

Matthias Hamburger

List of Publications by Year in descending order

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290
papers

9,325
citations

46984

47
h-index

76872

74
g-index

303
all docs

303
docs citations

303
times ranked

10282
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative study of four immortalized human brain capillary endothelial cell lines, hCMEC/D3, hBMEC, TY10, and BB19, and optimization of culture conditions, for an in vitro blood-brain barrier model for drug permeability studies. <i>Fluids and Barriers of the CNS</i> , 2013, 10, 33.	2.4	311
2	7. Bioactivity in plants: the link between phytochemistry and medicine. <i>Phytochemistry</i> , 1991, 30, 3864-3874.	1.4	309
3	Plants traditionally used in age related brain disorders—A survey of ethnobotanical literature. <i>Journal of Ethnopharmacology</i> , 2007, 113, 363-381.	2.0	253
4	Pressurized liquid extraction of medicinal plants. <i>Journal of Chromatography A</i> , 1999, 837, 211-219.	1.8	196
5	Medicinal herbs for the treatment of rheumatic disorders—A survey of European herbals from the 16th and 17th century. <i>Journal of Ethnopharmacology</i> , 2009, 121, 343-359.	2.0	166
6	Morinda citrifolia (Noni) Fruit - Phytochemistry, Pharmacology, Safety. <i>Planta Medica</i> , 2007, 73, 191-199.	0.7	155
7	Antimicrobial flavonoids from <i>Psiadia trinervia</i> and their methylated and acetylated derivatives. <i>Phytochemistry</i> , 1989, 28, 2323-2327.	1.4	149
8	Concepts and technologies for tracking bioactive compounds in natural product extracts: generation of libraries, and hyphenation of analytical processes with bioassays. <i>Natural Product Reports</i> , 2013, 30, 546.	5.2	123
9	Identification and Isolation of the Cyclooxygenase-2 Inhibitory Principle in <i>Isatis tinctoria</i> . <i>Planta Medica</i> , 2001, 67, 411-416.	0.7	122
10	Novel Tetramic Acids and Pyridone Alkaloids, Militarinones B, C, and D, from the Insect Pathogenic Fungus <i>Paecilomyces militaris</i> . <i>Journal of Natural Products</i> , 2003, 66, 378-383.	1.5	114
11	Swiss ethnoveterinary knowledge on medicinal plants – a within-country comparison of Italian speaking regions with north-western German speaking regions. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2017, 13, 1.	1.1	111
12	Ultraviolet A Induces Generation of Squalene Monohydroperoxide Isomers in Human Sebum and Skin Surface Lipids In Vitro and In Vivo. <i>Journal of Investigative Dermatology</i> , 2003, 120, 915-922.	0.3	108
13	<i>Isatis tinctoria</i> – From the rediscovery of an ancient medicinal plant towards a novel anti-inflammatory phytopharmaceutical. <i>Phytochemistry Reviews</i> , 2002, 1, 333-344.	3.1	106
14	Antiplasmodial Lanostanes from the <i>Ganoderma lucidum</i> Mushroom. <i>Journal of Natural Products</i> , 2010, 73, 897-900.	1.5	94
15	A comprehensive metabolite profiling of <i>Isatis tinctoria</i> leaf extracts. <i>Phytochemistry</i> , 2009, 70, 924-934.	1.4	92
16	Ethnobotanical survey on wild alpine food plants in Lower and Central Valais (Switzerland). <i>Journal of Ethnopharmacology</i> , 2014, 151, 624-634.	2.0	91
17	Extraction and analysis of intact glucosinolates—A validated pressurized liquid extraction/liquid chromatography-mass spectrometry protocol for <i>Isatis tinctoria</i> , and qualitative analysis of other cruciferous plants. <i>Journal of Chromatography A</i> , 2007, 1166, 142-151.	1.8	90
18	Antitrypanosomal Quinoline Alkaloids from the Roots of <i>Waltheria indica</i> . <i>Journal of Natural Products</i> , 2014, 77, 2304-2311.	1.5	89

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19	Militarinone A, a Neurotrophic Pyridone Alkaloid from <i>Paecilomyces militaris</i> . <i>Organic Letters</i> , 2002, 4, 197-199.	2.4	87
20	Farinosones Aâˆ”C, Neurotrophic Alkaloidal Metabolites from the Entomogenous Deuteromycete <i>Paecilomyces farinosus</i> . <i>Journal of Natural Products</i> , 2004, 67, 1854-1858.	1.5	85
21	Anti-Inflammatory and Antiallergic Activity in vivo of Lipophilic <i>Satis tinctoria</i> Extracts and Tryptanthrin. <i>Planta Medica</i> , 2006, 72, 539-546.	0.7	85
22	Application of liquid chromatography-atmospheric pressure ionization mass spectrometry in natural product analysis evaluation and optimization of electrospray and heated nebulizer interfaces. <i>Journal of Chromatography A</i> , 1996, 755, 189-204.	1.8	84
23	Effects of solvent composition on molecular ion response in electrospray mass spectrometry: Investigation of the ionization processes. <i>Rapid Communications in Mass Spectrometry</i> , 1995, 9, 1516-1521.	0.7	82
24	Inhibitory Activity of Tryptanthrin on Prostaglandin and Leukotriene Synthesis. <i>Planta Medica</i> , 2002, 68, 875-880.	0.7	73
25	HPLC-based activity profiling of <i>Angelica pubescens</i> roots for new positive GABA _A receptor modulators in <i>Xenopus oocytes</i> . <i>FÄ–toterapÄ–Ä¢</i> , 2011, 82, 434-440.	1.1	68
26	Drug Affinity Responsive Target Stability (DARTS) Identifies Laurifolioside as a New Clathrin Heavy Chain Modulator. <i>Journal of Natural Products</i> , 2016, 79, 2681-2692.	1.5	67
27	HPLC-Based Activity Profiling: Discovery of Piperine as a Positive GABA _A Receptor Modulator Targeting a Benzodiazepine-Independent Binding Site. <i>Journal of Natural Products</i> , 2010, 73, 185-191.	1.5	64
28	Antitrypanosomal sesquiterpene lactones from <i>Saussurea costus</i> . <i>FÄ–toterapÄ–Ä¢</i> , 2011, 82, 955-959.	1.1	63
29	Ginkgo Biloba Extract Ameliorates Oxidative Phosphorylation Performance and Rescues AÎ²-Induced Failure. <i>PLoS ONE</i> , 2010, 5, e12359.	1.1	62
30	Xanthones from <i>Chironia krebssii</i> . <i>Phytochemistry</i> , 1991, 30, 3625-3629.	1.4	60
31	The content of indigo precursors in leaves ? a comparative study of selected accessions and post-harvest treatments. <i>Phytochemistry</i> , 2004, 65, 3261-3268.	1.4	60
32	Treatment of Organic Livestock with Medicinal Plants: A Systematic Review of European Ethnoveterinary Research. <i>Complementary Medicine Research</i> , 2014, 21, 375-386.	0.5	60
33	Xanthones from <i>Polygala nyikensis</i> . <i>Phytochemistry</i> , 1993, 33, 809-812.	1.4	59
34	(+)-N-Deoxymilitarinone A, a Neurotrophic Pyridone Alkaloid from the Insect Pathogenic Fungus <i>Paecilomyces farinosus</i> . <i>Journal of Natural Products</i> , 2006, 69, 436-438.	1.5	58
35	Malaria in the renaissance: Remedies from European herbals from the 16th and 17th century. <i>Journal of Ethnopharmacology</i> , 2011, 133, 278-288.	2.0	58
36	<i>Bryophyllum pinnatum</i> and Related Species Used in Anthroposophic Medicine: Constituents, Pharmacological Activities, and Clinical Efficacy. <i>Planta Medica</i> , 2016, 82, 930-941.	0.7	57

