WiesÅ‚aw A Oleszek

List of Publications by Year
in descending order

179 papers	7,248 citations	53794 45 h-index	69250 77 g-index
184 all docs	184 docs citations	184 times ranked	7840 citing authors

#	Article	IF	Citations
1	Antioxidant and Antiradical Activities of Flavonoids. Journal of Agricultural and Food Chemistry, 2001, 49, 2774-2779.	5.2	934
2	Phenolic compounds and their changes in apples during maturation and cold storage. Journal of Agricultural and Food Chemistry, 1990, 38, 945-948.	5.2	232
3	Effect of Processing on the Flavonoid Content in Buckwheat (Fagopyrum esculentum MÃ¶nch) Grain. Journal of Agricultural and Food Chemistry, 1999, 47, 4384-4387.	5.2	195
4	Flavonoids from Vernonia amygdalina and their antioxidant activities. Journal of Agricultural and Food Chemistry, 1994, 42, 2445-2448.	5.2	177
5	Influence of Cultivar, Maturity Stage, and Storage Conditions on Phenolic Composition and Enzymic Browning of Pear Fruits. Journal of Agricultural and Food Chemistry, 1995, 43, 1132-1137.	5.2	171
6	Quali-quantitative Analyses of Flavonoids of Morus nigra L. and Morus alba L. (Moraceae) Fruits. Journal of Agricultural and Food Chemistry, 2008, 56, 3377-3380.	5.2	144
7	Plant components with specific activities against rumen methanogens. Animal, 2013, 7, 253-265.	3.3	127
8	Dietary plant bioactives for poultry health and productivity. British Poultry Science, 2010, 51, 461-487.	1.7	121
9	Identification of some phenolic compounds in apples. Journal of Agricultural and Food Chemistry, 1988, 36, 430-432.	5.2	118
10	Tentative Characterization of Polyphenolic Compounds in the Male Flowers of Phoenix dactylifera by Liquid Chromatography Coupled with Mass Spectrometry and DFT. International Journal of Molecular Sciences, 2017, 18, 512.	4.1	116
11	Alfalfa (Medicago sativaL.) Flavonoids. 1. Apigenin and Luteolin Glycosides from Aerial Parts. Journal of Agricultural and Food Chemistry, 2001, 49, 753-758.	5.2	115
12	Extraction and determination of capsaicinoids in fruit of hot pepper Capsicum annuum L. by spectrophotometry and high-performance liquid chromatography. Food Chemistry, 2000, 71, 287-291.	8.2	114
13	Distribution of steroidal saponins in Tribulus terrestris from different geographical regions. Phytochemistry, 2008, 69, 176-186.	2.9	114
14	The effects of jasmonic acid and methyl jasmonate on rosmarinic acid production in MenthaÂÃ—Âpiperita cell suspension cultures. Plant Cell, Tissue and Organ Culture, 2012, 108, 73-81.	2.3	114
15	Isolation and identification of alfalfa (Medicago sativa L.) root saponins: their activity in relation to a fungal bioassay. Journal of Agricultural and Food Chemistry, 1990, 38, 1810-1817.	5.2	108
16	The protein quality control system manages plant defence compound synthesis. Nature, 2013, 504, 148-152.	27.8	99
17	Zahnic acid tridesmoside and other dominant saponins from alfalfa (Medicago sativa L.) aerial parts. Journal of Agricultural and Food Chemistry, 1992, 40, 191-196.	5.2	94
18	Saponins and Phenolics of Yucca schidigera Roezl: Chemistry and Bioactivity. Phytochemistry Reviews, 2005, 4, 177-190.	6.5	93

#	ARTICLE	IF	CITATIONS
19	Comparative anti-platelet and antioxidant properties of polyphenol-rich extracts from: berries ofAronia melanocarpa, seeds of grape and bark ofYucca schidigerain vitro. Platelets, 2008, 19, 70-77.	2.3	93
