Rudolf Bauer

List of Publications by Year in descending order

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251 papers

12,854 citations

53 h-index 101 g-index

271 all docs

271 docs citations

times ranked

271

14482 citing authors

#	Article	IF	CITATIONS
1	Natural products in drug discovery: advances and opportunities. Nature Reviews Drug Discovery, 2021, 20, 200-216.	21.5	1,990
2	Discovery and resupply of pharmacologically active plant-derived natural products: A review. Biotechnology Advances, 2015, 33, 1582-1614.	6.0	1,871
3	Natural product agonists of peroxisome proliferator-activated receptor gamma (PPARÎ 3): a review. Biochemical Pharmacology, 2014, 92, 73-89.	2.0	492
4	The microbiome of medicinal plants: diversity and importance for plant growth, quality and health. Frontiers in Microbiology, 2013, 4, 400.	1.5	224
5	An Evaluation of Echinacea angustifoliain Experimental Rhinovirus Infections. New England Journal of Medicine, 2005, 353, 341-348.	13.9	212
6	Echinacea for preventing and treating the common cold. The Cochrane Library, 2014, 2014, CD000530.	1.5	163
7	Phytochemical composition and in vitro pharmacological activity of two rose hip (Rosa canina L.) preparations. Phytomedicine, 2008, 15, 826-835.	2.3	153
8	The quest for modernisation of traditional Chinese medicine. BMC Complementary and Alternative Medicine, 2013, 13, 132.	3.7	145
9	Effects of bacterial inoculants on the indigenous microbiome and secondary metabolites of chamomile plants. Frontiers in Microbiology, 2014, 5, 64.	1.5	123
10	In VitroInhibition of Cyclooxygenase and 5-Lipoxygenase by Alkamides fromEchinaceaandAchilleaSpecies. Planta Medica, 1994, 60, 37-40.	0.7	119
11	Constituents of Chinese Piper species and their inhibitory activity on prostaglandin and leukotriene biosynthesis in vitro. Journal of Ethnopharmacology, 2001, 75, 133-139.	2.0	119
12	mRNA expression profiles for the response of human tumor cell lines to the antimalarial drugs artesunate, arteether, and artemether. Biochemical Pharmacology, 2002, 64, 617-623.	2.0	115
13	Phytochemistry and pharmacogenomics of natural products derived from traditional chinese medicine and chinese materia medica with activity against tumor cells. Molecular Cancer Therapeutics, 2008, 7, 152-161.	1.9	115
14	Echinacea for preventing and treating the common cold. , 2006, , CD000530.		107
15	Alkamides from the roots of Echinacea purpurea. Phytochemistry, 1988, 27, 2339-2342.	1.4	106
16	Alkylamides of Echinacea purpurea stimulate alveolar macrophage function in normal rats. International Immunopharmacology, 2002, 2, 381-387.	1.7	104
17	The Role of Alkamides as an Active Principle of <i>Echinacea</i> . Planta Medica, 2007, 73, 615-623.	0.7	102
18	Efficacy of a standardized echinacea preparation (EchinilinTM) for the treatment of the common cold: a randomized, double-blind, placebo-controlled trial. Journal of Clinical Pharmacy and Therapeutics, 2004, 29, 75-83.	0.7	101

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19	Anti-inflammatory activity of two different extracts of Uncaria tomentosa (Rubiaceae). Journal of Ethnopharmacology, 2002, 81, 271-276.	2.0	99
20	Alkamides from the roots of Echinacea angustifolia. Phytochemistry, 1989, 28, 505-508.	1.4	98
21	5-Lipoxygenase and Cyclooxygenase-1 Inhibitory Active Compounds fromAtractylodes lancea. Journal of Natural Products, 1998, 61, 347-350.	1.5	98
22	Quality Criteria and Standardization of Phytopharmaceuticals: Can Acceptable Drug Standards Be Achieved?. Drug Information Journal, 1998, 32, 101-110.	0.5	94
23	Molecular modes of action of cantharidin in tumor cells. Biochemical Pharmacology, 2005, 69, 811-818.	2.0	94
24	Echinacea stimulates macrophage function in the lung and spleen of normal rats. Journal of Nutritional Biochemistry, 2002, 13, 487-492.	1.9	91
25	The Endocannabinoid System as a Target for Alkamides fromEchinacea angustifoliaRoots. Planta Medica, 2005, 71, 701-705.	0.7	88
26	Further Phenols and Polyacetylenes from the Rhizomes of Atractylodes lancea and their Anti-Inflammatory Activity1. Planta Medica, 2001, 67, 437-442.	0.7	85
27	Petasites hybridusExtractsin vitroInhibit COX-2 and PGE2Release by Direct Interaction with the Enzyme and by Preventing p42/44 MAP Kinase Activation in Rat Primary Microglial Cells. Planta Medica, 2005, 71, 12-19.	0.7	84
28	Effect of artemisinins and other endoperoxides on nitric oxide-related signaling pathway in RAW 264.7 mouse macrophage cells. Nitric Oxide - Biology and Chemistry, 2008, 19, 184-191.	1.2	84
29	Echinacea for Preventing and Treating the Common Cold. Planta Medica, 2008, 74, 633-637.	0.7	84
30	Naphthoquinones from <i>Onosma paniculata</i> Induce Cell-Cycle Arrest and Apoptosis in Melanoma Cells. Journal of Natural Products, 2012, 75, 865-869.	1.5	83
31	Anti-inflammatory 5-(11′Z-heptadecenyl)- and 5-(8′Z,11′Z-heptadecadienyl)-resorcinols from mango (Mangifera indica L.) peels. Phytochemistry, 2008, 69, 988-993.	1.4	82
32	Assessment of anti-protozoal activity of plants traditionally used in Ecuador in the treatment of leishmaniasis. Journal of Ethnopharmacology, 2010, 128, 184-197.	2.0	81
33	Botanical drugs and supplements affecting the immune response in the time of <scp>COVID</scp> â€19: Implications for research and clinical practice. Phytotherapy Research, 2021, 35, 3013-3031.	2.8	81
34	Molecular biology of cantharidin in cancer cells. Chinese Medicine, 2007, 2, 8.	1.6	79
35	Liver Enzyme Elevations in Patients Treated With Traditional Chinese Medicine. JAMA - Journal of the American Medical Association, 1999, 282, 28-29.	3.8	78
36	The relevance of pharmacognosy in pharmacological research on herbal medicinal products. Epilepsy and Behavior, 2015, 52, 344-362.	0.9	76

