Krystyna Skalicka-WoÅºniak

List of Publications by Year
in descending order

183 papers	4,954 citations	136950 32 h-index	133252 59 g-index
187 all docs	187 docs citations	187 times ranked	7096 citing authors

#	Article	IF	Citations
1	Bioactivity of dietary polyphenols: The role of metabolites. Critical Reviews in Food Science and Nutrition, 2020, 60, 626-659.	10.3	378
2	Luteolin as an anti-inflammatory and neuroprotective agent: A brief review. Brain Research Bulletin, 2015, 119, 1-11.	3.0	317
3	Modifications of dietary flavonoids towards improved bioactivity: An update on structureâ€“activity relationship. Critical Reviews in Food Science and Nutrition, 2018, 58, 513-527.	10.3	200
4	Molecular targets of curcumin for cancer therapy: an updated review. Tumor Biology, 2016, 37, 13017-13028.	1.8	157
5	Effects of imperatorin on scopolamine-induced cognitive impairment and oxidative stress in mice. Psychopharmacology, 2015, 232, 931-942.	3.1	145
6	Hepatoprotective effect of quercetin: From chemistry to medicine. Food and Chemical Toxicology, 2017, 108, 365-374.	3.6	132
7	Nrf2 targeting by sulforaphane: A potential therapy for cancer treatment. Critical Reviews in Food Science and Nutrition, 2018, 58, 1391-1405.	10.3	129
8	Terpenoids. , 2017, , 233-266.		122
9	Implication of coumarins towards central nervous system disorders. Pharmacological Research, 2016, 103, 188-203.	7.1	115
10	Enhancing stress growth traits as well as phytochemical and antioxidant contents of Spiraea and Pittosporum under seaweed extract treatments. Plant Physiology and Biochemistry, 2016, 105, 310-320.	5.8	85
11	Characterization and Biological Evaluation of Propolis from Poland. Molecules, 2017, 22, 1159.	3.8	80
12	Counter-current chromatography for the separation of terpenoids: a comprehensive review with respect to the solvent systems employed. Phytochemistry Reviews, 2014, 13, 547-572.	6.5	76
13	Bioactivity-guided isolation of antimicrobial coumarins from Heracleum mantegazzianum Sommier & Levier (Apiaceae) fruits by high-performance counter-current chromatography. Food Chemistry, 2015, 186, 133-138.	8.2	69
14	Antioxidant activity of polyphenols from Lycopus lucidus Turcz. Food Chemistry, 2009, 113, 134-138.	8.2	66
15	Imperatorinâ€“pharmacological meaning and analytical clues: profound investigation. Phytochemistry Reviews, 2016, 15, 627-649.	6.5	66
16	A comprehensive classification of solvent systems used for natural product purifications in countercurrent and centrifugal partition chromatography. Natural Product Reports, 2015, 32, 1556-1561.	10.3	65
17	Anticonvulsant effects of four linear furanocoumarins, bergapten, imperatorin, oxypeucedanin, and xanthotoxin, in the mouse maximal electroshock-induced seizure model: a comparative study. Pharmacological Reports, 2010, 62, 1231-1236.	3.3	64
18	An in vitro and in silico approach to cholinesterase inhibitory and antioxidant effects of the methanol extract, furanocoumarin fraction, and major coumarins of Angelica officinalis L. fruits. Phytochemistry Letters, 2011, 4, 462-467.	1.2	63

#	Article	IF	Citations
19	Enhancing mint and basil oil composition and antibacterial activity using seaweed extracts. Industrial Crops and Products, 2016, 92, 50-56.	5.2	63
20	Adulteration of herbal sexual enhancers and slimmers: The wish for better sexual well-being and perfect body can be risky. Food and Chemical Toxicology, 2017, 108, 355-364.	3.6	61
21	Evaluation of polysaccharides content in fruit bodies and their antimicrobial activity of four Ganoderma lucidum (W Curt.: Fr.) P. Karst. strains cultivated on different wood type substrates. Acta Societatis Botanicorum Poloniae, 2012, 81, 17-21.	0.8	55
22	Effects of imperatorin on nicotine-induced anxiety- and memory-related responses and oxidative stress in mice. Physiology and Behavior, 2013, 122, 46-55.	2.1	54
23	Scopolamine-Induced Memory Impairment Is Alleviated by Xanthotoxin: Role of Acetylcholinesterase and Oxidative Stress Processes. ACS Chemical Neuroscience, 2018, 9, 1184-1194.	3.5	54
24	Bioactivity of essential oils extracted from Cupressus macrocarpa branchlets and Corymbia citriodora leaves grown in Egypt. BMC Complementary and Alternative Medicine, 2018, 18, 23.	3.7	51