20	Isolation and structure elucidation of flavonoid and phenolic acid glycosides from pericarp of hot pepper fruit Capsicum annuum L.. Phytochemistry, 2003, 63, 893-898.	2.9	87
21	YuccaschidigeraBark:Â Phenolic Constituents and Antioxidant Activity. Journal of Natural Products, 2004, 67, 882-885.	3.0	86
22	Approach to develop a standardized TLC-DPPH test for assessing free radical scavenging properties of selected phenolic compounds. Journal of Pharmaceutical and Biomedical Analysis, 2012, 70, 126-135.	2.8	86
23	Herbivore-induced responses in alfalfa (Medicago sativa). Journal of Chemical Ecology, 2003, 29, 303-320.	1.8	83
24	Alfalfa (Medicago sativaL.) Flavonoids. 2. Tricin and Chrysoeriol Glycosides from Aerial Parts. Journal of Agricultural and Food Chemistry, 2001, 49, 5310-5314.	5.2	82
25	Saponins in Alfalfa (Medicago sativaL.) Root and Their Structural Elucidation. Journal of Agricultural and Food Chemistry, 1999, 47, 3185-3192.	5.2	77
26	Triterpene saponins and flavonoids in the seeds of Trifolium species. Phytochemistry, 2002, 61, 165-170.	2.9	76
27	Concentration of Isoflavones and Other Phenolics in the Aerial Parts of Trifolium Species. Journal of Agricultural and Food Chemistry, 2007, 55, 8095-8100.	5.2	71
28	Flavonoids in Horse Chestnut (Aesculus hippocastanum) Seeds and Powdered Waste Water Byproducts. Journal of Agricultural and Food Chemistry, 2007, 55, 8485-8490.	5.2	71
29	Cytotoxic, antioxidant, antimicrobial properties and chemical composition of rose petals. Journal of the Science of Food and Agriculture, 2014, 94, 560-567.	3.5	71
30	Dietary Phytochemicals and Human Health. Advances in Experimental Medicine and Biology, 2010, 698, 74-98.	1.6	70
31	Identification of Some Phenolics in Pear Fruit. Journal of Agricultural and Food Chemistry, 1994, 42, 1261-1265.	5.2	69
32	Determination and Toxicity of Saponins fromAmaranthus cruentusSeeds. Journal of Agricultural and Food Chemistry, 1999, 47, 3685-3687.	5.2	67
33	Steroidal Saponins of Yucca schidigera Roezl.. Journal of Agricultural and Food Chemistry, 2001, 49, 4392-4396.	5.2	64
34	Phenolic acid concentrations in organically and conventionally cultivated spring and winter wheat. Journal of the Science of Food and Agriculture, 2011, 91, 1089-1095.	3.5	63
35	Resveratrol and Other Phenolics from the Bark ofYuccaschidigeraRoezl.. Journal of Agricultural and Food Chemistry, 2001, 49, 747-752.	5.2	62
36	Profiles analysis of proanthocyanidins in the argun nut (Medemia argun-an ancient Egyptian palm) by LC-ESI-MS/MS. Journal of Mass Spectrometry, 2014, 49, 306-315.	1.6	60

#	Article	IF	Citations
37	Flavonoids from Barrel Medic (Medicago truncatula) Aerial Parts. Journal of Agricultural and Food Chemistry, 2007, 55, 2645-2652.	5.2	58
38	Animal by-products for feed: characteristics, European regulatory framework, and potential impacts on human and animal health and the environment. Journal of Animal and Feed Sciences, 2016, 25, 189-202.	1.1	57
39	Determination of Saponins in Aerial Parts of Barrel Medic (Medicago truncatula) by Liquid Chromatographyâ^'Electrospray Ionization/Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2005, 53, 7654-7660.	5.2	55
40	Determination of Polyphenols in Mentha longifolia and M. piperita Field-Grown and In Vitro Plant Samples Using UPLC-TQ-MS. Journal of AOAC INTERNATIONAL, 2011, 94, 43-50.	1.5	53
41	Triterpene Saponins from Barrel Medic (Medicago truncatula) Aerial Parts. Journal of Agricultural and Food Chemistry, 2005, 53, 2164-2170.	5.2	52