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37	Qualitative and quantitative analysis of aconitine-type and lipo-alkaloids of Aconitum carmichaelii roots. Journal of Chromatography A, 2009, 1216, 2079-2086.	1.8	73
38	Shikonin and its derivatives inhibit the epidermal growth factor receptor signaling and synergistically kill glioblastoma cells in combination with erlotinib. International Journal of Cancer, 2015, 137, 1446-1456.	2.3	73
39	Challenges at the Time of COVID-19: Opportunities and Innovations in Antivirals from Nature. Planta Medica, 2020, 86, 659-664.	0.7	72
40	Traditional Chinese medicine research in the post-genomic era: Good practice, priorities, challenges and opportunities. Journal of Ethnopharmacology, 2012, 140, 458-468.	2.0	71
41	Chamazulene Carboxylic Acid and Matricin:Â A Natural Profen and Its Natural Prodrug, Identified through Similarity to Synthetic Drug Substances. Journal of Natural Products, 2006, 69, 1041-1045.	1.5	70
42	Inhibition of c-MYC with involvement of ERK/JNK/MAPK and AKT pathways as a novel mechanism for shikonin and its derivatives in killing leukemia cells. Oncotarget, 2015, 6, 38934-38951.	0.8	70
43	Enzymatic Degradation of Cichoric Acid inEchinacea purpureaPreparations⊥. Journal of Natural Products, 2000, 63, 1615-1618.	1.5	67
44	Ursolic acid from the Chinese herb Danshen (Salvia miltiorrhiza L.) upregulates eNOS and downregulates Nox4 expression in human endothelial cells. Atherosclerosis, 2007, 195, e104-e111.	0.4	67
45	Flavonolignans from Avena sativa. Journal of Natural Products, 2005, 68, 289-292.	1.5	64
46	Design, synthesis and antimycobacterial activities of 1-methyl-2-alkenyl-4(1H)-quinolones. Bioorganic and Medicinal Chemistry, 2011, 19, 567-579.	1.4	64
47	Antimicrobial and Cytotoxic Isohexenylnaphthazarins from Arnebia euchroma (Royle) Jonst. (Boraginaceae) Callus and Cell Suspension Culture. Molecules, 2012, 17, 14310-14322.	1.7	64
48	Anti-oxidative and TNF- \hat{l}_{\pm} suppressive activities of puerarin derivative (4AC) in RAW264.7 cells and collagen-induced arthritic rats. European Journal of Pharmacology, 2011, 666, 242-250.	1.7	61
49	Chemistry, analysis and immunological investigations of Echinacea phytopharmaceuticals. , 1999, , 41-88.		61
50	Influence of seasonal variation on Thymus longicaulis C. Presl chemical composition and its antioxidant and anti-inflammatory properties. Phytochemistry, 2014, 107, 80-90.	1.4	60
51	The role of gut microbiota for the activity of medicinal plants traditionally used in the European Union for gastrointestinal disorders. Journal of Ethnopharmacology, 2019, 245, 112153.	2.0	60
52	Inhibition of Leukotriene Biosynthesis by Quinolone Alkaloids from the Fruits of Evodia rutaecarpa. Planta Medica, 2004, 70, 904-908.	0.7	59
53	Seasonal variation in phenolic composition and antioxidant and anti-inflammatory activities of Calamintha nepeta (L.) Savi. Food Research International, 2015, 69, 121-132.	2.9	59
54	Bioavailability and Pharmacokinetics of Alkamides From the Roots of Echinacea angustifoliain Humans. Journal of Clinical Pharmacology, 2005, 45, 683-689.	1.0	57

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55	Lignan Derivatives from <i>Krameria lappacea</i> Roots Inhibit Acute Inflammation in Vivo and Pro-inflammatory Mediators in Vitro. Journal of Natural Products, 2011, 74, 1779-1786.	1.5	56
56	Pharmacokinetics of bilobalide, ginkgolide A and B after administration of three different <i>Ginkgo biloba</i> L. preparations in humans. Phytotherapy Research, 2010, 24, 445-450.	2.8	54
57	Cytotoxicity and P-Glycoprotein Modulating Effects of Quinolones and Indoloquinazolines from the Chinese Herb <i>Evodia rutaecarpa</i>). Planta Medica, 2007, 73, 1554-1557.	0.7	53
58	Anti-inflammatory phloroglucinol derivatives from Hypericum empetrifolium. Phytochemistry Letters, 2008, 1, 37-43.	0.6	53
59	Polyacetylenes from Notopterygium incisum–New Selective Partial Agonists of Peroxisome Proliferator-Activated Receptor-Gamma. PLoS ONE, 2013, 8, e61755.	1.1	53
60	Two New Prenylated 3-Benzoxepin Derivatives as Cyclooxygenase Inhibitors fromPerilla frutescensvar.acutaâ€. Journal of Natural Products, 2000, 63, 403-405.	1.5	52
61	Discovering COX-Inhibiting Constituents of Morus Root Bark: Activity-Guided versus Computer-Aided Methods. Planta Medica, 2005, 71, 399-405.	0.7	52
62	Determination of falcarinol in carrot (Daucus carota L.) genotypes using liquid chromatography/mass spectrometry. Food Chemistry, 2009, 114, 1083-1090.	4.2	50
63	Alkamides from Echinacea inhibit cyclooxygenase-2 activity in human neuroglioma cells. Biochemical and Biophysical Research Communications, 2007, 360, 441-446.	1.0	49
64	Identification of Isosilybin A from Milk Thistle Seeds as an Agonist of Peroxisome Proliferator-Activated Receptor Gamma. Journal of Natural Products, 2014, 77, 842-847.	1.5	48
65	Activity-Guided Isolation of Scopoletin and Isoscopoletin, the Inhibitory Active Principles towards CCRF-CEM Leukaemia Cells and Multi-Drug Resistant CEM/ADR5000 Cells, fromArtemisia argyi. Planta Medica, 2006, 72, 862-864.	0.7	47
66	Efficient identification of flavones, flavanones and their glycosides in routine analysis via off-line combination of sensitive NMR and HPLC experiments. Food Chemistry, 2017, 218, 600-609.	4.2	47
67	Analysis of Alkamides and Caffeic Acid Derivatives fromEchinacea simulataandE. paradoxaRoots1. Planta Medica, 1991, 57, 447-449.	0.7	46
68	Inhibition of Leukotriene Biosynthesis by Stilbenoids from Stemona Species. Journal of Natural Products, 2005, 68, 83-85.	1.5	46
69	HPLC-MS trace analysis of atropine inLycium barbarum berries. Phytochemical Analysis, 2006, 17, 279-283.	1.2	45
70	CB Receptor Ligands from Plants. Current Topics in Medicinal Chemistry, 2008, 8, 173-186.	1.0	45
71	Cultivation and Breeding of Chinese Medicinal Plants in Germany. Planta Medica, 2010, 76, 1956-1962.	0.7	45
72	Prostaglandin-H-synthase (PGHS)-1 and -2 microtiter assays for the testing of herbal drugs and in vitro inhibition of PGHS-isoenzyms by polyunsaturated fatty acids from Platycodi radix. Phytomedicine, 2006, 13, 164-169.	2.3	44