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37	Wound Healing Potential of Chlorogenic Acid and Myricetin-3-O- β -Rhamnoside Isolated from <i>Parrotia persica</i> . <i>Molecules</i> , 2017, 22, 1501.	1.7	57
38	Cynaropicrin: The First Plant Natural Product with <i>In Vivo</i> Activity against <i>Trypanosoma brucei</i> . <i>Planta Medica</i> , 2012, 78, 553-556.	0.7	56
39	Tyrosinase inhibitory constituents from a polyphenol enriched fraction of rose oil distillation wastewater. <i>FÄ-toterapÄ-Äc</i> , 2016, 108, 13-19.	1.1	55
40	Formation of Sodium Cluster Ions in Electrospray Mass Spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1996, 10, 797-800.	0.7	54
41	Efficient Modulation of β -Aminobutyric Acid Type A Receptors by Piperine Derivatives. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 5602-5619.	2.9	54
42	The Elusive Indigo Precursors in Woad (<i>Isatis tinctoria</i> L.) – Identification of the Major Indigo Precursor, Isatan A, and a Structure Revision of Isatan B. <i>Chemistry and Biodiversity</i> , 2004, 1, 174-182.	1.0	53
43	Hydrangenone, a New Isoprenoid with an Unprecedented Skeleton from <i>Salvia hydrangea</i> . <i>Organic Letters</i> , 2012, 14, 166-169.	2.4	53
44	Epilepsy in the Renaissance: A survey of remedies from 16th and 17th century German herbals. <i>Journal of Ethnopharmacology</i> , 2012, 143, 1-13.	2.0	52
45	Library-Based Discovery and Characterization of Daphnane Diterpenes as Potent and Selective HIV Inhibitors in <i>Daphne gnidium</i> . <i>Journal of Natural Products</i> , 2012, 75, 414-419.	1.5	51
46	Prevention of Experimentally Induced Irritant Contact Dermatitis by Extracts of <i>Isatis tinctoria</i> Compared to Pure Tryptanthrin and its Impact on UVB-Induced Erythema. <i>Planta Medica</i> , 2004, 70, 385-390.	0.7	50
47	Molluscicidal milliamines from <i>Euphorbia milii</i> var. <i>hislopii</i> . <i>Phytochemistry</i> , 1993, 34, 89-95.	1.4	47
48	Quantitative Determination of the Dual COX-2/5-LOX Inhibitor Tryptanthrin in <i>Isatis tinctoria</i> by ESI-LC-MS. <i>Planta Medica</i> , 2002, 68, 152-157.	0.7	47
49	Chemical Composition of the Bark of <i>Tetrapterys mucronata</i> and Identification of Acetylcholinesterase Inhibitory Constituents. <i>Journal of Natural Products</i> , 2014, 77, 650-656.	1.5	47
50	Inhibitors of Plasmodial Serine Hydroxymethyltransferase (SHMT): Cocrystal Structures of Pyrazolopyrans with Potent Blood- and Liver-Stage Activities. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 3117-3130.	2.9	46
51	Antibacterial and Hypoglycemic Diterpenoids from <i>Salvia chamaedryoides</i> . <i>Journal of Natural Products</i> , 2017, 80, 503-514.	1.5	46
52	Abietane Diterpenoids from <i>Salvia sahendica</i> – Antiprotozoal Activity and Determination of Their Absolute Configurations. <i>Planta Medica</i> , 2013, 79, 150-156.	0.7	45
53	Neurotoxic Sesquiterpenoids from the Yellow Star Thistle <i>Centaurea solstitialis</i> L. (Asteraceae). <i>Helvetica Chimica Acta</i> , 1991, 74, 117-123.	1.0	44
54	Regulation of secretases by all- <i>trans</i> -retinoic acid. <i>FEBS Journal</i> , 2009, 276, 2645-2655.	2.2	44

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55	GABAA receptor modulation by piperine and a non-TRPV1 activating derivative. <i>Biochemical Pharmacology</i> , 2013, 85, 1827-1836.	2.0	44
56	Combined Use of Extract Libraries and HPLC-Based Activity Profiling for Lead Discovery: Potential, Challenges, and Practical Considerations. <i>Planta Medica</i> , 2014, 80, 1171-1181.	0.7	44
57	Hydroxycinnamic acid esters from <i>Polygala chamaebuxus</i> . <i>Phytochemistry</i> , 1985, 24, 1793-1797.	1.4	43
58	HPLC-Based Activity Profiling of <i>Salvia miltiorrhiza</i> for MAO A and iNOS Inhibitory Activities. <i>Planta Medica</i> , 2004, 70, 909-913.	0.7	43
59	Antiplasmodial and Antitrypanosomal Activity of Tanshinone-Type Diterpenoids from <i>Salvia miltiorrhiza</i> . <i>Planta Medica</i> , 2011, 77, 1594-1596.	0.7	43
60	HPLC-based activity profiling for antiplasmodial compounds in the traditional Indonesian medicinal plant <i>Carica papaya</i> L. <i>Journal of Ethnopharmacology</i> , 2014, 155, 426-434.	2.0	43
61	Triterpenoids with Rare Carbon Skeletons from <i>Salvia hydrangea</i> : Antiprotozoal Activity and Absolute Configurations. <i>Journal of Natural Products</i> , 2011, 74, 2200-2205.	1.5	42
62	Phytochemical profiling of <i>Curcuma kwangsiensis</i> rhizome extract, and identification of labdane diterpenoids as positive GABAA receptor modulators. <i>Phytochemistry</i> , 2013, 96, 318-329.	1.4	42
63	Two New Flavonol Glycosides and a Metabolite Profile of <i>Bryophyllum pinnatum</i> , a Phytotherapeutic Used in Obstetrics and Gynaecology. <i>Planta Medica</i> , 2013, 79, 1565-1571.	0.7	42
64	Identification of TLC Markers and Quantification by HPLC-MS of Various Constituents in Noni Fruit Powder and Commercial Noni-Derived Products. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 7489-7494.	2.4	41
65	Disesquiterpene and sesquiterpene coumarins from <i>Ferula pseudalliacea</i> , and determination of their absolute configurations. <i>Phytochemistry</i> , 2012, 78, 170-178.	1.4	41
66	Pharmacokinetics of dietary kaempferol and its metabolite 4-hydroxyphenylacetic acid in rats. <i>FÄ-toterapÄ-t</i> , 2016, 115, 189-197.	1.1	39
67	Toxic inhibition of smooth muscle contractility by plant-derived sesquiterpenes caused by their chemically reactive Î±-methylenebutyrolactone functions. <i>British Journal of Pharmacology</i> , 1994, 112, 9-12.	2.7	38
68	New Steroidal Glycosides from <i>Balanites aegyptiaca</i> . <i>Helvetica Chimica Acta</i> , 2002, 85, 1019.	1.0	38
69	HPLC based activity profiling for 5-lipoxygenase inhibitory activity in <i>Isatis tinctoria</i> leaf extracts. <i>FÄ-toterapÄ-t</i> , 2005, 76, 324-332.	1.1	38
70	HPLC-Based Activity Profiling for GABA _A Receptor Modulators: A New Dihydroisocoumarin from <i>Haloxylon scoparium</i> . <i>Journal of Natural Products</i> , 2010, 73, 768-770.	1.5	37
71	Traditional Use of Herbal Remedies in Livestock by Farmers in 3 Swiss Cantons (Aargau, Zurich,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.2	37
72	Antitrypanosomal Triterpenoid with an Îµ-Lactone E-Ring from <i>Salvia urmiensis</i> . <i>Journal of Natural Products</i> , 2013, 76, 1806-1809.	1.5	37