42	Antimutagenic and anti-oxidant activities of isoflavonoids from Belamcanda chinensis (L.) DC. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2010, 696, 148-153.	1.7	50
43	Cardenolide Glycosides from Pergularia tomentosa and Their Proapoptotic Activity in Kaposi's Sarcoma Cells. Journal of Natural Products, 2006, 69, 1319-1322.	3.0	49
44	Relative effects of phenolic constituents from Yucca schidigera Roezl. bark on Kaposi's sarcoma cell proliferation, migration, and PAF synthesis. Biochemical Pharmacology, 2006, 71, 1479-1487.	4.4	49
45	Strong antioxidant phenolics from Acacia nilotica: Profiling by ESI-MS and qualitativeâ€“quantitative determination by LCâ€“ESI-MS. Journal of Pharmaceutical and Biomedical Analysis, 2011, 56, 228-239.	2.8	47
46	Combined Effects of Elevated Co2and Herbivore Damage on Alfalfa and Cotton. Journal of Chemical Ecology, 2004, 30, 2309-2324.	1.8	46
47	The Effect of Nutritional Factors and Plant Growth Regulators on Micropropagation and Production of Phenolic Acids and Saponins from Plantlets and Adventitious Root Cultures of Eryngium maritimum L.. Journal of Plant Growth Regulation, 2014, 33, 809-819.	5.1	46
48	Allelopathic potentials of alfalfa (Medicago sativa) saponins: Their relation to antifungal and hemolytic activities. Journal of Chemical Ecology, 1993, 19, 1063-1074.	1.8	45
49	Changes of Cyanogenic Glucosides in White Clover (Trifolium repensL.) during the Growing Season. Journal of Agricultural and Food Chemistry, 1997, 45, 4333-4336.	5.2	44
50	Determination of Alfalfa (Medicago sativa) Saponins by High-Performance Liquid Chromatography. Journal of Agricultural and Food Chemistry, 1994, 42, 727-730.	5.2	43
51	Anti-platelet effects of different phenolic compounds from Yucca schidigera Roezl. Bark. Platelets, 2002, 13, 167-173.	2.3	42
52	Fragmentation pathways of acylated flavonoid diglucuronides from leaves of Medicago truncatula. Phytochemical Analysis, 2010, 21, 224-233.	2.4	41
53	High-performance liquid chromatography of alfalfa root saponins. Journal of Chromatography A, 1990, 519, 109-116.	3.7	40
54	Inhibition of oxidative stress in blood platelets by different phenolics from Yucca schidigera Roezl. bark. Nutrition, 2003, 19, 633-640.	2.4	39

#	Article	IF	Citations
55	Inhibition of inducible nitric oxide synthase expression by yuccaol C from Yucca schidigera roezl. Life Sciences, 2004, 75, 1491-1501.	4.3	38
56	Flavonoids from Pinus sylvestris needles and their variation in trees of different origin grown for nearly a century at the same area. Biochemical Systematics and Ecology, 2002, 30, 1011-1022.	1.3	37
57	Elevated CO2levels and herbivore damage alter host plant preferences. Oikos, 2006, 112, 63-72.	2.7	37
58	Free Radical Scavenging Activities of Polyphenolic Compounds Isolated from Medicago sativa and Medicago truncatula Assessed by Means of Thinâ€layer Chromatography DPPHË™ Rapid Test. Phytochemical Analysis, 2013, 24, 47-52.	2.4	37
59	Acylated apigenin glycosides from alfalfa (Medicago sativa L.) var. Artal. Phytochemistry, 2001, 57, 1223-1226.	2.9	36
60	Effects of Some Benzoxazinoids on in Vitro Growth ofCephalosporium gramineumand Other Fungi Pathogenic to Cereals and onCephalosporiumStripe of Winter Wheat. Journal of Agricultural and Food Chemistry, 2006, 54, 1036-1039.	5.2	36
61	Alfalfa Saponins: Structure, Biological Activity, and Chemotaxonomy. Advances in Experimental Medicine and Biology, 1996, 405, 155-170.	1.6	35