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73	Constituents of the stem bark of Discopodium penninervium and their LTB4 and COX-1 and -2 inhibitory activities. Phytochemistry, 2008, 69, 982-987.	1.4	44
74	A novel concept for detoxification: Complexation between aconitine and liquiritin in a Chinese herbal formula ($\hat{a}\in \tilde{s}$). Journal of Ethnopharmacology, 2013, 149, 562-569.	2.0	43
75	5-Lipoxygenase and Cyclooxygenase Inhibitory Active Constituents from Qianghuo (Notopterygium) Tj $$ ETQq $$ 1 $$ 1 $$	0.784314 0.7	rgBT/Overlo
76	Analytical and pharmacological investigation of Ocotea bullata (black stinkwood) bark and leaves. Journal of Ethnopharmacology, 2000, 71, 219-230.	2.0	42
77	Are national quality standards for traditional Chinese herbal medicine sufficient?. Complementary Therapies in Medicine, 2005, 13, 183-190.	1.3	42
78	Pharmacokinetics and immunomodulatory effects of phytotherapeutic lozenges (bonbons) with Echinacea purpurea extract. Phytomedicine, 2008, 15, 547-554.	2.3	42
79	A Polyacetylenic acetate and a coumarin from Angelica pubescens f. biserrata. Phytochemistry, 1998, 49, 211-213.	1.4	41
80	Design and synthesis of ten biphenyl-neolignan derivatives and their in vitro inhibitory potency against cyclooxygenase-1/2 activity and 5-lipoxygenase-mediated LTB4-formation. Bioorganic and Medicinal Chemistry, 2009, 17, 4459-4465.	1.4	41
81	New Constituents of Leontopodium alpinumand theirin vitro Leukotriene Biosynthesis Inhibitory Activity. Planta Medica, 2004, 70, 978-985.	0.7	40
82	Antiparasitic Compounds from Cupania cinerea with Activities against Plasmodium falciparum and Trypanosoma bruceirhodesiense. Journal of Natural Products, 2011, 74, 559-566.	1.5	39
83	Phytotherapy in Functional Gastrointestinal Disorders. Digestive Diseases, 2017, 35, 36-42.	0.8	39
84	Quinolone alkaloids from : a potent new group of antimycobacterial compounds. International Journal of Antimicrobial Agents, 2005, 26, 262-264.	1.1	38
85	A petrol ether extract of the roots of Onosma paniculatum induces cell death in a caspase dependent manner. Journal of Ethnopharmacology, 2010, 129, 182-188.	2.0	38
86	Filipendula ulmaria extracts attenuate cisplatin-induced liver and kidney oxidative stress in rats: InÂvivo investigation and LC-MS analysis. Food and Chemical Toxicology, 2017, 99, 86-102.	1.8	38
87	Interaction of N-methyl-2-alkenyl-4-quinolones with ATP-dependent MurE ligase of Mycobacterium tuberculosis: antibacterial activity, molecular docking and inhibition kinetics. Journal of Antimicrobial Chemotherapy, 2011, 66, 1766-1772.	1.3	37
88	MEKC Analysis of DifferentEchinaceaSpecies. Planta Medica, 1998, 64, 649-652.	0.7	36
89	Phenylpropanoids and flavonoid glycosides from Lysionotus pauciflorus. Phytochemistry, 1998, 48, 339-343.	1.4	35
90	In Vitro Anti-inflammatory Activity of Larch (Larix decidua L.) Sawdust. Journal of Agricultural and Food Chemistry, 2008, 56, 11688-11693.	2.4	35