25	Pteryxin - A promising butyrylcholinesterase-inhibiting coumarin derivative from Mutellina purpurea. Food and Chemical Toxicology, 2017, 109, 970-974.	3.6	43
26	Antiviral effect of compounds derived from Angelica archangelica L. on Herpes simplex virus-1 and Coxsackievirus B3 infections. Food and Chemical Toxicology, 2017, 109, 1026-1031.	3.6	41
27	Major secondary metabolites of Iris spp.. Phytochemistry Reviews, 2015, 14, 51-80.	6.5	40
28	Natural Terpenes Influence the Activity of Antibiotics against Isolated Mycobacterium tuberculosis. Medical Principles and Practice, 2017, 26, 108-112.	2.4	38
29	The anticonvulsant and anti-plasmid conjugation potential of Thymus vulgaris chemistry: An in vivo murine and in vitro study. Food and Chemical Toxicology, 2018, 120, 472-478.	3.6	38
30	Isolation and Antimicrobial Activity of Coumarin Derivatives from Fruits of Peucedanum luxurians Tamamsch. Molecules, 2018, 23, 1222.	3.8	36
31	Antifungal, antibacterial and anticancer activities of Ficus drupacea L. stem bark extract and biologically active isolated compounds. Industrial Crops and Products, 2015, 74, 752-758.	5.2	35
32	In vivo modulation of the behavioral effects of nicotine by the coumarins xanthotoxin, bergapten, and umbelliferone. Psychopharmacology, 2016, 233, 2289-2300.	3.1	35
33	Carrot seed essential oilâ€"Source of carotol and cytotoxicity study. Industrial Crops and Products, 2016, 92, 109-115.	5.2	35
34	Xanthotoxin and umbelliferone attenuate cognitive dysfunction in a streptozotocinâ€induced rat model of sporadic Alzheimer's disease: The role of <scp>JAK2</scp>/<scp>STAT3</scp> and Nrf2/<scp>HO</scp>â€1 signalling pathway modulation. Phytotherapy Research, 2020, 34, 2351-2365.	5.8	34
35	Memory-vitalizing effect of twenty-five medicinal and edible plants and their isolated compounds. South African Journal of Botany, 2016, 102, 102-109.	2.5	33
36	A comprehensive review of agrimoniin. Annals of the New York Academy of Sciences, 2017, 1401, 166-180.	3.8	33

#	Article	IF	Citations
37	Application of Moldavian dragonhead (Dracocephalum moldavica L.) leaves addition as a functional component of nutritionally valuable corn snacks. Journal of Food Science and Technology, 2017, 54, 3218-3229.	2.8	33
38	Prediction of the Passive Intestinal Absorption of Medicinal Plant Extract Constituents with the Parallel Artificial Membrane Permeability Assay (PAMPA). Planta Medica, 2016, 82, 424-431.	1.3	32
39	Zeaxanthin and ocular health, from bench to bedside. FÃ¬toterapÃ¬Ã¢, 2016, 109, 58-66.	2.2	32
40	The effects of imperatorin on anxiety and memory-related behavior in male Swiss mice.. Experimental and Clinical Psychopharmacology, 2012, 20, 325-332.	1.8	31
41	Inula helenium and Grindelia squarrosa as a source of compounds with anti-inflammatory activity in human neutrophils and cultured human respiratory epithelium. Journal of Ethnopharmacology, 2020, 249, 112311.	4.1	30
42	Antimicrobial activity of Apis mellifera L. and Trigona sp. propolis from Nepal and its phytochemical analysis. Biomedicine and Pharmacotherapy, 2020, 129, 110435.	5.6	30
43	HPLCâ€ĐADâ€ESIâ€Qâ€TOFâ€MS/MS profiling of Verbascum ovalifolium Donn ex Sims and evaluation of its antioxidant and cytogenotoxic activities. Phytochemical Analysis, 2019, 30, 34-45.	2.4	28
44	Antimicrobial Activity of Fatty Acids from Fruits of Peucedanum cervaria and P. alsaticum. Chemistry and Biodiversity, 2010, 7, 2748-2754.	2.1	27
45	Pressurized Liquid Extraction of Coumarins from Fruits of Heracleum leskowii with Application of Solvents with Different Polarity under Increasing Temperature. Molecules, 2012, 17, 4133-4141.	3.8	27
46	Application of HPCCC, UHPLC-PDA-ESI-MS 3 and HPLC-PDA methods for rapid, one-step preparative separation and quantification of rutin in Forsythia flowers. Industrial Crops and Products, 2015, 76, 86-94.	5.2	27
47	Agrimonolide and Desmethylagrimonolide Induced HO-1 Expression in HepG2 Cells through Nrf2-Transduction and p38 Inactivation. Frontiers in Pharmacology, 2016, 7, 513.	3.5	27
