Inhibition of mutagenesis of 2-amino-3-methylimidazo[4,5-Æ']quinoline (IQ) by coumarins and furanocoumarins, chromanones and furanochromanones. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1995, 345, 57-71.	1.2	29
92	Formulation and biopharmaceutical issues in the development of drug delivery systems for antiparasitic drugs. Parasitology Research, 2003, 90, S63-S70.	1.6	29
93	Production of Î±-cuprenene in Xanthophyllomyces dendrorhous: a step closer to a potent terpene biofactory. Microbial Cell Factories, 2013, 12, 13.	4.0	29
94	Cannabinoids Production by Hairy Root Cultures of <i>Cannabis sativa</i> L.. American Journal of Plant Sciences, 2015, 06, 1874-1884.	0.8	29
95	Gene Expression Profiles of Inducible Nitric Oxide Synthase and Cytokines inLeishmania major-Infected Macrophage-Like RAW 264.7 Cells Treated with Gallic Acid. Planta Medica, 2004, 70, 924-928.	1.3	28
96	Lignans from Cell Suspension Cultures ofPhyllanthusniruri, an Indonesian Medicinal Plant. Journal of Natural Products, 2006, 69, 55-58.	3.0	28
97	Identification of Putative Precursor Genes for the Biosynthesis of Cannabinoid-Like Compound in Radula marginata. Frontiers in Plant Science, 2018, 9, 537.	3.6	28
98	Optimization of Î" 9 -tetrahydrocannabinolic acid synthase production in Komagataella phaffii via post-translational bottleneck identification. Journal of Biotechnology, 2018, 272-273, 40-47.	3.8	27
99	Chemical fingerprinting of single glandular trichomes of Cannabis sativa by Coherent anti-Stokes Raman scattering (CARS) microscopy. BMC Plant Biology, 2018, 18, 275.	3.6	27
100	Unusual Coumarin Patterns of Pelargonium Species Forming the Origin of the Traditional Herbal Medicine Umckaloabo. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2000, 55, 528-533.	1.4	26
101	Tannins and Related Compounds: Killing of Amastigotes of Leishmania donovani and Release of Nitric Oxide and Tumour Necrosis Factor a in Macrophages in vitro. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2001, 56, 444-454.	1.4	25
102	Evaluation ofIn VitroActivity of Aurones and Related Compounds againstCryptosporidium parvum. Planta Medica, 2001, 67, 722-725.	1.3	24
103	Delivery strategies for antiparasitics. Expert Opinion on Investigational Drugs, 2003, 12, 197-207.	4.1	24
104	Virus-induced gene silencing (VIGS) in Cannabis sativa L.. Plant Methods, 2019, 15, 157.	4.3	24
105	Aurones Interfere with Leishmania major Mitochondrial Fumarate Reductase. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2002, 57, 717-720.	1.4	23
106	Essential Oil Constituents ofPiper cubebaL. fils. from Indonesia. Journal of Essential Oil Research, 2007, 19, 14-17.	2.7	22
107	Metabolic stereoselectivity of cytochrome P450 3A4 towards deoxypodophyllotoxin: In silico predictions and experimental validation. European Journal of Medicinal Chemistry, 2008, 43, 1171-1179.	5.5	21
108	Antileishmania and Immunostimulating Activities of Two Dimeric Proanthocyanidins From Khaya senegalensis. Pharmaceutical Biology, 2001, 39, 284-288.	2.9	20

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109	Antibacterial Activity ofRhodomyrtus tomentosa(Aiton) Hassk. Leaf Extract against Clinical Isolates ofStreptococcus pyogenes. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-6.	1.2	20
110	Ozone pretreatment of process waste water generated in course of fluoroquinolone production. Chemosphere, 2017, 185, 953-963.	8.2	20
111	Rational use of Jatropha curcas L. in food and medicine: from toxicity problems to safe applications. Phytochemistry Reviews, 2013, 12, 107-119.	6.5	19
112	Ethnobotany and Medicinal Plant Biotechnology: From Tradition to Modern Aspects of Drug Development. Planta Medica, 2018, 84, 834-838.	1.3	19
113	Demystifying the liverwort Radula marginata, a critical review on its taxonomy, genetics, cannabinoid phytochemistry and pharmacology. Phytochemistry Reviews, 2019, 18, 953-965.	6.5	19