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91	Inhibition of COX-2 and NF-κB1 Gene Expression, NO Production, 5-LOX, and COX-1 and COX-2 Enzymes by Extracts and Constituents of Onopordum acanthium. Planta Medica, 2015, 81, 1270-1276.	0.7	35
92	In vitro and in vivo assessment of meadowsweet (Filipendula ulmaria) as anti-inflammatory agent. Journal of Ethnopharmacology, 2016, 193, 627-636.	2.0	35
93	Winter wild fennel leaves as a source of anti-inflammatory and antioxidant polyphenols. Arabian Journal of Chemistry, 2018, 11, 513-524.	2.3	35
94	Knipholone, a selective inhibitor of leukotriene metabolism. Phytomedicine, 2006, 13, 452-456.	2.3	34
95	Absorption of Dodeca-2E,4E,8Z,10E/Z-tetraenoic Acid Isobutylamides after Oral Application of Echinacea purpurea Tincture 1. Planta Medica, 2001, 67, 863-864.	0.7	33
96	Characterization and identification of mycosporines-like compounds in cyanolichens. Isolation of mycosporine hydroxyglutamicol from Nephroma laevigatum Ach Phytochemistry, 2011, 72, 1348-1357.	1.4	32
97	Effect of Costunolide and Dehydrocostus Lactone on Cell Cycle, Apoptosis, and ABC Transporter Expression in Human Soft Tissue Sarcoma Cells. Planta Medica, 2012, 78, 1749-1756.	0.7	32
98	The biological activities of roots and aerial parts of Alchemilla vulgaris L South African Journal of Botany, 2018, 116, 175-184.	1.2	32
99	Foetidissimoside A, a new 3,28-bidesmosidic triterpenoid saponin, and cucurbitacins from Cucurbita foetidissima. Phytochemistry, 1988, 27, 881-885.	1.4	31
100	Transport of Alkamides from Echinacea Species through Caco-2 Monolayers1. Planta Medica, 2002, 68, 469-471.	0.7	31
101	Modern European Monographs for Quality Control of Chinese Herbs. Planta Medica, 2010, 76, 2004-2011.	0.7	31
102	Standardization of Echinacea purpurea Expressed Juice with Reference to Cichoric Acid and Alkamides. Journal of Herbs, Spices and Medicinal Plants, 1999, 6, 51-62.	0.5	30
103	Marine Polyprenylated Hydroquinones, Quinones, and Chromenols with Inhibitory Effects on Leukotriene Formation. Chemistry and Biodiversity, 2005, 2, 901-909.	1.0	29
104	Polyyne Hybrid Compounds from <i>Notopterygium incisum</i> with Peroxisome Proliferator-Activated Receptor Gamma Agonistic Effects. Journal of Natural Products, 2014, 77, 2513-2521.	1.5	29
105	Absolute configuration of eremophilane sesquiterpenes from <i>Petasites hybridus</i> comparison of experimental and calculated circular dichroism spectra. Chirality, 2010, 22, 308-319.	1.3	28
106	Stereostructure and anti-inflammatory activity of three diastereomers of ocobullenone from Ocotea bullata. Phytochemistry, 2000, 54, 591-595.	1.4	27
107	Pharmacokinetics of the Main Alkamides after Administration of three Different Echinacea purpurea Preparations in Humans. Planta Medica, 2008, 74, 651-656.	0.7	27
108	Identification and characterization of [6]â€shogaol from ginger as inhibitor of vascular smooth muscle cell proliferation. Molecular Nutrition and Food Research, 2015, 59, 843-852.	1.5	27

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109	Aldose reductase inhibition of a saponin-rich fraction and new furostanol saponin derivatives from Balanites aegyptiaca. Phytomedicine, 2015, 22, 829-836.	2.3	27
110	In Vitro Antileishmanial Activity of Sterols from Trametes versicolor (Bres. Rivarden). Molecules, 2016, 21, 1045.	1.7	27
111	Review and Assessment of Medicinal Safety Data of Orally Used Echinacea Preparations. Planta Medica, 2016, 82, 17-31.	0.7	27
112	Metabolic profiling of the traditional Chinese medicine formulation Yu Ping Feng San for the identification of constituents relevant for effects on expression of TNF- \hat{l} ±, IFN- \hat{l} 3, IL- $1\hat{l}$ 2 and IL-4 in U937 cells. Journal of Pharmaceutical and Biomedical Analysis, 2017, 145, 219-229.	1.4	27
113	Characterization and optimization of phenolics extracts from Acacia species in relevance to their anti-inflammatory activity. Biochemical Systematics and Ecology, 2018, 78, 21-30.	0.6	27
114	Deeper Chemical Perceptions for Better Traditional Chinese Medicine Standards. Engineering, 2019, 5, 83-97.	3.2	27
115	Development and validation of a LC-MS/MS method based on a new 96-well Hybrid-SPEâ,,¢-precipitation technique for quantification of CYP450 substrates/metabolites in rat plasma. Analytical and Bioanalytical Chemistry, 2011, 400, 2371-2381.	1.9	26
116	Chalcone glycosides from Bidens campylotheca. Phytochemistry, 1992, 32, 218-220.	1.4	25
117	Nevadensin glycosides from Lysionotus pauciflorus. Phytochemistry, 1996, 42, 1203-1205.	1.4	25
118	Antimycobacterial Activity of Geranylated Furocoumarins from Tetradium daniellii. Planta Medica, 2006, 72, 1132-1135.	0.7	25
119	Cytotoxicity and inhibition of P-glycoprotein by selected medicinal plants from Thailand. Journal of Ethnopharmacology, 2014, 155, 633-641.	2.0	25
120	Influence of harvest season on chemical composition and bioactivity of wild rue plant hydroalcoholic extracts. Food and Chemical Toxicology, 2016, 90, 102-111.	1.8	25
121	Assessment of anti-inflammatory properties of extracts from Honeysuckle (Lonicera sp. L.,) Tj ETQq1 1 0.784314	rgBT /Ove	erlock 10 Tf 5
122	Four polyacetylene glucosides from Bidens campylotheca. Phytochemistry, 1992, 31, 2035-2037.	1.4	24
123	Jacaranone-Derived Glucosidic Esters from <i>Jacaranda glabra</i> and Their Activity against <i>Plasmodium falciparum</i> . Journal of Natural Products, 2010, 73, 553-556.	1.5	24
124	Semisynthesis and pharmacological investigation of lipo-alkaloids prepared from aconitine. FÃ-toterapÃ-¢, 2011, 82, 365-368.	1.1	24
125	Anti-tumor effects of shikonin derivatives on human medullary thyroid carcinoma cells. Endocrine Connections, 2017, 6, 53-62.	0.8	23
126	SARS-CoV-2 neutralizing activity of polyphenols in a special green tea extract preparation. Phytomedicine, 2022, 98, 153970.	2.3	23