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73	Novel Prenylated Xanthenes from <i>Garcinia gerrardii</i> HARVEY. <i>Helvetica Chimica Acta</i> , 1989, 72, 1001-1007.	1.0	36
74	Flavonol glycosides from <i>Monnina sylvatica</i> . <i>Phytochemistry</i> , 1991, 30, 3781-3784.	1.4	36
75	Total Synthesis and Neuritotropic Activity of Farinosone C and Derivatives. <i>Organic Letters</i> , 2009, 11, 3446-3449.	2.4	36
76	Renaissance remedies: Antiplasmodial protostane triterpenoids from <i>Alisma plantago-aquatica</i> L. (Alismataceae). <i>Journal of Ethnopharmacology</i> , 2011, 135, 43-47.	2.0	36
77	HPLC-based activity profiling for GABAA receptor modulators from the traditional Chinese herbal drug Kushen (<i>Sophora flavescens</i> root). <i>Molecular Diversity</i> , 2011, 15, 361-372.	2.1	36
78	Antiprotozoal Screening of 60 South African Plants, and the Identification of the Antitrypanosomal Germacranolides Schkuhrin I and II. <i>Planta Medica</i> , 2013, 79, 1380-1384.	0.7	36
79	Sesquiterpene Lactones from <i>Artemisia argyi</i> : Absolute Configuration and Immunosuppressant Activity. <i>Journal of Natural Products</i> , 2019, 82, 1424-1433.	1.5	36
80	Isoflavones and xanthenes from <i>Polygala virgata</i> . <i>Phytochemistry</i> , 1992, 31, 309-311.	1.4	35
81	Rapid analysis of nucleotide-activated sugars by high-performance liquid chromatography coupled with diode-array detection, electrospray ionization mass spectrometry and nuclear magnetic resonance. <i>Journal of Chromatography A</i> , 2004, 1034, 139-148.	1.8	35
82	Militarinone A induces differentiation in PC12 cells via MAP and Akt kinase signal transduction pathways. <i>FEBS Letters</i> , 2004, 577, 455-459.	1.3	35
83	HPLC-Based Activity Profiling Approach for the Discovery of GABAA Receptor Ligands using an Automated Two Microelectrode Voltage Clamp Assay on <i>Xenopus</i> Oocytes. <i>Planta Medica</i> , 2008, 74, 521-526.	0.7	35
84	Activities of Psilostachyin A and Cynaropicrin against <i>Trypanosoma cruzi</i> <i>In Vitro</i> and <i>In Vivo</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 5307-5314.	1.4	35
85	Ethnoveterinary herbal remedies used by farmers in four north-eastern Swiss cantons (St. Gallen, Tj ETQq1 1 0.784314 rgBT /Overloc Ethnomedicine, 2014, 10, 32.	1.1	35
86	In vitro blood-brain barrier permeability predictions for GABAA receptor modulating piperine analogs. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 103, 118-126.	2.0	35
87	Identification and Mode of Action of a Plant Natural Product Targeting Human Fungal Pathogens. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	35
88	Structure-Activity Relationship Study of Sesquiterpene Lactones and Their Semi-Synthetic Amino Derivatives as Potential Antitrypanosomal Products. <i>Molecules</i> , 2014, 19, 3523-3538.	1.7	34
89	Andrographolide-loaded nanoparticles for brain delivery: Formulation, characterisation and in vitro permeability using hCMEC/D3 cell line. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 119, 253-263.	2.0	34
90	Cyclohexanecarboxylic-Acid Derivatives from <i>Psiadia trinervia</i> . <i>Helvetica Chimica Acta</i> , 1992, 75, 269-275.	1.0	33

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91	Novel Acetogenins from the Leaves of <i>Annona purpurea</i> . <i>Helvetica Chimica Acta</i> , 1993, 76, 1379-1388.	1.0	33
92	A Simple Isolation Method for the Major Catechins in Green Tea Using High-Speed Countercurrent Chromatography. <i>Journal of Natural Products</i> , 2001, 64, 353-355.	1.5	33
93	Constituents in Evening Primrose Oil with Radical Scavenging, Cyclooxygenase, and Neutrophil Elastase Inhibitory Activities. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 5533-5538.	2.4	33
94	<i>In vitro</i> Screening of Traditional South African Malaria Remedies against <i>Trypanosoma brucei rhodesiense</i> , <i>Trypanosoma cruzi</i> , <i>Leishmania donovani</i> , and <i>Plasmodium falciparum</i> . <i>Planta Medica</i> , 2011, 77, 1663-1667.	0.7	33
95	Cynaropicrin targets the trypanothione redox system in <i>Trypanosoma brucei</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 7202-7209.	1.4	33
96	Antiprotozoal Diterpenes from <i>Perovskia abrotanoides</i> . <i>Planta Medica</i> , 2018, 84, 913-919.	0.7	33
97	Validation of UHPLC-MS/MS methods for the determination of kaempferol and its metabolite 4-hydroxyphenyl acetic acid, and application to <i>in vitro</i> blood-brain barrier and intestinal drug permeability studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 128, 264-274.	1.4	32
98	Noniosides E - H, New Trisaccharide Fatty Acid Esters from the Fruit of <i>Morinda citrifolia</i> (Noni). <i>Planta Medica</i> , 2006, 72, 1322-1327.	0.7	31
99	Positive GABA _A Receptor Modulators from <i>Acorus calamus</i> and Structural Analysis of (+)-Dioxosarcoguaiacol by 1D and 2D NMR and Molecular Modeling. <i>Journal of Natural Products</i> , 2011, 74, 1437-1443.	1.5	31
100	Flash chromatography on cartridges for the separation of plant extracts: Rules for the selection of chromatographic conditions and comparison with medium pressure liquid chromatography. <i>FÄ-toterapÄ-Äç</i> , 2011, 82, 155-161.	1.1	31
101	Tensioactive Compounds from the Aquatic Plant <i>Ranunculus fluitans</i> L. (<i>Ranunculaceae</i>). <i>Helvetica Chimica Acta</i> , 2000, 83, 1454-1464.	1.0	30
102	Occurrence of Stable Foam in the Upper Rhine River Caused by Plant-Derived Surfactants. <i>Environmental Science & Technology</i> , 2002, 36, 3250-3256.	4.6	30
103	Composition of <i>Indigo naturalis</i> . <i>Planta Medica</i> , 2009, 75, 860-863.	0.7	30
104	Profiling of isoflavonoids in <i>Iris germanica</i> rhizome extracts by microprobe NMR and HPLC-PDA-MS analysis. <i>FÄ-toterapÄ-Äç</i> , 2011, 82, 1021-1026.	1.1	30
105	New ursane triterpenoids from <i>Salvia urmiensis</i> Bunge: Absolute configuration and anti-proliferative activity. <i>FÄ-toterapÄ-Äç</i> , 2015, 106, 1-6.	1.1	30
106	Quantitative Analysis of Anti-inflammatory and Radical Scavenging Triterpenoid Esters in Evening Primrose Oil. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 3319-3324.	2.4	29
107	HPLC-profiling for antiplasmodial compounds 3-Methoxycarpachromene from <i>Pistacia atlantica</i> . <i>Phytochemistry Letters</i> , 2009, 2, 159-162.	0.6	29
108	Identification and Characterization of GABA _A Receptor Modulatory Diterpenes from <i>Biota orientalis</i> That Decrease Locomotor Activity in Mice. <i>Journal of Natural Products</i> , 2011, 74, 1764-1772.	1.5	29