48	Chemical Characteristics and Physical Properties of Functional Snacks Enriched with Powdered Tomato. Polish Journal of Food and Nutrition Sciences, 2018, 68, 251-261.	1.7	27
49	Preparative separation of menthol and pulegone from peppermint oil (Mentha piperita L.) by high-performance counter-current chromatography. Phytochemistry Letters, 2014, 10, xciv-xcviii.	1.2	26
50	Nigella damascena L. Essential Oilâ€"A Valuable Source of Î²-Elemene for Antimicrobial Testing. Molecules, 2018, 23, 256.	3.8	26
51	7-substituted coumarins inhibit proliferation and migration of laryngeal cancer cells in vitro. Anticancer Research, 2013, 33, 4347-56.	1.1	26
52	Symphytum officinale L.: Liquid-liquid chromatography isolation of caffeic acid oligomers and evaluation of their influence on pro-inflammatory cytokine release in LPS-stimulated neutrophils. Journal of Ethnopharmacology, 2020, 262, 113169.	4.1	25
53	Isolation of terpenoids from <scp>P</scp>impinella anisum essential oil by highâ€performance counterâ€current chromatography. Journal of Separation Science, 2013, 36, 2611-2614.	2.5	24
54	Influence of xanthotoxin (8-methoxypsoralen) on the anticonvulsant activity of various novel antiepileptic drugs against maximal electroshock-induced seizures in mice. FÃ¬toterapÃ¬Ã¢, 2016, 115, 86-91.	2.2	24

#	Article	IF	Citations
55	Rho kinase inhibition ameliorates cyclophosphamide-induced cystitis in rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2017, 390, 613-619.	3.0	24
56	Metabolite profiling, arginase inhibition and vasorelaxant activity of Cornus mas, Sorbus aucuparia and Viburnum opulus fruit extracts. Food and Chemical Toxicology, 2019, 133, 110764.	3.6	23
57	Phytochemical composition of wormwood (Artemisia gmelinii) extracts in respect of their antimicrobial activity. BMC Complementary and Alternative Medicine, 2019, 19, 288.	3.7	23
58	Volatile Compounds in Fruits of Peucedanum cervaria (<scp>Lap.</scp>) L.. Chemistry and Biodiversity, 2009, 6, 1087-1092.	2.1	22
59	Effect of xanthotoxin (8-methoxypsoralen) on the anticonvulsant activity of classical antiepileptic drugs against maximal electroshock-induced seizures in mice. FÃ¬toterapÃ¬Ã¢, 2015, 105, 1-6.	2.2	22
60	Assessment of the Combined Treatment with Umbelliferone and Four Classical Antiepileptic Drugs Against Maximal Electroshock-Induced Seizures in Mice. Pharmacology, 2015, 96, 175-180.	2.2	22
61	Nigella damascena L. essential oil and its main constituents, damascenine and Î²-elemene modulate inflammatory response of human neutrophils ex vivo. Food and Chemical Toxicology, 2019, 125, 161-169.	3.6	22
62	Cholinesterase, tyrosinase inhibitory and antioxidant potential of randomly selected Umbelliferous plant species and chromatographic profile of Heracleum platytaenium Boiss. and Angelica sylvestris L. var. sylvestris. Journal of the Serbian Chemical Society, 2016, 81, 357-368.	0.8	22
63	Pharmacological features of osthole. Postepy Higieny I Medycyny Doswiadczalnej, 2017, 71, 0-0.	0.1	22
64	Unveiling the Phytochemical Profile and Biological Potential of Five Artemisia Species. Antioxidants, 2022, 11, 1017.	5.1	22
65	Isolation of the new minor constituents dihydropyranochromone and furanocoumarin from fruits of Peucedanum alsaticum L. by high-speed counter-current chromatography. Journal of Chromatography A, 2009, 1216, 5669-5675.	3.7	21
66	Phenolic acids content, antioxidant and antimicrobial activity ofLigusticum mutellinaL.. Natural Product Research, 2013, 27, 1108-1110.	1.8	21
67	Phyto-Functionalized Silver Nanoparticles Derived from Conifer Bark Extracts and Evaluation of Their Antimicrobial and Cytogenotoxic Effects. Molecules, 2022, 27, 217.	3.8	21
68	Use of ultra-high-performance liquid chromatography coupled with quadrupole-time-of-flight mass spectrometry system as valuable tool for an untargeted metabolomic profiling of Rumex tunetanus flowers and stems and contribution to the antioxidant activity. Journal of Pharmaceutical and Biomedical Analysis, 2019, 162, 66-81.	2.8	20
69	Bioactive components and anti-diabetic properties of Moringa oleifera Lam. Critical Reviews in Food Science and Nutrition, 2022, 62, 3873-3897.	10.3	20