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127	HPLC-coupled spectroscopic techniques (UV, MS, NMR) for the structure elucidation of phthalides in Ligusticum chuanxiong. Molecular Diversity, 2005, 9, 33-39.	2.1	22
128	Synthesis of N-substituted 2-[(1E)-alkenyl]-4-(1H)-quinolone derivatives as antimycobacterial agents against non-tubercular mycobacteria. European Journal of Medicinal Chemistry, 2011, 46, 2091-2101.	2.6	22
129	Anti-Inflammatory Effects of the Chinese Herbal Formula Sini Tang in Myocardial Infarction Rats. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-10.	0.5	22
130	Drugs from nature targeting inflammation (DNTI): a successful Austrian interdisciplinary network project. Monatshefte Fýr Chemie, 2016, 147, 479-491.	0.9	22
131	Diacetoxy-substituted polyacetylenes from Atractylodes lancea. Phytochemistry, 1997, 46, 1023-1028.	1.4	21
132	In vitro Cytotoxicity and P-Glycoprotein Modulating Effects of Geranylated Furocoumarins from Tetradium daniellii. Planta Medica, 2007, 73, 1475-1478.	0.7	21
133	Sesquiterpene Lactones Downregulate G2/M Cell Cycle Regulator Proteins and Affect the Invasive Potential of Human Soft Tissue Sarcoma Cells. PLoS ONE, 2013, 8, e66300.	1.1	21
134	Is there clinical evidence supporting the use of botanical dietary supplements in children?. Journal of Pediatrics, 2005, 146, 311-317.	0.9	20
135	New Eremophilane Sesquiterpenes from a Rhizome Extract ofPetasites hybridus. Helvetica Chimica Acta, 2007, 90, 183-195.	1.0	20
136	Pharmacokinetics and Tissue Distribution of Dodeca-2 $<$ i>> $<$ /i>>,4 $<$ i>> $<$ /i>>,8 $<$ i>> $<$ /i>>,10 $<$ i>> $<$ /i>>/ $<$ i>> $<$ /i>/ $<$ i>-tetraenoic Acid Isobutylamides after Oral Administration in Rats. Planta Medica, 2009, 75, 1306-1313.	0.7	20
137	Antiâ€inflammatory Activities of Eleven <i>Centaurea</i> Species Occurring in the Carpathian Basin. Phytotherapy Research, 2013, 27, 540-544.	2.8	20
138	A Combined LC-MS Metabolomics- and 16S rRNA Sequencing Platform to Assess Interactions between Herbal Medicinal Products and Human Gut Bacteria in Vitro: a Pilot Study on Willow Bark Extract. Frontiers in Pharmacology, 2017, 8, 893.	1.6	20
139	Use of traditional drugs in a hospital of Chinese medicine in Germany. , 1999, 8, 115-120.		19
140	Periplocin, the most anti-proliferative constituent of Periploca sepium, specifically kills liposarcoma cells by death receptor mediated apoptosis. Phytomedicine, 2018, 51, 162-170.	2.3	19
141	Expanding the Therapeutic Spectrum of Artemisinin: Activity Against Infectious Diseases Beyond Malaria and Novel Pharmaceutical Developments. World Journal of Traditional Chinese Medicine, 2016, 2, 1-23.	0.9	19
142	Influence of Phenolic Constituents from Yucca schidigera Bark on Arachidonate Metabolism in Vitro. Journal of Agricultural and Food Chemistry, 2008, 56, 8885-8890.	2.4	18
143	Polyacetylenes from Radix et Rhizoma Notopterygii Incisi with an Inhibitory Effect on Nitric Oxide Production In Vitro. Planta Medica, 2014, 80, 415-418.	0.7	18
144	Polyacetylenes from <i>Oplopanax horridus</i> and <i>Panax ginseng:</i> Relationship between Structure and PPARÎ ³ Activation. Journal of Natural Products, 2020, 83, 918-926.	1.5	18

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145	Synthesis and biological evaluation of a new class of acyl derivatives of 3-amino-1-phenyl-4,5-dihydro-1H-pyrazol-5-one as potential dual cyclooxygenase (COX-1 and COX-2) and human lipoxygenase (5-LOX) inhibitors. Il Farmaco, 2005, 60, 327-332.	0.9	17
146	Synthesis and Antibacterial Evaluation of a New Series of N-Alkyl-2-alkynyl/(E)-alkenyl-4-(1H)-quinolones. Molecules, 2012, 17, 8217-8240.	1.7	17
147	<i>In vitro</i> Growth Inhibition by <i>Hypericum</i> Extracts and Isolated Pure Compounds of <i>Paenibacillus larvae</i> , a Lethal Disease Affecting Honeybees Worldwide. Chemistry and Biodiversity, 2014, 11, 695-708.	1.0	17
148	Comparative Gene Expression Analysis in WM164 Melanoma Cells Revealed That $\hat{l}^2-\hat{l}^2$ -Dimethylacrylshikonin Leads to ROS Generation, Loss of Mitochondrial Membrane Potential, and Autophagy Induction. Molecules, 2018, 23, 2823.	1.7	17
149	Identification of Constituents Affecting the Secretion of Pro-Inflammatory Cytokines in LPS-Induced U937 Cells by UHPLC-HRMS-Based Metabolic Profiling of the Traditional Chinese Medicine Formulation Huangqi Jianzhong Tang. Molecules, 2019, 24, 3116.	1.7	17
150	Current research in biotechnology: Exploring the biotech forefront. Current Research in Biotechnology, 2019, 1, 34-40.	1.9	17
151	Antiviral activity of plant juices and green tea against <scp>SARSâ€CoV</scp> â€2 and influenza virus. Phytotherapy Research, 2022, 36, 2109-2115.	2.8	17
152	Bisnorditerpene, Norditerpene, and Lipo-alkaloids from <i>Aconitum toxicum</i> . Journal of Natural Products, 2008, 71, 1779-1782.	1.5	16
153	Accelerated sample preparation and formation of astragaloside IV in Astragali Radix. Pharmaceutical Biology, 2014, 52, 403-409.	1.3	16
154	Comparison of a specific HPLC determination of toxic aconite alkaloids in processed Radix aconiti with a titration method of total alkaloids. Pharmaceutical Biology, 2011, 49, 1097-1101.	1.3	15
155	Application of Complementary and Alternative Medicine on Neurodegenerative Disorders: Current Status and Future Prospects. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-2.	0.5	15
156	Cytotoxic Constituents from <i>Lobaria scrobiculata</i> and a Comparison of Two Bioassays for Their Evaluation. Journal of Natural Products, 2014, 77, 1069-1073.	1.5	15
157	Bupleurum chinense Roots: a Bioactivity-Guided Approach toward Saponin-Type NF-κB Inhibitors. Planta Medica, 2017, 83, 1242-1250.	0.7	15
158	Synthesis of Novel Shikonin Derivatives and Pharmacological Effects of Cyclopropylacetylshikonin on Melanoma Cells. Molecules, 2018, 23, 2820.	1.7	15
159	Phytochemical analysis and anti-inflammatory effects of Filipendula vulgaris Moench extracts. Food and Chemical Toxicology, 2018, 122, 151-162.	1.8	15
160	Two acetylenic compounds from Echinacea pallida roots. Phytochemistry, 1987, 26, 1199-1200.	1.4	14
161	Rapid Identification of <i>Asteraceae </i> Plants with Improved RBF-ANN Classification Models Based on MOS Sensor E-Nose. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-6.	0.5	14
162	1,2-Substituted 4-(1H)-Quinolones: Synthesis, Antimalarial and Antitrypanosomal Activities in Vitro. Molecules, 2014, 19, 14204-14220.	1.7	14