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109	Library-based Discovery of DYRK1A/CLK1 Inhibitors from Natural Product Extracts. <i>Planta Medica</i> , 2012, 78, 951-956.	0.7	29
110	Validation of an immortalized human (hBMEC) in vitro blood-brain barrier model. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2095-2107.	1.9	29
111	Acetylated saponins with molluscicidal activity from <i>Sapindus rarak</i> : Unambiguous structure determination by proton nuclear magnetic resonance and quantitative analysis. <i>Phytochemical Analysis</i> , 1992, 3, 231-237.	1.2	28
112	Analysis of aspartyl peptide degradation products by high-performance liquid chromatography and high-performance liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1022, 95-102.	1.8	28
113	Quantitative Analysis of Anti-inflammatory and Radical Scavenging Triterpenoid Esters in Evening Primrose Seeds. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 6623-6628.	2.4	28
114	Manoyloxyde Sesterterpenoids from <i>Salvia mirzayanii</i> . <i>Journal of Natural Products</i> , 2014, 77, 848-854.	1.5	28
115	HPLC-Based Activity Profiling for GABA _A Receptor Modulators in Extracts: Validation of an Approach Utilizing a Larval Zebrafish Locomotor Assay. <i>Journal of Natural Products</i> , 2017, 80, 1548-1557.	1.5	28
116	Ethnoveterinary knowledge of farmers in bilingual regions of Switzerland – is there potential to extend veterinary options to reduce antimicrobial use?. <i>Journal of Ethnopharmacology</i> , 2020, 246, 112184.	2.0	28
117	Immunosuppressive Activity of <i>Artemisia argyi</i> Extract and Isolated Compounds. <i>Frontiers in Pharmacology</i> , 2020, 11, 402.	1.6	28
118	Dimeric xanthenes from <i>Garcinia livingstonei</i> . <i>Phytochemistry</i> , 1992, 31, 3589-3593.	1.4	27
119	Metabolite Profiling of the Leaves of the Brazilian Folk Medicine <i>Sideroxylon obtusifolium</i> . <i>Planta Medica</i> , 2012, 78, 703-710.	0.7	27
120	Identification of dihydrostilbenes in <i>Pholidota chinensis</i> as a new scaffold for GABA _A receptor modulators. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 1276-1284.	1.4	27
121	Anti- <i>Candida</i> Cassane-Type Diterpenoids from the Root Bark of <i>Swartzia simplex</i> . <i>Journal of Natural Products</i> , 2015, 78, 2994-3004.	1.5	27
122	Plant and natural product based homemade remedies manufactured and used by farmers of six central Swiss cantons to treat livestock. <i>Livestock Science</i> , 2016, 189, 110-125.	0.6	27
123	Antiprotozoal Activity-Based Profiling of a Dichloromethane Extract from <i>Anthemis nobilis</i> Flowers. <i>Journal of Natural Products</i> , 2017, 80, 459-470.	1.5	27
124	Gastroprotective effects of hydroethanolic root extract of <i>Arrabidaea brachypoda</i> : Evidences of cytoprotection and isolation of unusual glycosylated polyphenols. <i>Phytochemistry</i> , 2017, 135, 93-105.	1.4	27
125	A Comparative Study on the Skin Penetration of Pure Tryptanthrin and Tryptanthrin in <i>Salsola vermiculata</i> Extract by Dermal Microdialysis Coupled with Isotope Dilution ESI-LC-MS. <i>Planta Medica</i> , 2003, 69, 385-389.	0.7	26
126	hERG Channel Inhibitors in Extracts of <i>Coptidis Rhizoma</i> . <i>Planta Medica</i> , 2011, 77, 692-697.	0.7	26

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127	Screening and HPLC-Based Activity Profiling for New Antiprotozoal Leads from European Plants. <i>Scientia Pharmaceutica</i> , 2012, 80, 205-213.	0.7	26
128	Antitrypanosomal isoflavan quinones from <i>Abrus precatorius</i> . <i>FÄ-toterapÄ-Äç</i> , 2014, 93, 81-87.	1.1	26
129	Quantification of the Antiplasmodial Alkaloid Carpaine in Papaya (<i>Carica papaya</i>) Leaves. <i>Planta Medica</i> , 2014, 80, 1138-1142.	0.7	25
130	Recovery of Polyphenols from Rose Oil Distillation Wastewater Using Adsorption Resins â€“ A Pilot Study. <i>Planta Medica</i> , 2014, 80, 1657-1664.	0.7	25
131	Ethnoveterinary contemporary knowledge of farmers in pre-alpine and alpine regions of the Swiss cantons of Bern and Lucerne compared to ancient and recent literature â€“ Is there a tradition?. <i>Journal of Ethnopharmacology</i> , 2019, 234, 225-244.	2.0	25
132	Quantification of Active Principles and Pigments in Leaf Extracts of <i>Isatis tinctoria</i> by HPLC/UV/MS. <i>Planta Medica</i> , 2007, 73, 151-156.	0.7	24
133	Identification of GABA A receptor modulators in <i>Kadsura longipedunculata</i> and assignment of absolute configurations by quantum-chemical ECD calculations. <i>Phytochemistry</i> , 2011, 72, 2385-2395.	1.4	24
134	Flavone 8â€C</i>â€Glycosides from <i>Haberlea rhodopensis</i><sc>Friv</sc>. (Gesneriaceae). <i>Helvetica Chimica Acta</i> , 2011, 94, 38-45.	1.0	24
135	HPLC-based Activity Profiling - Discovery of Sanggenons as GABA_A Receptor Modulators in the Traditional Chinese Drug Sang bai pi (<i>Morus alba</i> Root Bark). <i>Planta Medica</i> , 2012, 78, 440-447.	0.7	24
136	Quantification of Bufadienolides in <i>Bryophyllum pinnatum</i> Leaves and Manufactured Products by UHPLC-ESIMS/MS. <i>Planta Medica</i> , 2015, 81, 1190-1197.	0.7	24
137	Antibacterial compounds from <i>Salvia adenophora</i> Fernald (Lamiaceae). <i>Phytochemistry</i> , 2015, 110, 120-132.	1.4	24
138	Efficacy of a <i>Juncus effusus</i> extract on grapevine and apple plants against <i>Plasmopara viticola</i> and <i>Venturia inaequalis</i>, and identification of the major active constituent. <i>Pest Management Science</i> , 2016, 72, 1718-1726.	1.7	24
139	Search for Bitter Principles in <i>Chironia</i> Species by LC-MS and Isolation of a New Secoiridoid Diglycoside from <i>Chironia krebssii</i> . <i>Journal of Natural Products</i> , 1993, 56, 682-689.	1.5	23
140	Tryptanthrin Content in <i>Isatis tinctoria</i> Leaves - A Comparative Study of Selected Strains and Post-Harvest Treatments. <i>Planta Medica</i> , 2004, 70, 642-645.	0.7	23
141	Supercritical carbon dioxide extraction of marigold at high pressures: comparison of analytical and pilot-scale extraction. <i>Phytochemical Analysis</i> , 2004, 15, 226-230.	1.2	23
142	Glucosinolate Pattern in <i>Isatis tinctoria</i> and <i>I. indigotica</i> Seeds. <i>Planta Medica</i> , 2008, 74, 885-888.	0.7	23
143	Bioactive Sesquiterpene Coumarins from <i>Ferula pseudalliacea</i> . <i>Planta Medica</i> , 2014, 80, 1118-1123.	0.7	23
144	Dehydroevodiamine and hortiamine, alkaloids from the traditional Chinese herbal drug <i>Evodia rutaecarpa</i> , are IKr blockers with proarrhythmic effects in vitro and in vivo. <i>Pharmacological Research</i> , 2018, 131, 150-163.	3.1	23