62	Concentration of Benzoxazinoids in Roots of Field-Grown Wheat (Triticum aestivum L.) Varieties. Journal of Agricultural and Food Chemistry, 2006, 54, 1016-1022.	5.2	34
63	Inhibition of blood platelet adhesion and secretion by different phenolics from Yucca schidigera Roezl. bark. Nutrition, 2005, 21, 199-206.	2.4	33
64	An Extract from Berries ofAronia melanocarpaModulates the Generation of Superoxide Anion Radicals in Blood Platelets from Breast Cancer Patients. Planta Medica, 2009, 75, 1405-1409.	1.3	33
65	Aronia melanocarpa extract suppresses the biotoxicity of homocysteine and its metabolite on the hemostatic activity of fibrinogen and plasma. Nutrition, 2012, 28, 793-798.	2.4	33
66	Rumen antimethanogenic effect ofSaponaria officinalisL. phytochemicalsin vitro. Journal of Agricultural Science, 2014, 152, 981-993.	1.3	33
67	Effects of berry seed residues on ruminal fermentation, methane concentration, milk production, and fatty acid proportions in the rumen and milk of dairy cows. Journal of Dairy Science, 2019, 102, 1257-1273.	3.4	32
68	Molecular modeling and in vitro approaches towards cholinesterase inhibitory effect of some natural xanthohumol, naringenin, and acyl phloroglucinol derivatives. Phytomedicine, 2018, 42, 25-33.	5.3	29
69	Clovamide-rich extract from Trifolium pallidum reduces oxidative stress-induced damage to blood platelets and plasma. Journal of Physiology and Biochemistry, 2011, 67, 391-399.	3.0	28
70	Structural specificity of alfalfa (Medicago sativa) Saponin Haemolysis and Its Impact on Two Haemolysis based Quantification Methods. Journal of the Science of Food and Agriculture, 1990, 53, 477-485.	3.5	27
71	Triterpenoid saponins from the seeds of amaranthus cruentus. Phytochemistry, 1998, 49, 195-198.	2.9	26
72	The polyphenol-rich extracts from black chokeberry and grape seeds impair changes in the platelet adhesion and aggregation induced by a model of hyperhomocysteinemia. European Journal of Nutrition, 2013, 52, 1049-1057.	3.9	26

#	ARTICLE	IF	CITATIONS
73	Isolation, Chemical and Free Radical Scavenging Characterization of Phenolics from Trifolium scabrum L. Aerial Parts. Journal of Agricultural and Food Chemistry, 2013, 61, 4417-4423.	5.2	26
74	Activity of Saponins from Medicago Species against Phytoparasitic Nematodes. Plants, 2020, 9, 443.	3.5	26
75	Steroidal saponins from the aerial parts of Tribulus pentandrus Forssk. Phytochemistry, 2004, 65, 2935-2945.	2.9	25
76	Phenolic fractions from Trifolium pallidum and Trifolium scabrum aerial parts in human plasma protect against changes induced by hyperhomocysteinemia in vitro. Food and Chemical Toxicology, 2012, 50, 4023-4027.	3.6	25
77	Composition and Quantitation of Saponins in Alfalfa (Medicago sativaL.) Seedlings. Journal of Agricultural and Food Chemistry, 1998, 46, 960-962.	5.2	23
78	Qualitative and Quantitative Analysis of Steroidal Saponins in Crude Extract and Bark Powder ofYucca schidigeraRoezl.. Journal of Agricultural and Food Chemistry, 2011, 59, 8058-8064.	5.2	23
79	The nitrative and oxidative stress in blood platelets isolated from breast cancer patients: The protectory action ofaronia melanocarpaextract. Platelets, 2010, 21, 541-548.	2.3	22
80	Effects of polyphenol-rich extract from berries ofAronia melanocarpaon the markers of oxidative stress and blood platelet activation. Platelets, 2010, 21, 274-281.	2.3	22