70	Comparison of matrix-solid phase dispersion and liquidâ€“solid extraction connected with solid-phase extraction in the quantification of selected furanocoumarins from fruits of Heracleum leskowii by high performance liquid chromatography. Industrial Crops and Products, 2013, 50, 131-136.	5.2	19
71	Rare Coumarins Induce Apoptosis, G1 Cell Block and Reduce RNA Content in HL60 Cells. Open Chemistry, 2017, 15, 1-6.	1.9	19
72	Antifungal Properties of Fucus vesiculosus L. Supercritical Fluid Extract Against Fusarium culmorum and Fusarium oxysporum. Molecules, 2019, 24, 3518.	3.8	19

#	Article	IF	Citations
73	Antiglioma Potential of Coumarins Combined with Sorafenib. Molecules, 2020, 25, 5192.	3.8	19
74	Impact of Plant Origin on Eurasian Propolis on Phenolic Profile and Classical Antioxidant Activity. Biomolecules, 2021, 11, 68.	4.0	19
75	Variation of the volatile content of the fruits ofPeucedanum alsaticumL.. Acta Chromatographica, 2008, 20, 119-133.	1.3	19
76	Osthole induces apoptosis, suppresses cell-cycle progression and proliferation of cancer cells. Anticancer Research, 2014, 34, 6473-80.	1.1	19
77	HPLC Analysis of Kaempherol and Quercetin Derivatives Isolated by Different Extraction Techniques from Plant Matrix. Journal of AOAC INTERNATIONAL, 2011, 94, 17-21.	1.5	18
78	An overview of the two-phase solvent systems used in the countercurrent separation of phenylethanoid glycosides and iridoids and their biological relevance. Phytochemistry Reviews, 2019, 18, 377-403.	6.5	18
79	Quantitative Analysis of Phenolic Acids in Extracts Obtained from the Fruits of Peucedanum alsaticum L. and Peucedanum cervaria (L.) Lap. Chromatographia, 2008, 68, 85-90.	1.3	17
80	Supercritical Fluid Chromatography with Photodiode Array Detection in the Determination of Fat-Soluble Vitamins in Hemp Seed Oil and Waste Fish Oil. Molecules, 2018, 23, 1131.	3.8	17
81	Phytochemical Fingerprinting and In Vitro Antimicrobial and Antioxidant Activity of the Aerial Parts of Thymus marschallianus Willd. and Thymus seravschanicus Klokov Growing Widely in Southern Kazakhstan. Molecules, 2021, 26, 3193.	3.8	17
82	Composition, Anti-MRSA Activity and Toxicity of Essential Oils from Cymbopogon Species. Molecules, 2021, 26, 7542.	3.8	17
83	High-performance countercurrent chromatographic isolation of acylated iridoid diglycosides from Verbascum ovalifolium Donn ex Sims and evaluation of their inhibitory potential on IL-8 and TNF-Î± production. Journal of Pharmaceutical and Biomedical Analysis, 2019, 166, 295-303.	2.8	16
84	Bergapten Improves Scopolamine-Induced Memory Impairment in Mice via Cholinergic and Antioxidative Mechanisms. Frontiers in Neuroscience, 2020, 14, 730.	2.8	16
85	High-performance counter-current chromatography isolation and initial neuroactivity characterization of furanocoumarin derivatives from Peucedanum alsaticum L (Apiaceae). Phytomedicine, 2019, 54, 259-264.	5.3	15
86	Preparative separation and bioactivity of oligomeric proanthocyanidins. Phytochemistry Reviews, 2020, 19, 1093-1140.	6.5	15
87	Imperatorin as a Promising Chemotherapeutic Agent against Human Larynx Cancer and Rhabdomyosarcoma Cells. Molecules, 2020, 25, 2046.	3.8	15
88	Coumarins modulate the anti-glioma properties of temozolomide. European Journal of Pharmacology, 2020, 881, 173207.	3.5	15
89	Phytochemical Characterization and Evaluation of the Antioxidant and Anti-Enzymatic Activity of Five Common Spices: Focus on Their Essential Oils and Spent Material Extractives. Plants, 2021, 10, 2692.	3.5	15
90	GC-MS fingerprints of mint essential oils. Open Chemistry, 2015, 13, .	1.9	14

#	Article	IF	Citations
91	Biological activity and safety profile of the essential oil from fruits of Heracleum mantegazzianum Sommier & Levier (Apiaceae). Food and Chemical Toxicology, 2017, 109, 820-826.	3.6	14
92	Multidimensional TLC procedure for separation of complex natural mixtures spanning a wide polarity range; Application for fingerprint construction and for investigation of systematic relationships within thePeucedanumgenus. Acta Chromatographica, 2009, 21, 641-657.	1.3	14