#	ARTICLE	IF	CITATIONS
145	Purified compounds from marine organism sea pen induce apoptosis in human breast cancer cell MDA-MB-231 and cervical cancer cell Hela. <i>European Journal of Pharmacology</i> , 2020, 877, 173075.	1.7	23
146	A protocol for HPLC-based activity profiling for natural products with activities against tropical parasites. <i>Natural Product Communications</i> , 2009, 4, 1377-81.	0.2	23
147	Search for chlorinated sesquiterpene lactones in the neurotoxic thistle <i>Centaurea solstitialis</i> by liquid chromatography-mass spectrometry, and model studies on their possible artifactual formation. <i>Natural Toxins</i> , 1993, 1, 315-327.	1.0	22
148	Antiplasmodial and Antitrypanosomal Activity of Pyrethrins and Pyrethroids. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 9172-9176.	2.4	22
149	Antiprotozoal Isoflavan Quinones from <i>Abrus precatorius</i> ssp. <i>africanus</i> . <i>Planta Medica</i> , 2013, 79, 492-498.	0.7	22
150	Antitrypanosomal structure-activity-relationship study of synthetic cynaropicrin derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 794-798.	1.0	22
151	Dammarane-type saponins from leaves of <i>Ziziphus spina-christi</i> . <i>Phytochemistry</i> , 2017, 138, 134-144.	1.4	22
152	Anti-proliferative activity-guided isolation of clerodermic acid from <i>Salvia nemorosa</i> L.: Genotoxicity and hypoxia-mediated mechanism of action. <i>Food and Chemical Toxicology</i> , 2018, 120, 155-163.	1.8	22
153	Thyroid Hormones Are Transport Substrates and Transcriptional Regulators of Organic Anion Transporting Polypeptide 2B1. <i>Molecular Pharmacology</i> , 2018, 94, 700-712.	1.0	22
154	Bicyclononane Aldehydes and Antiproliferative Constituents from <i>Amomum tsao-ko</i> . <i>Planta Medica</i> , 2009, 75, 543-546.	0.7	21
155	Gram-scale purification of dehydroevodiamine from <i>Evodia rutaecarpa</i> fruits, and a procedure for selective removal of quaternary indoloquinazoline alkaloids from <i>Evodia</i> extracts. <i>Phytochemistry</i> , 2014, 94, 127-133.	1.1	21
156	Antileishmanial activity of 12-methoxycarnosic acid from <i>Salvia repens</i> Burch. ex Benth. (Lamiaceae). <i>South African Journal of Botany</i> , 2014, 90, 93-95.	1.2	21
157	Bitter Taste Impact and Thermal Conversion of a Naringenin Glycoside from <i>Cyclopia genistoides</i> . <i>Journal of Natural Products</i> , 2018, 81, 2743-2749.	1.5	21
158	Phytochemical Study of <i>Salvia leriifolia</i> Roots: Rearranged Abietane Diterpenoids with Antiprotozoal Activity. <i>Journal of Natural Products</i> , 2018, 81, 1384-1390.	1.5	21
159	An antifungal triterpenoid from <i>mollugo pentaphylla</i> . <i>Phytochemistry</i> , 1989, 28, 1767-1768.	1.4	20
160	Efficient method for preparation of highly purified lipopolysaccharides by hydrophobic interaction chromatography. <i>Biomedical Applications</i> , 1999, 732, 39-46.	1.7	20
161	Separation and detection of all phosphoinositide isomers by ESI-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 552-558.	1.4	20
162	Identification of dehydroabietic acid from <i>Boswellia thurifera</i> resin as a positive GABAA receptor modulator. <i>Phytochemistry</i> , 2014, 99, 28-34.	1.1	20

#	ARTICLE	IF	CITATIONS
163	Labdane Diterpenoids from <i>Salvia leriifolia</i> : Absolute Configuration, Antimicrobial and Cytotoxic Activities. <i>Planta Medica</i> , 2016, 82, 1279-1285.	0.7	20
164	Antistaphylococcal Prenylated Acylphoroglucinol and Xanthones from <i>Kielmeyera variabilis</i> . <i>Journal of Natural Products</i> , 2016, 79, 470-476.	1.5	20
165	HPLC-based bioactivity profiling of plant extracts: a kinetic assay for the identification of monoamine oxidase-A inhibitors using human recombinant monoamine oxidase-A. <i>Phytochemistry</i> , 2004, 65, 2885-2891.	1.4	19
166	Anti-arthritis activity of a lipophilic woad (<i>Isatis tinctoria</i>) extract. <i>Planta Medica</i> , 2006, 72, 715-720.	0.7	19
167	Promotion of cell death or neurite outgrowth in PC-12 and N2a cells by the fungal alkaloid militarinone A depends on basal expression of p53. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2008, 13, 364-376.	2.2	19
168	Seasonal Changes and Effect of Harvest on Glucosinolates in <i>Isatis</i> leaves. <i>Planta Medica</i> , 2008, 74, 582-587.	0.7	19
169	hERG Channel Inhibitory Daphnane Diterpenoid Orthoesters and Polycephalones A and B with Unprecedented Skeletons from <i>Gnidia polycephala</i> . <i>Journal of Natural Products</i> , 2015, 78, 1697-1707.	1.5	19
170	Saffron Flower Extract Promotes Scratch Wound Closure of Keratinocytes and Enhances VEGF Production. <i>Planta Medica</i> , 2017, 83, 1176-1183.	0.7	19
171	Lignans, Amides, and Saponins from <i>Haplophyllum tuberculatum</i> and Their Antiprotozoal Activity. <i>Molecules</i> , 2020, 25, 2825.	1.7	19
172	Antitrypanosomal Isothiocyanate and Thiocarbamate Glycosides from <i>Moringa peregrina</i> . <i>Planta Medica</i> , 2014, 80, 86-89.	0.7	18
173	Natural Products as Potential Human Ether-A-Go-Go-Related Gene Channel Inhibitors – Screening of Plant-Derived Alkaloids. <i>Planta Medica</i> , 2014, 80, 740-746.	0.7	18
174	Seco-ursane-type Triterpenoids from <i>Salvia urmiensis</i> with Apoptosis-inducing Activity. <i>Planta Medica</i> , 2015, 81, 1290-1295.	0.7	18
175	Metabolite profiling for caffeic acid oligomers in <i>Satureja biflora</i> . <i>Industrial Crops and Products</i> , 2015, 76, 892-899.	2.5	18
176	Plant Anticancer Agents, XLIII. (E,E)-7,12-Dioxo-octadeca-8,10-dien-1-oic Acid (Ostopanic Acid), a Cytotoxic Fatty Acid from <i>Ostodes paniculata</i> . <i>Journal of Natural Products</i> , 1987, 50, 281-283.	1.5	17
177	Molluscicidal Saponins from the Pericarp of <i>Sapindus Saponaria</i> . <i>International Journal of Pharmacognosy</i> , 1995, 33, 177-180.	0.2	17
178	HPLC-Based Activity Profiling for GABA _A Receptor Modulators in <i>Adenocarpus cinnicatus</i> . <i>Journal of Natural Products</i> , 2014, 77, 640-649.	1.5	17
179	Labdane and Clerodane Diterpenoids from <i>Colophospermum mopane</i> . <i>Journal of Natural Products</i> , 2015, 78, 2494-2504.	1.5	17
180	Antiprotozoal Isoprenoids from <i>Salvia hydrangea</i> . <i>Journal of Natural Products</i> , 2018, 81, 2682-2691.	1.5	17