81	Rapid analysis of avenacosides in grain and husks of oats by UPLCâ€“TQâ€“MS. Food Chemistry, 2013, 141, 2300-2304.	8.2	22
82	Three new triterpene saponins from roots of Eryngium planum. Natural Product Research, 2014, 28, 653-660.	1.8	22
83	Structural and quantitative changes of saponins in fresh alfalfa compared to alfalfa silage. Journal of the Science of Food and Agriculture, 2019, 99, 2243-2250.	3.5	22
84	Oleanane glycosides from the roots of Alhagi maurorum. Phytochemistry Letters, 2012, 5, 782-787.	1.2	21
85	The polyphenol-rich extract from grape seeds inhibits platelet signaling pathways triggered by both proteolytic and non-proteolytic agonists. Platelets, 2012, 23, 282-289.	2.3	21
86	Antiradical and antioxidant activity in vitro of hops-derived extracts rich in bitter acids and xanthohumol. Industrial Crops and Products, 2021, 161, 113208.	5.2	21
87	Antiproliferative Hopane and Oleanane Glycosides from the Roots ofGlinus lotoides. Planta Medica, 2005, 71, 554-560.	1.3	20
88	Revised structures of avenacosides A and B and a new sulfated saponin from Avena sativa L.. Magnetic Resonance in Chemistry, 2012, 50, 755-758.	1.9	20
89	The potential of the wild dog rose (<i>Rosa canina</i>) to mitigate <i>in vitro</i> rumen methane production. Journal of Animal and Feed Sciences, 2011, 20, 285-299.	1.1	20
90	Comparative studies of the antioxidant effects of a naturally occurring resveratrol analogue â€“ trans-3,3â€²,5,5â€²-tetrahydroxy-4â€²-methoxystilbene and resveratrol â€“ against oxidation and nitration of biomolecules in blood platelets. Cell Biology and Toxicology, 2008, 24, 331-340.	5.3	19

#	Article	IF	Citations
91	The extract from hop cones (Humulus lupulus) as a modulator of oxidative stress in blood platelets. Platelets, 2011, 22, 345-352.	2.3	19
92	COMPARISON OF TWO TLC-DPPH^{â€¢}-IMAGE PROCESSING PROCEDURES FOR STUDYING FREE RADICAL SCAVENGING ACTIVITY OF COMPOUNDS FROM SELECTED VARIETIES OF MEDICAGO SATIVA. Journal of Liquid Chromatography and Related Technologies, 2013, 36, 2387-2394.	1.0	19
93	Determination of free amino acids in plants by liquid chromatography coupled to tandem mass spectrometry (LC-MS/MS). Analytical Methods, 2015, 7, 7574-7581.	2.7	19
94	Antioxidant properties of trans-3,3â€²,5,5â€²-tetrahydroxy-4â€²-methoxystilbene against modification of variety of biomolecules in human blood cells treated with platinum compounds. Nutrition, 2006, 22, 1202-1209.	2.4	18
95	Influence of Phenolic Constituents from Yucca schidigera Bark on Arachidonate Metabolism in Vitro. Journal of Agricultural and Food Chemistry, 2008, 56, 8885-8890.	5.2	18
96	Integrated plant biotechnologies applied to safer and healthier food production: The Nutra-Snack manufacturing chain. Trends in Food Science and Technology, 2011, 22, 353-366.	15.1	18
97	Liquid chromatography/tandem mass spectrometry of unusual phenols fromYucca schidigera bark: comparison with other analytical techniques. Journal of Mass Spectrometry, 2004, 39, 1131-1138.	1.6	17
98	Isolation, Chemical Characterization, and Free Radical Scavenging Activity of Phenolics from Triticum aestivum L. Aerial Parts. Journal of Agricultural and Food Chemistry, 2014, 62, 11200-11208.	5.2	17
99	Evaluation of rose roots, a post-harvest plantation residue as a source of phytochemicals with radical scavenging, cytotoxic, and antimicrobial activity. Industrial Crops and Products, 2015, 69, 129-136.	5.2	17