93	The Antimicrobial Properties of Poplar and Aspenâ€“Poplar Propolises and Their Active Components against Selected Microorganisms, including Helicobacter pylori. Pathogens, 2022, 11, 191.	2.8	14
94	Liquid chromatographic techniques in betacyanin isomers separation from Gomphrena globosa L. flowers for the determination of their antimicrobial activities. Journal of Pharmaceutical and Biomedical Analysis, 2018, 161, 83-93.	2.8	13
95	Zebrafish and mouse models for anxiety evaluation â€“ A comparative study with xanthotoxin as a model compound. Brain Research Bulletin, 2020, 165, 139-145.	3.0	13
96	Untargeted metabolite profiling and phytochemical analysis based on RPâ€HPLCâ€DADâ€QTOFâ€MS and MS/MS for discovering new bioactive compounds in Rumex algeriensis flowers and stems. Phytochemical Analysis, 2020, 31, 616-635.	2.4	13
97	Vasorelaxant effects of Crataegus pentagyna: Links with arginase inhibition and phenolic profile. Journal of Ethnopharmacology, 2020, 252, 112559.	4.1	13
98	Profiling the annual change of the neurobiological and antioxidant effects of five Origanum species in correlation with their phytochemical composition. Food Chemistry, 2022, 368, 130775.	8.2	13
99	Computer-assisted searching for coumarins inPeucedanum alsaticumL. andPeucedanum cervaria(L.) Lap.. Acta Chromatographica, 2009, 21, 531-546.	1.3	13
100	Perspectives and New Aspects of Metalloproteinasesâ€™ Inhibitors in the Therapy of CNS Disorders: From Chemistry to Medicine. Current Medicinal Chemistry, 2019, 26, 3208-3224.	2.4	13
101	Combination of Osthole and Cisplatin Against Rhabdomyosarcoma TE671 Cells Yielded Additive Pharmacologic Interaction by Means of Isobolographic Analysis. Anticancer Research, 2018, 38, 205-210.	1.1	13
102	Comparative Antiseizure Analysis of Diverse Natural Coumarin Derivatives in Zebrafish. International Journal of Molecular Sciences, 2021, 22, 11420.	4.1	13
103	Isolation of the minor and rare constituents from fruits of Peucedanum alsaticum L. using high-performance counter-current chromatography. Journal of Separation Science, 2012, 35, 790-797.	2.5	12
104	Highâ€performance countercurrent chromatography separation of Peucedanum cervaria fruit extract for the isolation of rare coumarin derivatives. Journal of Separation Science, 2015, 38, 179-186.	2.5	12
105	6â€Oâ€(3â€³, 4â€³â€diâ€Oâ€transâ€cinnamoyl)â€Î±â€<scp>l</scp>â€rhamnopyranosylcatalpol and verbascoside: Cytotoxicity, cell cycle kinetics, apoptosis, and ROS production evaluation in tumor cells. Journal of Biochemical and Molecular Toxicology, 2020, 34, e22443.	3.0	12
106	Fishing for a deeper understanding of nicotine effects using zebrafish behavioural models. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 98, 109826.	4.8	12
107	Globoidnan A, rabdosiin and globoidnan B as new phenolic markers in Europeanâ€sourced comfrey (<scp>Symphytum officinale</scp> L.) root samples. Phytochemical Analysis, 2021, 32, 482-494.	2.4	12
108	Coumarins from Seseli devenyense Simonk.: Isolation by Liquidâ€“Liquid Chromatography and Potential Anxiolytic Activity Using an In Vivo Zebrafish Larvae Model. International Journal of Molecular Sciences, 2021, 22, 1829.	4.1	12

#	Article	IF	Citations
109	Volatiles from Selected Apiaceae Species Cultivated in Polandâ€"Antimicrobial Activities. Processes, 2021, 9, 695.	2.8	12
110	Screening selected medicinal plants for potential anxiolytic activity using an in vivo zebrafish model. Psychopharmacology, 2020, 237, 3641-3652.	3.1	11
111	Rutamarin: Efficient Liquidâ€"Liquid Chromatographic Isolation from Ruta graveolens L. and Evaluation of Its In Vitro and In Silico MAO-B Inhibitory Activity. Molecules, 2020, 25, 2678.	3.8	11
112	Xanthotoxin reverses Parkinsonâ€™s disease-like symptoms in zebrafish larvae and mice models: a comparative study. Pharmacological Reports, 2021, 73, 122-129.	3.3	11
113	LC-HRMS/MS-based phytochemical profiling of Piper spices: Global association of piperamides with endocannabinoid system modulation. Food Research International, 2021, 141, 110123.	6.2	11