#	ARTICLE	IF	CITATIONS
181	Boswellia carteri extract and 3-O-acetyl-alpha-boswellic acid suppress T cell function. <i>FAJ-toterap</i> , 2020, 146, 104694.	1.1	17
182	4-(Difluoromethyl)-5-(4-((3 <i>R</i>),5 <i>S</i>)-3,5-dimethylmorpholino)-6-((<i>R</i>)-3-methylmorpholino)-1,3,5-triazin-2-yl)pyridin-2-amine (PQR626), a Potent, Orally Available, and Brain-Penetrant mTOR Inhibitor for the Treatment of Neurological Disorders. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 13595-13617.	2.9	17
183	Identification of a novel di-C-glycosyl dihydrochalcone and the thermal stability of polyphenols in model ready-to-drink beverage solutions with <i>Cyclopia subternata</i> extract as functional ingredient. <i>Food Chemistry</i> , 2021, 351, 129273.	4.2	17
184	Analytical aspects of drugs of natural origin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1989, 7, 1337-1349.	1.4	16
185	Pharmacokinetics and In Vitro Blood-Brain Barrier Screening of the Plant-Derived Alkaloid Tryptanthrin. <i>Planta Medica</i> , 2016, 82, 1021-1029.	0.7	16
186	A New Pyranocoumarin Diester from <i>Polygala paniculata</i> L. <i>Helvetica Chimica Acta</i> , 1984, 67, 1729-1733.	1.0	15
187	Radical Scavengers from the Entomogenous Deuteromycete <i>Beauveria amorphosa</i> . <i>Planta Medica</i> , 2002, 68, 64-65.	0.7	15
188	Phyteumosides A and B: New Saponins with Unique Triterpenoid Aglycons from <i>Phyteuma orbiculare</i> L.. <i>Organic Letters</i> , 2011, 13, 1354-1357.	2.4	15
189	Pharmacokinetics of Valerenic Acid in Rats after Intravenous and Oral Administrations. <i>Planta Medica</i> , 2012, 78, 575-581.	0.7	15
190	Bisabololoxide derivatives from <i>Artemisia persica</i> , and determination of their absolute configurations by ECD. <i>Phytochemistry</i> , 2013, 85, 143-152.	1.4	15
191	Identification of Plant-derived Alkaloids with Therapeutic Potential for Myotonic Dystrophy Type I. <i>Journal of Biological Chemistry</i> , 2016, 291, 17165-17177.	1.6	15
192	Securigenin glycosides as hypoglycemic principles of <i>Securigera securidaca</i> seeds. <i>Journal of Natural Medicines</i> , 2017, 71, 272-280.	1.1	15
193	Efficacy of a <i>Magnolia officinalis</i> bark extract against grapevine downy mildew and apple scab under controlled and field conditions. <i>Crop Protection</i> , 2018, 114, 97-105.	1.0	15
194	Phenolic Constituents of <i>Salvia lavandulifolia</i> ssp. <i>Lavandulifolia</i> . <i>Planta Medica</i> , 1989, 55, 92-92.	0.7	14
195	Search for New Drugs of Plant Origin. <i>Advances in Drug Research</i> , 1991, 20, 167-215.	0.8	14
196	Irigermanone, a Noriridal with Unprecedented Methylketone Function, from <i>Iris germanica</i> . <i>Helvetica Chimica Acta</i> , 2014, 97, 32-38.	1.0	14
197	A nor-diterpene from <i>Salvia sahendica</i> leaves. <i>Natural Product Research</i> , 2017, 31, 1758-1765.	1.0	14
198	HPLC-Based Activity Profiling for Antiprotozoal Compounds in the Endemic Iranian Medicinal Plant <i>Helichrysum ocephalum</i> . <i>Journal of Natural Products</i> , 2019, 82, 958-969.	1.5	14

#	ARTICLE	IF	CITATIONS
199	Antibacterial and ATP Synthesis Modulating Compounds from <i>Salvia tingitana</i> . Journal of Natural Products, 2020, 83, 1027-1042.	1.5	14
200	¹ H- and ¹³ C-NMR Spectroscopic Studies of Selected Quassinoids. Planta Medica, 1988, 54, 352-355.	0.7	13
201	Are Extraction Methods in Quantitative Assays of Pharmacopoeia Monographs Exhaustive? A Comparison with Pressurized Liquid Extraction. Planta Medica, 2006, 72, 1157-1162.	0.7	13
202	Comment on Comparison of Protective Effects between Cultured <i>Cordyceps militaris</i> and Natural <i>Cordyceps sinensis</i> against Oxidative Damage. Journal of Agricultural and Food Chemistry, 2007, 55, 7213-7214.	2.4	13
203	A Protocol for HPLC-based Activity Profiling for Natural Products with Activities against Tropical Parasites. Natural Product Communications, 2009, 4, 1934578X0900401.	0.2	13
204	Natural Products as Potential Human Ether-a-Go-Go-Related Gene Channel Inhibitors – Outcomes from a Screening of Widely Used Herbal Medicines and Edible Plants. Planta Medica, 2014, 80, 1045-1050.	0.7	13
205	Comprehensive analysis of <i>Cirsium spinosissimum</i> Scop., a wild alpine food plant. Food Chemistry, 2014, 160, 165-170.	4.2	13
206	HPLC-Based Activity Profiling for Antiprotozoal Compounds in <i>Croton gratissimus</i> and <i>Cuscuta hyalina</i> . Frontiers in Pharmacology, 2020, 11, 1246.	1.6	13
207	Antifungal Biphenyls from <i>Monnina sylvatica</i> . Planta Medica, 1991, 57, 192-193.	0.7	12
208	Biphenyls and a xanthone from <i>monnina sylvatica</i> . Phytochemistry, 1992, 31, 3203-3205.	1.4	12
209	Sinapic acid esters from <i>Polygala virgata</i> . Phytochemistry, 1993, 32, 741-745.	1.4	12
210	Discovery of GABA _A Receptor Modulator Aristolactone in a Commercial Sample of the Chinese Herbal Drug <i>Chaihu</i> (<i>Bupleurum chinense</i> Roots) Unravels Adulteration by Nephrotoxic <i>Aristolochia manshuriensis</i> Roots. Planta Medica, 2012, 78, 207-210.	0.7	12
211	Potential of <i>Bryophyllum pinnatum</i> as a Detrusor Relaxant: An in Vitro Exploratory Study. Planta Medica, 2017, 83, 1274-1280.	0.7	12
212	HPLC-based activity profiling for pharmacologically and toxicologically relevant natural products – principles and recent examples. Pharmaceutical Biology, 2019, 57, 328-334.	1.3	12
213	Mining Sudanese Medicinal Plants for Antiprotozoal Agents. Frontiers in Pharmacology, 2020, 11, 865.	1.6	12
214	Telemetry as a Tool to Measure Sedative Effects of a Valerian Root Extract and Its Single Constituents in Mice. Planta Medica, 2011, 77, 795-803.	0.7	11
215	Development and full validation of an UPLC-MS/MS method for the determination of an anti-allergic indolinone derivative in rat plasma, and application to a preliminary pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 902, 27-34.	1.2	11
216	NMR-Based Metabolomic Study on <i>Isatis tinctoria</i> : Comparison of Different Accessions, Harvesting Dates, and the Effect of Repeated Harvesting. Journal of Natural Products, 2015, 78, 977-986.	1.5	11