114	Bioengineering studies and pathway modeling of the heterologous biosynthesis of tetrahydrocannabinolic acid in yeast. Applied Microbiology and Biotechnology, 2020, 104, 9551-9563.	3.6	19
115	Discrimination of wild types and hybrids of Duboisia myoporoides and Duboisia leichhardtii at different growth stages using 1H NMR-based metabolite profiling and tropane alkaloids-targeted HPLC-MS analysis. Phytochemistry, 2016, 131, 44-56.	2.9	18
116	Localization and Organization of Scopolamine Biosynthesis in Duboisia myoporoides R. Br.. Plant and Cell Physiology, 2018, 59, 107-118.	3.1	18
117	Antileishmanial activity of two Î³-pyrones from Podolepsis hieracioides (Asteraceae). Acta Tropica, 2003, 86, 105-107.	2.0	17
118	Antileishmanial Structure-Activity Relationships of Synthetic Phospholipids: In Vitro and In Vivo Activities of Selected Derivatives. Antimicrobial Agents and Chemotherapy, 2007, 51, 4525-4528.	3.2	17
119	Subcellular localization defines modification and production of Î”9-tetrahydrocannabinolic acid synthase in transiently transformed Nicotiana benthamiana. Biotechnology Letters, 2018, 40, 981-987.	2.2	16
120	Secondary metabolites fromDiaporthe lithocarpusisolated fromArtocarpus heterophyllus. Natural Product Research, 2021, 35, 2324-2328.	1.8	16
121	Evaluation of in vitro and in vivo activity of benzindazole-4,9-quinones against Cryptosporidium parvum. Journal of Antimicrobial Chemotherapy, 2002, 50, 975-980.	3.0	15
122	Seasonal Variations in the Deoxypodophyllotoxin Content and Yield of Anthriscus sylvestris L. (Hoffm.) Grown in the Field and under Controlled Conditions. Journal of Agricultural and Food Chemistry, 2011, 59, 8132-8139.	5.2	15
123	Chemical composition and biological activity of the essential oil from the root of Jatropha pelargoniifolia Courb. native to Saudi Arabia. Saudi Pharmaceutical Journal, 2019, 27, 88-95.	2.7	14
124	Cultivation and Breeding of Cannabis sativa L. for Preparation of Standardized Extracts for Medicinal Purposes. Medicinal and Aromatic Plants of the World, 2015, , 165-186.	0.2	13
125	Synthetic Strategies for Rare Cannabinoids Derived from Cannabis sativa. Journal of Natural Products, 2022, 85, 1555-1568.	3.0	13
126	Biocontrol potential of endophytes harbored in Radula marginata (liverwort) from the New Zealand ecosystem. Antonie Van Leeuwenhoek, 2014, 106, 771-788.	1.7	12

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127	Influence of Light, Temperature, and Macronutrients on Growth and Scopolamine Biosynthesis in Duboisia species. Planta Medica, 2017, 83, 937-945.	1.3	12
128	Natural deep eutectic solvents enhance cannabinoid biotransformation. Biochemical Engineering Journal, 2022, 180, 108380.	3.6	11
129	Molecular Cloning and Characterization of a Broad Substrate Terpenoid Oxidoreductase from Artemisia annua. Plant and Cell Physiology, 2010, 51, 1219-1228.	3.1	10
130	In vitro regeneration of wild chervil (Anthriscus sylvestris L.). In Vitro Cellular and Developmental Biology - Plant, 2012, 48, 355-361.	2.1	9
131	The Phytochemical and Biological Investigation of Jatropha pelargoniifolia Root Native to the Kingdom of Saudi Arabia. Molecules, 2018, 23, 1892.	3.8	9
132	Minor Cannabinoids of Cannabis sativa L.. Journal of Medical Science, 2019, 88, 141-149.	0.7	8
133	Pneumocystis carinii Synthesizes Four Ubiquinone Homplogs: Inhibition by Atovaquone and Bupravaquone but not by Stigmatellin. Journal of Eukaryotic Microbiology, 2001, 48, 172s-173s.	1.7	7
134	Enhancement of Antimicrobial Activity of Tannins and Related Compounds by Immune Modulatory Effects. , 1999, 66, 575-594.		7
135	Plant Cell Cultures: Production of Biologically Important Secondary Metabolites from Medicinal Plants of Taiwan. , 0, , 267-285.		6
136	Ubiquinone Synthesis and its Regulation in Pneumocystis carinii. Journal of Eukaryotic Microbiology, 2006, 53, 435-444.	1.7	6
137	The Engineering of Medicinal Plants: Prospects and Limitations of Medicinal Plant Biotechnology. , 0, , 1-8.		6