114	LC-HRMS/MS phytochemical profiling of Symphytum officinale L. and Anchusa ochroleuca M. Bieb. (Boraginaceae): Unveiling their multi-biological potential via an integrated approach. Journal of Pharmaceutical and Biomedical Analysis, 2021, 204, 114283.	2.8	11
115	Potential for Prebiotic Stabilized Cornus mas L. Lyophilized Extract in the Prophylaxis of Diabetes Mellitus in Streptozotocin Diabetic Rats. Antioxidants, 2022, 11, 380.	5.1	11
116	A review on the ethnobotany, phytochemistry, pharmacology and toxicology of butterbur species (Petasites L.). Journal of Ethnopharmacology, 2022, 293, 115263.	4.1	11
117	Chemical Constituents of Lavatera trimestris L. â€" Antioxidant and Antimicrobial Activities. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2007, 62, 797-800.	1.4	10
118	Purification and anticonvulsant activity of xanthotoxin (8-methoxypsoralen). Open Life Sciences, 2014, 9, 431-436.	1.4	10
119	Efficient Isolation of Dihydropyranocoumarins and Simple Coumarins from Mutellina purpurea Fruits. Planta Medica, 2016, 82, 1105-1109.	1.3	10
120	Mechanisms of the Procognitive Effects of Xanthotoxin and Umbelliferone on LPS-Induced Amnesia in Mice. International Journal of Molecular Sciences, 2021, 22, 1779.	4.1	10
121	Phytochemical and multi-biological characterization of two Cynara scolymus L. varieties: A glance into their potential large scale cultivation and valorization as bio-functional ingredients. Industrial Crops and Products, 2022, 178, 114623.	5.2	10
122	Comparison of hydrodistillation and headspace solid-phase microextraction techniques for antibacterial volatile compounds from the fruits of Seseli libanotis. Natural Product Communications, 2010, 5, 1427-30.	0.5	10
123	High-performance thin-layer chromatography combined with densitometry for quantitative analysis of chlorogenic acid in fruits ofPeucedanum alsaticumL.. Journal of Planar Chromatography - Modern TLC, 2009, 22, 297-300.	1.2	8
124	Comparison of Hydrodistillation and Headspace Solid-Phase Microextraction Techniques for Antibacterial Volatile Compounds from the Fruits of Seseli Libanotis. Natural Product Communications, 2010, 5, 1934578X1000500.	0.5	8
125	The influence of extracts from Peucedanum salinum on the replication of adenovirus type 5. Archives of Medical Science, 2012, 1, 43-47.	0.9	8
126	Effect of Imperatorin on the Spontaneous Motor Activity of Rat Isolated Jejunum Strips. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-8.	1.2	8

#	Article	IF	Citations
127	Metabolic Profile of and Antimicrobial Activity in the Aerial Part of Leonurus turkestanicus V.I. Krecz. et Kuprian. from Kazakhstan. Journal of AOAC INTERNATIONAL, 2017, 100, 1700-1705.	1.5	8
128	Thin-layer chromatographyâ€"fingerprint, antioxidant activity, and gas chromatographyâ€"mass spectrometry profiling of several Origanum L. species. Journal of Planar Chromatography - Modern TLC, 2017, 30, 386-391.	1.2	8
129	Natural Compounds and Their Derivatives as Multifunctional Agents for the Treatment of Alzheimer Disease. , 2018, , 63-102.		8
130	Metabolite Profiling by Hyphenated Liquid Chromatographic Mass Spectrometric Technique (HPLCâ€DADâ€ESIâ€Qâ€TOFâ€MS/MS) and Neurobiological Potential ofHaplophyllum sahiniiandH. vulcanicumExtracts. Chemistry and Biodiversity, 2019, 16, e1900333.	2.1	8
131	Profiling Auspicious Butyrylcholinesterase Inhibitory Activity of Two Herbal Molecules: Hyperforin and Hyuganin C. Chemistry and Biodiversity, 2019, 16, e1900017.	2.1	8
132	Efficient extraction and isolation of skimmianine from New Caledonian plant Medicosma leratii and evaluation of its effects on apoptosis, necrosis, and autophagy. Phytochemistry Letters, 2019, 30, 224-230.	1.2	8
133	Insights into the Phytochemical and Multifunctional Biological Profile of Spices from the Genus Piper. Antioxidants, 2021, 10, 1642.	5.1	8
134	HPLC analysis of kaempherol and quercetin derivatives isolated by different extraction techniques from plant matrix. Journal of AOAC INTERNATIONAL, 2011, 94, 17-21.	1.5	8
135	Inhibition of the CRF1 receptor influences the activity of antidepressant drugs in the forced swim test in rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2017, 390, 769-774.	3.0	7