#	ARTICLE	IF	CITATIONS
217	A Bufadienolide-Enriched Fraction of <i>Bryophyllum pinnatum</i> Inhibits Human Myometrial Contractility In Vitro. <i>Planta Medica</i> , 2019, 85, 385-393.	0.7	11
218	Combining Activity Profiling with Advanced Annotation to Accelerate the Discovery of Natural Products Targeting Oncogenic Signaling in Melanoma. <i>Journal of Natural Products</i> , 2022, 85, 1540-1554.	1.5	11
219	A simple method for preparation of d-rhamnose. <i>Carbohydrate Research</i> , 2003, 338, 109-112.	1.1	10
220	Oleanane Saponins and Glycerogalactolipids from the Leaves of <i>Guapira graciliflora</i> . <i>Helvetica Chimica Acta</i> , 2010, 93, 1058-1066.	1.0	10
221	Comprehensive analysis of <i>Phyteuma orbiculare</i> L., a wild Alpine food plant. <i>Food Chemistry</i> , 2013, 136, 595-603.	4.2	10
222	Isolation and Fast Selective Determination of Nor-abietanoid Diterpenoids from <i>Perovskia atriplicifolia</i> Roots Using LC-ESI-MS/MS with Multiple Reaction Monitoring. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.2	10
223	Compounds from <i>Toddalia asiatica</i> : Immunosuppressant Activity and Absolute Configurations. <i>Journal of Natural Products</i> , 2020, 83, 3012-3020.	1.5	10
224	Honeybush Extracts (<i>Cyclopia</i> spp.) Rescue Mitochondrial Functions and Bioenergetics against Oxidative Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	1.9	10
225	Immunosuppressant flavonoids from <i>Scutellaria baicalensis</i> . <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112326.	2.5	10
226	High-Content Screening Pipeline for Natural Products Targeting Oncogenic Signaling in Melanoma. <i>Journal of Natural Products</i> , 2022, , .	1.5	10
227	Effects of <i>Leuzea carthamoides</i> on Human Breast Adenocarcinoma MCF-7 Cells Determined by Gene Expression Profiling and Functional Assays. <i>Planta Medica</i> , 2008, 74, 1701-1708.	0.7	9
228	Development and validation of a LC-MS/MS method for assessment of an anti-inflammatory indolinone derivative by in vitro blood-brain barrier models. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 98, 235-246.	1.4	9
229	Screening of Panamanian Plant Extracts for Pesticidal Properties, and HPLC-Based Identification of Active Compounds. <i>Scientia Pharmaceutica</i> , 2015, 83, 353-367.	0.7	9
230	Eudesmane Sesquiterpenes from <i>Verbesina lanata</i> with Inhibitory Activity against Grapevine Downy Mildew. <i>Journal of Natural Products</i> , 2017, 80, 3296-3304.	1.5	9
231	Secondary Metabolites in Allergic Plant Pollen Samples Modulate Afferent Neurons and Murine Tracheal Rings. <i>Journal of Natural Products</i> , 2017, 80, 2953-2961.	1.5	9
232	Automated Comparative Metabolite Profiling of Large LC-ESIMS Data Sets in an ACD/MS Workbook Suite Add-in, and Data Clustering on a New Open-Source Web Platform FreeClust. <i>Analytical Chemistry</i> , 2017, 89, 12682-12689.	3.2	9
233	GABAA receptor activity modulating piperine analogs: In vitro metabolic stability, metabolite identification, CYP450 reaction phenotyping, and protein binding. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1072, 379-389.	1.2	9
234	Antiprotozoal activity of diterpenoids isolated from <i>Zhumeria majdae</i> - absolute configuration by circular dichroism. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020, 28, 455-462.	0.9	9

#	ARTICLE	IF	CITATIONS
235	HPLC Analysis of Montanoa Species for Pharmacologically Active Constituents. <i>Planta Medica</i> , 1989, 55, 185-187.	0.7	8
236	Mechanism of Chemical Degradation and Determination of Solubility by Kinetic Modeling of the Highly Unstable Sesquiterpene Lactone Nobilin in Different Media. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 3139-3152.	1.6	8
237	Screening of Panamanian Plants for Cosmetic Properties, and HPLC-Based Identification of Constituents with Antioxidant and UV-B Protecting Activities. <i>Scientia Pharmaceutica</i> , 2015, 83, 177-190.	0.7	8
238	Bryophyllum pinnatum Compounds Inhibit Oxytocin-Induced Signaling Pathways in Human Myometrial Cells. <i>Frontiers in Pharmacology</i> , 2021, 12, 632986.	1.6	8
239	Phylobioactive hotspots in plant resources used to treat Chagas disease. <i>IScience</i> , 2021, 24, 102310.	1.9	8
240	Identification of two new phenanthrenones and a saponin as antiprotozoal constituents of <i>Drypetes gerrardii</i> . <i>Phytochemistry Letters</i> , 2014, 10, cxxxiii-cxl.	0.6	7
241	<i>Bryophyllum pinnatum</i> – Reverse Engineering of an Anthroposophic Herbal Medicine. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701200.	0.2	7
242	A FLIPR Assay for Discovery of GABA _A Receptor Modulators of Natural Origin. <i>Planta Medica</i> , 2019, 85, 925-933.	0.7	7
243	Antiprotozoal Germacranolide Sesquiterpene Lactones from <i>Tanacetum sonbolii</i> . <i>Planta Medica</i> , 2019, 85, 424-430.	0.7	7
244	Design, Synthesis, and Characterization of a Paclitaxel Formulation Activated by Extracellular MMP9. <i>Bioconjugate Chemistry</i> , 2020, 31, 781-793.	1.8	7
245	Structure-Elucidating Total Synthesis of the (Polyenyl)tetramic Acid Militarinone C. <i>Organic Letters</i> , 2020, 22, 2559-2563.	2.4	7
246	Single dose pharmacokinetics of intravenous 3,4-dihydroxyphenylacetic acid and 3-hydroxyphenylacetic acid in rats. <i>FÄ-toterapÄ-Äç</i> , 2020, 142, 104526.	1.1	7
247	Medicinal Plants for the Treatment of Mental Diseases in Pregnancy: An In Vitro Safety Assessment. <i>Planta Medica</i> , 2022, 88, 1036-1046.	0.7	7
248	Anti-trypanosomal cadinanes synthesized by transannular cyclization of the natural sesquiterpene lactone nobilin. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 1521-1529.	1.4	6
249	A multicomponent herbal feed additive improves somatic cell counts in dairy cows – a two stage, multicentre, placebo-controlled long-term on-farm trial. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 439-452.	1.0	6
250	Second-generation tricyclic pyrimido-pyrrolo-oxazine mTOR inhibitor with predicted blood-brain barrier permeability. <i>RSC Medicinal Chemistry</i> , 2021, 12, 579-583.	1.7	6
251	Chemical constituents and cytotoxic activity of <i>Stachys pilifera</i> Benth.. <i>South African Journal of Botany</i> , 2021, 139, 226-229.	1.2	6
252	Case Study of the Swiss Flora for Prior Phytochemical and Biological Investigations. <i>Journal of Natural Products</i> , 2013, 76, 209-215.	1.5	5