#	Article	IF	CITATIONS
163	Comprehensive metabolic profiling of modified gegen qinlian decoction by ultra-high-performance liquid chromatography-diode array detection-Q-exactive-orbitrap-electrospray ionization-mass spectrometry/mass spectrometry and application of high-performance thin-layer chromatography for its fingerprint analysis. World Journal of Traditional Chinese Medicine, 2021, 7, 11.	0.9	14
164	Medicinal Plants and Their Impact on the Gut Microbiome in Mental Health: A Systematic Review. Nutrients, 2022, 14, 2111.	1.7	14
165	Synthesis of new 1-benzyl tetrahydropyridinylidene ammonium salts and their antimicrobial and anticellular activities. European Journal of Medicinal Chemistry, 2018, 143, 97-106.	2.6	13
166	Antiproliferative Carvotacetones from <i>Sphaeranthus africanus</i> . Journal of Natural Products, 2018, 81, 1829-1834.	1.5	13
167	Anti-inflammatory and antiproliferative compounds from Sphaeranthus africanus. Phytomedicine, 2019, 62, 152951.	2.3	13
168	Antimicrobial and Efflux Pump Inhibitory Activity of Carvotacetones from Sphaeranthus africanus Against Mycobacteria. Antibiotics, 2020, 9, 390.	1.5	13
169	Periplocin mediates TRAIL-induced apoptosis and cell cycle arrest in human myxofibrosarcoma cells via the ERK/p38/JNK pathway. Phytomedicine, 2020, 76, 153262.	2.3	13
170	A New Major Triterpene Saponin from the Roots of Cucurbita foetidissima. Journal of Natural Products, 2000, 63, 122-124.	1.5	12
171	Derivatives of schisandrin with increased inhibitory potential on prostaglandin E2 and leukotriene B4 formation in vitro. Bioorganic and Medicinal Chemistry, 2010, 18, 2809-2815.	1.4	12
172	Enantiomeric separation of racemic thiosulphinate esters by high-performance liquid chromatography. Journal of Chromatography A, 1991, 541, 464-468.	1.8	11
173	Paucifloside, A New Phenylpropanoid Glycoside from <u>Lysionotus pauciflorus</u> . Natural Product Research, 1995, 7, 23-28.	0.4	11
174	Inhibitory Effects of Maesanin and Analogs on Arachidonic Acid Metabolizing Enzymes. Planta Medica, 2001, 67, 360-361.	0.7	11
175	The Constituents of Echinacea atrorubens Roots and Aerial Parts. Pharmaceutical Biology, 2001, 39, 11-15.	1.3	11
176	Synthesis of Tetrahydrohonokiol Derivates and Their Evaluation for Cytotoxic Activity against CCRF-CEM Leukemia, U251 Glioblastoma and HCT-116 Colon Cancer Cells. Molecules, 2014, 19, 1223-1237.	1.7	11
177	Influence of Processing on the Content of Toxic Carboxyatractyloside and Atractyloside and the Microbiological Status of Xanthium sibiricum Fruits (Cang'erzi). Planta Medica, 2015, 81, 1213-1220.	0.7	11
178	Enantiomeric separation of racemic pterocarpans by high-performance liquid chromatography on (+)-poly(triphenylmethyl methacrylate)-coated silica gel. Journal of Chromatography A, 1990, 508, 212-216.	1.8	10
179	Inhibition of inducible nitric oxide synthase by bis(helenalinyl)glutarate in RAW264.7 macrophages. Biochemical Pharmacology, 2010, 79, 1573-1580.	2.0	10
180	Picrorhizones A–H, Polyprenylated Benzoylphloroglucinols from the Stem Bark of <i>Garcinia picrorhiza</i> . Journal of Natural Products, 2020, 83, 2102-2111.	1.5	10