138	Essential oil constituents derived from different organs of a relictual conifer Wollemia nobilis. Biochemical Systematics and Ecology, 2010, 38, 131-135.	1.3	6
139	Screening the endophytic flora ofWollemia nobilisfor alternative paclitaxel sources. Journal of Plant Interactions, 2010, 5, 189-195.	2.1	6
140	Evaluation of Callus Cultures to Elucidate the Metabolism of Tebuconazole, Flurtamone, Fenhexamid, and Metalaxyl-M in Brassica napus L., Glycine max (L.) Merr., Zea mays L., and Triticum aestivum L.. Journal of Agricultural and Food Chemistry, 2020, 68, 14123-14134.	5.2	6
141	Sculpturing the Architecture of Mineralized Tissues: Tissue Engineering of Bone from Soluble Signals to Smart Biomimetic Matrices. , 2005, , 281-297.		5
142	Calibration of complex mixtures in one sweep. International Journal for Ion Mobility Spectrometry, 2018, 21, 55-64.	1.4	5
143	Ozonation of rivaroxaban production waste water and comparison of generated transformation products with known in vivo and in vitro metabolites. Science of the Total Environment, 2020, 714, 136825.	8.0	5
144	Activity of THC, CBD, and CBN on Human ACE2 and SARS-CoV1/2 Main Protease to Understand Antiviral Defense Mechanism. Planta Medica, 2022, 88, 1047-1059.	1.3	5

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145	Genome Mining and Gene Expression Reveal Maytansine Biosynthetic Genes from Endophytic Communities Living inside Gymnosporia heterophylla (Eckl. and Zeyh.) Loes. and the Relationship with the Plant Biosynthetic Gene, Friedelin Synthase. Plants, 2022, 11, 321.	3.5	5
146	Composition of the Essential Oil From Roots and Rhizomes ofValeriana phuL. Growing Wild in Turkey. Journal of Essential Oil Research, 2009, 21, 437-440.	2.7	4
147	Heterologous expression of pentalenene synthase (PSS) from Streptomyces UC5319 in Xanthophyllomyces dendrorhous. Journal of Biotechnology, 2012, 161, 302-307.	3.8	4
148	Recent Advances in Research on Cannabis sativa L. Endophytes and Their Prospect for the Pharmaceutical Industry. , 2014, , 3-15.		4
149	In vitro metabolism of tebuconazole, flurtamone, fenhexamid, metalaxylâ€<scp>M</scp> and spirodiclofen in Cannabis sativa<scp>L.</scp> (hemp) callus cultures. Pest Management Science, 2021, 77, 5356-5366.	3.4	4
150	Glycosylation of Recombinant Proteins in Plan. , 0, , 345-374.		4
151	Plant Biochemistry and Biotechnology of Flavor Compounds and Essential Oils. , 0, , 469-492.		4
152	In-Vitro Culturing Techniques of Medicinal Plants. , 0, , 157-185.		3
153	Bioprospecting: The Search for Bioactive Lead Structures from Nature. , 0, , 97-116.		3
154	Preliminary Examination of the Composition of the Essential Oil From the Roots and Rhizomes ofValeriana alpestrisStev. Growing in Turkey. Journal of Essential Oil Research, 2009, 21, 555-557.	2.7	3
155	Metabolism of Fenhexamid, Metalaxyl-M, Tebuconazole, Flurtamone, and Spirodiclofen in Cannabis sativa L. (hemp) Plants. ACS Agricultural Science and Technology, 2021, 1, 192-201.	2.3	3
156	Cannabis Endophytes and Their Application in Breeding and Physiological Fitness. , 2017, , 419-437.		3
157	Endophytic diversity of pahrmaceutically important Cannabis sativa. Planta Medica, 2012, 78, .	1.3	3
158	Cannabinoids as New Drug Candidates for the Treatment of Glaucoma. Planta Medica, 2022, 88, 1267-1274.	1.3	3
159	A Primer on Pharmaceutical Biotechnology and Industrial Applications. , 2005, , 1-8.		2
160	Pharmacokinetics and Pharmacodynamics of Biotech Drugs. , 2005, , 145-172.		2
161	Bioconversion of Mono- and Sesquiterpenoids by Recombinant Human Cytochrome P450 Monooxygenases. Pharmaceutical Biology, 2008, 46, 710-718.	2.9	2
162	Diels-Alder Type Adducts from Hairy Root Cultures of Morus macroura. Natural Product Sciences, 2019, 25, 233.	0.9	2

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163	Editorial: Biotechnological Production and Conversion of Aromatic Compounds and Natural Products. Frontiers in Bioengineering and Biotechnology, 2020, 8, 646.	4.1	2
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