#	ARTICLE	IF	CITATIONS
253	HPLC-Based Activity Profiling for hERG Channel Inhibitors in the South African Medicinal Plant <i>Galenia africana</i> . <i>Planta Medica</i> , 2015, 81, 1154-1162.	0.7	5
254	Caco-2 Permeability Studies and In Vitro hERG Liability Assessment of Tryptanthrin and Indolinone. <i>Planta Medica</i> , 2016, 82, 1192-1201.	0.7	5
255	Unusual derivatives from <i>Hypericum scabrum</i> . <i>Scientific Reports</i> , 2020, 10, 22181.	1.6	5
256	Pheophorbide a identified in an <i>Eupatorium perfoliatum</i> extract is a novel lymphatic vascular activator. <i>Biomedicine and Pharmacotherapy</i> , 2022, 147, 112664.	2.5	5
257	Placental Passage of Protopine in an Ex Vivo Human Perfusion System. <i>Planta Medica</i> , 2023, 89, 194-207.	0.7	5
258	Molluscicidal Saponins from <i>Guaicum officinale</i> (Zygophyllaceae). <i>International Journal of Pharmacognosy</i> , 1996, 34, 81-86.	0.2	4
259	HPLC Based Activity Profiling for Inhibitors of Human Neutrophil Elastase in <i>Isatis tinctoria</i> Leaf Extracts. <i>Natural Product Communications</i> , 2006, 1, 1934578X0600101.	0.2	4
260	Anti-Inflammatory and Antiallergic Activity in vivo of Lipophilic <i>Isatis tinctoria</i> Extracts and Tryptanthrin. <i>Planta Medica</i> , 2006, 72, 670-670.	0.7	4
261	Albert Hofmann (1906–2008) – an Obituary. <i>Planta Medica</i> , 2008, 74, 791-793.	0.7	4
262	Molecular mechanisms of endocrine and metabolic disruption: An in silico study on antitrypanosomal natural products and some derivatives. <i>Toxicology Letters</i> , 2016, 252, 29-41.	0.4	4
263	New Acylated Flavonol Glycosides and a Phenolic Profile of <i>Pritzelago alpina</i> , a Forgotten Edible Alpine Plant. <i>Chemistry and Biodiversity</i> , 2016, 13, 188-197.	1.0	4
264	HPLC-Based Activity Profiling for GABAA Receptor Modulators in <i>Searsia pyroides</i> Using a Larval Zebrafish Locomotor Assay. <i>Planta Medica</i> , 2017, 83, 1169-1175.	0.7	4
265	Comprehensive off-line CCC – LC-MS separation of <i>Cyclopia pubescens</i> Eckl. & Zeyh. phenolic compounds and structural elucidation of isolated compounds. <i>Phytochemical Analysis</i> , 2021, 32, 347-361.	1.2	4
266	Glycosidic Constituents of some European <i>Polygala</i> Species. <i>Journal of Natural Products</i> , 1986, 49, 557-557.	1.5	3
267	Development and full validation of an UPLC-MS/MS method for the quantification of the plant-derived alkaloid indirubin in rat plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 128, 247-252.	1.4	3
268	Metabolite Profile and Antiproliferative Effects in HaCaT Cells of a <i>Salix reticulata</i> Extract. <i>Planta Medica</i> , 2017, 83, 1149-1158.	0.7	3
269	The Dual Edema-Preventing Molecular Mechanism of the <i>Crataegus</i> Extract WS 1442 Can Be Assigned to Distinct Phytochemical Fractions. <i>Planta Medica</i> , 2017, 83, 701-709.	0.7	3
270	Terpenoids and phenolics of <i>Micromeria persica</i> . <i>Natural Product Research</i> , 2020, 34, 2913-2918.	1.0	3

#	ARTICLE	IF	CITATIONS
271	Effects of a Multicomponent Herbal Extract on the Course of Subclinical Ketosis in Dairy Cows – a Blinded Placebo-controlled Field-study. <i>Planta Medica</i> , 2020, 86, 1375-1388.	0.7	3
272	What can we learn from past and recent Bavarian knowledge for the future development of European veterinary herbal medicine? An ethnoveterinary study. <i>Journal of Ethnopharmacology</i> , 2022, 288, 114933.	2.0	3
273	Ingadosides A-C, acacic acid-type saponins from <i>Inga sapindoides</i> with potent inhibitory activity against downy mildew. <i>Phytochemistry</i> , 2022, 199, 113183.	1.4	3
274	Unravelling the Potential of Natural Products – Biological Profiling of Extracts and New Molecules. <i>Chimia</i> , 2006, 60, 14-18.	0.3	2
275	A New Secoiridoid Glucoside, and a Metabolite Profile of <i>Scabiosa lucida</i> . <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.2	2
276	Placental Passage of Humulone and Protopine in an Ex Vivo Human Perfusion System. <i>Planta Medica</i> , 2021, 87, 1192-1205.	0.7	2
277	New Coumarin-Hemiterpene Ether Glucosides and a Structurally Related Phenylpropanoic Acid Derivative from <i>Artemisia Armeniaca</i> . <i>Natural Product Communications</i> , 2010, 5, 1934578X1000501.	0.2	1
278	Chemical Constituents From the Ethyl Acetate Extract of <i>Salvia hydrangea</i> . <i>Natural Product Communications</i> , 2019, 14, 1934578X1984885.	0.2	1
279	Saponins from Saffron Corms Inhibit the Gene Expression and Secretion of Pro-Inflammatory Cytokines. <i>Journal of Natural Products</i> , 2021, 84, 630-645.	1.5	1
280	New approaches in analyzing the pharmacological properties of herbal extracts. <i>Proceedings of the Western Pharmacology Society</i> , 2007, 50, 156-61.	0.1	1
281	70th Birthday of Prof. Dr. rer. nat. Dr. h.c. Adolf Nahrstedt. <i>Planta Medica</i> , 2010, 76, 1387-1388.	0.7	0
282	Editorial – <i>Planta Medica</i> Abstract Issue. <i>Planta Medica</i> , 2014, 80, 353-353.	0.7	0
283	Special Issue in Honor of Professor Otto Sticher. <i>Journal of Natural Products</i> , 2014, 77, 439-440.	1.5	0
284	Acid-Induced Rearrangement of Epoxygermacranolides: Synthesis of Furanoheliangolides and Cadinanes from Nobilin. <i>Molecules</i> , 2017, 22, 2252.	1.7	0
285	Highlights of Analytical Sciences in Switzerland. <i>Chimia</i> , 2019, 73, 206-206.	0.3	0
286	HPLC-Based Activity Profiling for GABA _A Receptor Modulators in <i>Murraya exotica</i> . <i>Natural Product Communications</i> , 2019, 14, 1934578X1901400.	0.2	0
287	Development of a solid-supported cysteinyl probe for the isolation of electrophiles from plant pollen extracts. <i>Talanta</i> , 2021, 228, 122216.	2.9	0
288	Anti-Inflammatory and Neurotrophic Alkaloids from Higher Plants and Fungi. , 2007, , 206-222.		0

#	ARTICLE	IF	CITATIONS
289	Sesquiterpene Lactones with Astrodaucane Skeleton from <i>Astrodaucus orientalis</i> . <i>Planta Medica</i> , 2022, 0, .	0.7	0
290	Clerodane Diterpenes from <i>Casearia corymbosa</i> as Allosteric GABA _A Receptor Modulators. <i>Journal of Natural Products</i> , 2022, , .	1.5	0