#	Article	IF	CITATIONS
181	\hat{l}^2, \hat{l}^2 -Dimethylacrylshikonin Induces Apoptosis in Melanoma Cell Lines by NOXA Upregulation. Journal of Natural Products, 2020, 83, 305-315.	1.5	10
182	In vitro, in vivo and in silico evaluation of the anti-inflammatory potential of Hyssopus officinalis L. subsp. aristatus (Godr.) Nyman (Lamiaceae). Journal of Ethnopharmacology, 2022, 293, 115201.	2.0	10
183	Synthesis and biological evaluation of new phenidone analogues as potential dual cyclooxygenase (COX-1 and COX-2) and human lipoxygenase (5-LOX) inhibitors. Il Farmaco, 2005, 60, 7-13.	0.9	9
184	In Vitro12(S)-HETE and Leukotriene Metabolism Inhibitory Activity of Sesquiterpenes of Warburgia ugandensis. Planta Medica, 2006, 72, 754-756.	0.7	9
185	Inhibition of <i>In Vitro</i> Leukotriene B ₄ Biosynthesis in Human Neutrophil Granulocytes and Docking Studies of Natural Quinones. Natural Product Communications, 2013, 8, 1934578X1300800.	0.2	9
186	Synthesis of new 4-phenylpyrimidine-2(1 H)-thiones and their potency to inhibit COX-1 and COX-2. European Journal of Medicinal Chemistry, 2015, 101, 552-559.	2.6	9
187	25-O-acetyl-23,24-dihydro-cucurbitacin F induces cell cycle G2/M arrest and apoptosis in human soft tissue sarcoma cells. Journal of Ethnopharmacology, 2015, 164, 265-272.	2.0	9
188	Application of an in vitro digestion model to study the metabolic profile changes of an herbal extract combination by UHPLC–HRMS. Phytomedicine, 2020, 71, 153221.	2.3	9
189	HPLC-UV/HRMS methods for the unambiguous detection of adulterations of <i>Ginkgo biloba</i> leaves with <i>Sophora japonica</i> fruits on an extract level. Pharmaceutical Biology, 2021, 59, 436-441.	1.3	9
190	Synthesis and Pharmacological In Vitro Investigations of Novel Shikonin Derivatives with a Special Focus on Cyclopropane Bearing Derivatives. International Journal of Molecular Sciences, 2021, 22, 2774.	1.8	9
191	Enzymatic Degradation of Echinacoside and Cynarine inEchinacea angustifoliaRoot Preparations. Pharmaceutical Biology, 2004, 42, 443-448.	1.3	8
192	Absolute/Relative Bioavailability and Metabolism of Dodeca-2 <i>\times6. Fetraenoic Acid Isobutylamides (Tetraenes) after Intravenous and Oral Single Doses to Rats. Planta Medica, 2011, 77, 1794-1799.</i>	0.7	8
193	<i>Aconitum</i> lipo-alkaloids – Semisynthetic Products of the Traditional Medicine. Natural Product Communications, 2011, 6, 1934578X1100600.	0.2	8
194	Inhibition of NO Production by <i>Grindelia argentina</i> Saponins. Chemistry and Biodiversity, 2014, 11, 311-322.	1.0	8
195	Phloroglucinol and Terpenoid Derivatives from Hypericum cistifolium and H. galioides (Hypericaceae). Frontiers in Plant Science, 2016, 7, 961.	1.7	8
196	The Dietary Constituent Falcarindiol Promotes Cholesterol Efflux from THP-1 Macrophages by Increasing ABCA1 Gene Transcription and Protein Stability. Frontiers in Pharmacology, 2017, 8, 596.	1.6	8
197	Organoleptic Evaluation of Amomi Fructus and Its Further Background Verified via Morphological Measurement and GC Coupled with E-Nose. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-9.	0.5	8
198	C13 Megastigmane Derivatives From Epipremnum pinnatum: \hat{l}^2 -Damascenone Inhibits the Expression of Pro-Inflammatory Cytokines and Leukocyte Adhesion Molecules as Well as NF- \hat{l}^2 B Signaling. Frontiers in Pharmacology, 2019, 10, 1351.	1.6	8

#	Article	IF	Citations
199	Inhibition of Leukotriene Biosynthesis by Secondary Plant Metabolites. Current Organic Chemistry, 2008, 12, 602-618.	0.9	7
200	Alkamides from Echinacea angustifolia Interact with P-Glycoprotein of Primary Brain Capillary Endothelial Cells Isolated from Porcine Brain Blood Vessels. Planta Medica, 2013, 79, 214-218.	0.7	7
201	Influence of silibinin and \hat{l}^2 - \hat{l}^2 -dimethylacrylshikonin on chordoma cells. Phytomedicine, 2018, 49, 32-40.	2.3	7
202	Shikonin derivatives cause apoptosis and cell cycle arrest in human chondrosarcoma cells via death receptors and MAPK regulation. BMC Cancer, 2022, 22, .	1.1	7
203	Cultivating Chinese Medicinal Plants in Germany: A Pilot Project. Journal of Alternative and Complementary Medicine, 2007, 13, 597-601.	2.1	6
204	Identification of Chinese Herbal Medicines from <i>Zingiberaceae </i> Family Using Feature Extraction and Cascade Classifier Based on Response Signals from E-Nose. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-7.	0.5	6
205	Plant extracts in cell-based anti-inflammatory assaysâ€"Pitfalls and considerations related to removal of activity masking bulk components. Phytochemistry Letters, 2014, 10, xli-xlvii.	0.6	6
206	Preparation of new 1,3-dibenzyl tetrahydropyridinylidene ammonium salts and their antimicrobial and anticellular activities. European Journal of Medicinal Chemistry, 2021, 210, 112969.	2.6	6
207	Natural Products as Antibacterial Agents — Antibacterial Potential and Safety of Post-distillation and Waste Material from Thymus vulgaris L., Lamiaceae. , 0, , .		5
208	Cytotoxic and Anti-Inflammatory Activities of Dihydroisocoumarin and Xanthone Derivatives from Garcinia picrorhiza. Molecules, 2021, 26, 6626.	1.7	5
209	Shikonin Derivatives Inhibit Inflammation Processes and Modulate MAPK Signaling in Human Healthy and Osteoarthritis Chondrocytes. International Journal of Molecular Sciences, 2022, 23, 3396.	1.8	5
210	Cytotoxic Furanogermacranolides from the Flowers of Helianthus angustifolius. Planta Medica, 2011, 77, 1912-1915.	0.7	4
211	Influence of Olive Oil Press Cakes on Shiitake Culinary-Medicinal Mushroom, Lentinus edodes (Berk.) Singer (Higher Basidiomycetes) Fruiting Bodies Production and Effect of their Crude Polysaccharides on CCRF-CEM Cell Proliferation. International Journal of Medicinal Mushrooms, 2012, 14, 419-424.	0.9	4
212	<i>In vitro</i> Anti-inflammatory Activity of <i>Ligustrum vulgare</i> Extracts and Their Analytical Characterization. Natural Product Communications, 2013, 8, 1934578X1300801.	0.2	4
213	Differential and Stereoselectiveln VitroCytotoxicity of Eremophilane Sesquiterpenes ofPetasites hybridusRhizomes in Rat Hepatocytes. Planta Medica, 2011, 77, 32-39.	0.7	3
214	Modifications on tetrahydropyridin-4-ylidene ammonium salts and their antiprotozoal activities. Monatshefte FÃ $\frac{1}{4}$ r Chemie, 2018, 149, 801-812.	0.9	3
215	BIOLOGICAL ACTIVITIES OF SANGUISORBA MINOR L. EXTRACTS - IN VITRO AND IN VIVO EVALUATIONS. Acta Poloniae Pharmaceutica, 2020, 77, 745-758.	0.3	3
216	Characterization of Constituents with Potential Anti-Inflammatory Activity in Chinese Lonicera Species by UHPLC-HRMS Based Metabolite Profiling. Metabolites, 2022, 12, 288.	1.3	3