136	Molecular Effects of Pteryxin and Scopoletin in the 5xFAD Alzheimerâ€™s Disease Mouse Model. Current Medicinal Chemistry, 2022, 29, 2937-2950.	2.4	7
137	Apiaceae Essential Oils: Boosters of Terbinafine Activity against Dermatophytes and Potent Anti-Inflammatory Effectors. Plants, 2021, 10, 2378.	3.5	7
138	Neuropsychopharmacological profiling of scoparone in mice. Scientific Reports, 2022, 12, 822.	3.3	7
139	Mesembryanthemum tortuosum L. alkaloids modify anxiety-like behaviour in a zebrafish model. Journal of Ethnopharmacology, 2022, 290, 115068.	4.1	7
140	Ultrastructural changes in the mycelium ofHericium erinaceum(Bull.; Fr.) Pers. under selenium-induced oxidative stress. Journal of the Science of Food and Agriculture, 2014, 94, 2718-2725.	3.5	6
141	Adulteration and safety issues in nutraceuticals and dietary supplements: innocent or risky?. , 2016, , 153-182.		6
142	In vitro Antioxidant and Antimicrobial Effects of Ceratostigma plumbaginoides. Natural Product Communications, 2016, 11, 1934578X1601101.	0.5	6
143	Isolation and evaluation of the myorelaxant effect of bergapten on isolated rat jejunum. Pharmaceutical Biology, 2016, 54, 48-54.	2.9	6
144	Inhibition of cytokine secretion by scrophuloside A3 and gmelinoside L isolated from Verbascum blattaria L. by high-performance countercurrent chromatography. Phytochemistry Letters, 2019, 31, 249-255.	1.2	6

#	Article	IF	Citations
145	RP-UHPLCâ€“DAD-QTOF-MS As a Powerful Tool of Oleuropein and Ligstroside Characterization in Olive-Leaf Extract and Their Contribution to the Improved Performance of Refined Olive-Pomace Oil during Heating. Journal of Agricultural and Food Chemistry, 2020, 68, 12039-12047.	5.2	6
146	Xanthotoxin affects depression-related behavior and neurotransmitters content in a sex-dependent manner in mice. Behavioural Brain Research, 2021, 399, 112985.	2.2	6
147	Crocetin and Its Glycoside Crocin, Two Bioactive Constituents From Crocus sativus L. (Saffron), Differentially Inhibit Angiogenesis by Inhibiting Endothelial Cytoskeleton Organization and Cell Migration Through VEGFR2/SRC/FAK and VEGFR2/MEK/ERK Signaling Pathways. Frontiers in Pharmacology, 2021, 12, 675359.	3.5	6
148	Screening for phenolic acids in five species ofIriscollected in Mongolia. Acta Chromatographica, 2008, 20, 259-267.	1.3	6
149	Honokiol and Magnolol: Insights into Their Antidermatophytic Effects. Plants, 2021, 10, 2522.	3.5	6
150	In vitro Antioxidant and Antimicrobial Effects of Ceratostigma plumbaginoides. Natural Product Communications, 2016, 11, 1455-1458.	0.5	6
151	Neuroprotective Effect of Yucca schidigera Roezl ex Ortgies Bark Phenolic Fractions, Yuccaol B and Gloriosaol A on Scopolamine-Induced Memory Deficits in Zebrafish. Molecules, 2022, 27, 3692.	3.8	6
152	Isolation of chlorogenic acid fromMutellina purpureaL. herb using high-performance counter-current chromatography. Natural Product Research, 2014, 28, 1936-1939.	1.8	5
153	Phenolic compounds of Iris adriatica and their antimycobacterial effects. Acta Pharmaceutica, 2019, 69, 673-681.	2.0	5
154	Imperatorin Influences Depressive-like Behaviors: A Preclinical Study on Behavioral and Neurochemical Sex Differences. Molecules, 2022, 27, 1179.	3.8	5
155	Verbascum nigrum: Cytotoxicity Evaluation in A431 Epidermoid Carcinoma Cells and Untargeted LCâ€HRâ€MS/MS Metabolite Profiling. Chemistry and Biodiversity, 2020, 17, e2000644.	2.1	4
156	LC-HRMS/MS phytochemical profiling of Vernonia kotschyana Sch. Bip. ex Walp.: Potential involvement of highly-oxygenated stigmastane-type saponins in cancer cell viability, apoptosis and intracellular ROS production. South African Journal of Botany, 2022, 144, 83-91.	2.5	4
157	Symphytum ibericum Steven: LCâ€“HRMS/MS-based phytochemical profile, in vitro antioxidant and enzyme inhibitory potential. Chemical and Biological Technologies in Agriculture, 2022, 9, .	4.6	4
158	Passive Intestinal Absorption of Representative Plant Secondary Metabolites: A Physicochemical Study. Planta Medica, 2017, 83, 718-726.	1.3	3
159	Chemical comparison of the underground parts of Valeriana officinalis and Valeriana turkestanica from Poland and Kazakhstan. Open Chemistry, 2017, 15, 75-81.	1.9	3