#	Article	IF	CITATIONS
217	Antiinflammatory Potential and Fatty Acid Content of Lipophilic Leaf Extracts of Four <i>Staphylea</i> L. Species. Natural Product Communications, 2009, 4, 1934578X0900400.	0.2	2
218	Extraction of rotundifuran and casticin from chaste tree fruits by near critical liquid carbon dioxide. Journal of Supercritical Fluids, 2013, 79, 123-126.	1.6	2
219	Application of Complementary and Alternative Medicine on Neurodegenerative Disorders 2013. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-2.	0.5	2
220	Triterpenoidal and Phenolic Compounds Isolated from the Aerial Parts of <i>Helicteres hirsuta</i> and their Cytotoxicity on Several Cancer Cell Lines. Natural Product Communications, 2019, 14, 1934578X1901400.	0.2	2
221	Blackstonia perfoliata (L.) Huds. (Gentianaceae): A promising source of useful bioactive compounds. Industrial Crops and Products, 2020, 145, 111974.	2.5	2
222	E-Notopterol. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o545-o545.	0.2	2
223	Radix Angelicae pubescentis — Duhuo. , 2011, , 99-111.		1
224	Herba Ephedrae – Mahuang. , 2016, , 107-114.		1
225	Interaction between the Herbal Preparation STW 5 and Human Intestinal Bacteria in Vitro. Gastroenterology, 2017, 152, S206.	0.6	1
226	Stereoselective Synthesis of the Isomers of Notoincisol A: Assignment of the Absolute Configuration of this Natural Product and Biological Evaluation. Journal of Natural Products, 2018, 81, 2419-2428.	1.5	1
227	Herba Violae – Zihuadiding. , 2016, , 115-123.		1
228	SK119, a Novel Shikonin Derivative, Leads to Apoptosis in Melanoma Cell Lines and Exhibits Synergistic Effects with Vemurafenib and Cobimetinib. International Journal of Molecular Sciences, 2022, 23, 5684.	1.8	1
229	Enantiomeric separation of racemic isoflavanones and related compounds on (+)-poly(triphenylmethyl) Tj ETQq1 1	l 0.78431 1.8	4 rgBT /Ove
230	Synthesis and Biological Evaluation of New Phenidone Analogues as Potential Dual Cyclooxygenase (COX-1 and COX-2) and Human Lipoxygenase (5-LOX) Inhibitors ChemInform, 2005, 36, no.	0.1	0
231	Inhibition of PGHS-1 and PGHS-2 by Triterpenoid Acids from <i>Chaenomelis Fructus</i> . Natural Product Communications, 2008, 3, 1934578X0800301.	0.2	О
232	Absolute and relative bioavailabilities of dodeca-2E, 4E, 8E, 10E/Z-tetraenoic acid isobutylamides after intravenous and oral single doses in rats. BMC Pharmacology, 2009, 9, A36.	0.4	0
233	Rhizoma Atractylodis lanceae Cangzhu. , 2011, , 691-706.		О
234	Herba Artemisiae annuae – Qinghao Folium Artemisiae argyi – Aiye. , 2016, , 91-105.		0

#	Article	IF	CITATIONS
235	Biological activities of extract from Coleonema album in vitro. South African Journal of Botany, 2019, 126, 176-181.	1.2	O
236	Unexpected ring-opening of 2,3-dihydropyridines. Monatshefte Fýr Chemie, 2021, 152, 1377-1387.	0.9	0
237	Echinacea Species. , 2010, , 226-234.		O
238	Fructus Lycii Gouqizi. , 2011, , 521-534.		0
239	Fructus Piperis longi — Bibo. , 2011, , 729-741.		O
240	The Role of the GP-TCM Research Association to Modernization and Globalization of Traditional Chinese Medicine., 2013,, 377-385.		0
241	Semen Sinapis – Jiezi. , 2016, , 191-201.		0
242	Semen Nigrum Sesami – Heizhima. , 2016, , 181-189.		0
243	Cortex Albiziae – Hehuanpi. , 2016, , 1-9.		O
244	Radix Gentianae macrophyllae – Qinjiao. , 2016, , 137-146.		0
245	Fructus Xanthii – Cang'erzi. , 2016, , 79-90.		0
246	Radix Trichosanthis – Tianhuafen. , 2016, , 147-156.		0
247	Ramulus Mori – Sangzhi. , 2016, , 157-168.		O
248	Fructus Viticis – Manjingzi. , 2016, , 71-78.		0
249	Semen Vaccariae – Wangbuliuxing. , 2016, , 203-212.		0
250	Use of Botanicals in Children and Adults. , 2017, , 192-198.		0
251	A tribute to Prof. em. Dr. Dr. h.c. mult. Hildebert Wagner. Pharmaceutical Biology, 2022, 60, (i)-(iii).	1.3	0