160	Influence of the Post-Harvest Storage Time on the Multi-Biological Potential, Phenolic and Pyrrolizidine Alkaloid Content of Comfrey (Symphytum officinale L.) Roots Collected from Different European Regions. Plants, 2021, 10, 1825.	3.5	3
161	Neurobehavioral properties of Cymbopogon essential oils and its components. Phytochemistry Reviews, 0, , 1.	6.5	3
162	Phytochemical Profile and Biological Activity of the Ethanolic Extract from the Aerial Part of Crocus alatavicus Regel & Semen Growing Wildly in Southern Kazakhstan. Molecules, 2022, 27, 3468.	3.8	3

#	Article	IF	Citations
163	Chemical profile, antioxidant activity and cytotoxic effect of extract from leaves of Erythrochiton brasiliensis Nees & Mart. from different regions of Europe. Open Chemistry, 2017, 15, 380-388.	1.9	2
164	Lensoside AÎ² as an Adjuvant to the Anti-Glioma Potential of Sorafenib. Cancers, 2021, 13, 2637.	3.7	2
165	Liquid-Liquid Chromatography Separation of Guaiane-Type Sesquiterpene Lactones from Ferula penninervis Regel & Schmalh. and Evaluation of Their In Vitro Cytotoxic and Melanin Inhibitory Potential. International Journal of Molecular Sciences, 2021, 22, 10717.	4.1	2
166	Characterization of Triterpene Saponin Composition of White, Yellow and Red Beetroot (<i>Beta) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.7	2
167	Volatile Constituents of Ocimum minimum Herb Cultivated in Portugal. Natural Product Communications, 2009, 4, 1934578X0900401.	0.5	1
168	Matrix Solid-Phase DispersionversusUltrasound Assisted Extraction with Solid-Phase Extraction in the HPLC Analysis of Furanocoumarins from Fruits ofArchangelica officinalisHoffm.. Journal of the Brazilian Chemical Society, 2014, , .	0.6	1
169	Guest Editorial: International Symposium on Chromatography of Natural Products (ISCNP). Phytochemistry Letters, 2015, 11, 320.	1.2	1
170	Antipsychotic natural products. Annual Reports in Medicinal Chemistry, 2020, 55, 481-515.	0.9	1
171	Antimicrobial Activity and Polyphenol Profiles of Hydroalcoholic Extracts of Thymus rasitatus Klokov and Thymus eremita Klokov. Open Access Macedonian Journal of Medical Sciences, 2021, 9, 313-317.	0.2	1
172	Oznaczanie zawartoÅ›ci fukosterolu w nadkrytycznym ekstrakcie z morszczynu pÄ™cherzykowatego metodÄ... chromatografii w stanie nadkrytycznym. Przemysl Chemiczny, 2019, 1, 72-75.	0.0	1
173	Protein content in fruits of Peucedanum alsaticum and Peucedanum cervaria. Annales Universitatis Mariae Curie-Sklodowska Sectio DDD Pharmacia, 2009, 22, 155-158.	0.1	1
174	Volatile constituents of Ocimum minimum herb cultivated in Portugal. Natural Product Communications, 2009, 4, 1383-6.	0.5	1
175	The effect of selected furanocoumarins on the spontaneous motoric activity of rat isolated intestine strips. Toxicology Letters, 2013, 221, S161-S162.	0.8	0
176	Effects of xanthotoxin on the anticonvulsant action of various second-generation antiepileptic drugs in the maximal electroshock-induced seizure test in mice. Pharmacological Reports, 2015, 67, 25-26.	3.3	0
177	Development of an Efficient Protocol for Cimifugin Isolation from Peucedanum schottii and Evaluation of Enzyme Inhibitory Activity. Natural Product Communications, 2016, 11, 1934578X1601100.	0.5	0
178	Guest Editorial: International Symposium on Chromatography of Natural Products (ISCNP). Phytochemistry Letters, 2017, 20, 306-308.	1.2	0
179	Phenolic acids in fruits of Peucedanum alsaticum-Antioxidant activity. Planta Medica, 2008, 74, .	1.3	0
180	Applications of Thin Layer Chromatography in the analysis and isolation of coumarins derived from medicinal plants. Current Issues in Pharmacy and Medical Sciences, 2012, 25, 418-425.	0.4	0

#	Article	IF	Citations
181	Hsps responsible for apoptosis induction failure in cervical cancer cells upon osthole and tamoxifen treatment. Postepy Higieny I Medycyny Doswiadczalnej, 2019, 73, 563-571.	0.1	0
182	Phyloactivity-based screening of coumarin-containing plants against Trypanosoma cruzi and target identification. Planta Medica, 2021, 87, .	1.3	0
183	Isolation of CNS active natural products â€“ challenges and opportunities. Planta Medica, 2021, 87, .	1.3	0