100	Multidirectional characterisation of chemical composition and health-promoting potential of Rosa rugosa hips. Natural Product Research, 2017, 31, 667-671.	1.8	17
101	Triterpenoid Components from Oak Heartwood (Quercus robur) and Their Potential Health Benefits. Journal of Agricultural and Food Chemistry, 2017, 65, 4611-4623.	5.2	17
102	Antioxidative effects of extracts from Trifolium species on blood platelets exposed to oxidative stress. Journal of Physiology and Biochemistry, 2013, 69, 879-887.	3.0	16
103	Hyaluronidase, acetylcholinesterase inhibiting potential, antioxidant activity, and LC-ESI-MS/MS analysis of polyphenolics of rose (Rosa rugosa Thunb.) teas and tinctures. International Journal of Food Properties, 2017, 20, S16-S25.	3.0	16
104	A novel phenolic spiro derivative, Yuccaone A, from Yucca schidigera bark. Tetrahedron Letters, 2002, 43, 9133-9136.	1.4	15
105	Changes of platelet antioxidative enzymes during oxidative stress: The protective effect of polyphenol-rich extract from berries ofAronia melanocarpaand grape seeds. Platelets, 2011, 22, 385-389.	2.3	15
106	Saponin Inventory from Argania spinosa Kernel Cakes by Liquid Chromatography and Mass Spectrometry. Phytochemical Analysis, 2013, 24, 616-622.	2.4	15
107	Î³-Pyrone compounds: flavonoids and maltol glucoside derivatives from Herniaria glabra L. collected in the Ternopil region of the Ukraine. Phytochemistry, 2018, 152, 213-222.	2.9	15
108	Gentisic acid conjugates of Medicago truncatula roots. Phytochemistry, 2009, 70, 1272-1276.	2.9	14

#	ARTICLE	IF	CITATIONS
109	A Mint Purified Extract Protects Human Keratinocytes from Short-Term, Chemically Induced Oxidative Stress. Journal of Agricultural and Food Chemistry, 2010, 58, 11428-11434.	5.2	14
110	Amides and Esters of Phenylpropenoic Acids from the Aerial Parts of Trifolium pallidum. Natural Product Communications, 2011, 6, 1934578X1100600.	0.5	14
111	Metabolite Profiling of Leek (Allium porrumL) Cultivars by1H NMR and HPLC-MS. Phytochemical Analysis, 2014, 25, 220-228.	2.4	14
112	Cytotoxic triterpenoids isolated from sweet chestnut heartwood (Castanea sativa) and their health benefits implication. Food and Chemical Toxicology, 2017, 109, 863-870.	3.6	14
113	Chemical Profile and Antioxidant Activity of Zinnia elegans Jacq. Fractions. Molecules, 2019, 24, 2934.	3.8	14
114	Profiles of Steroidal Saponins from the Aerial Parts of Tribulus pentandrus, T. megistopterus subsp. pterocarpus and T. parvispinus by LCâ€ESIâ€MS/MS. Phytochemical Analysis, 2012, 23, 613-621.	2.4	13
115	Isolation and Structural Determination of Triterpenoid Glycosides from the Aerial Parts of Alsike Clover (Trifolium hybridum L.). Journal of Agricultural and Food Chemistry, 2013, 61, 2631-2637.	5.2	13
116	The effect of total and individual alfalfa saponins on rumen methane production. Journal of the Science of Food and Agriculture, 2020, 100, 1922-1930.	3.5	13
117	Norditerpenoids with Selective Anti-Cholinesterase Activity from the Roots of Perovskia atriplicifolia Benth.. International Journal of Molecular Sciences, 2020, 21, 4475.	4.1	13
118	Isolation, chemical characterization and biological activity of alfalfa (Medicago media Pers.) root saponins. Acta Societatis Botanicorum Poloniae, 2014, 55, 23-33.	0.8	13
119	Determination of polyphenols in Mentha longifolia and M. piperita field-grown and in vitro plant samples using UPLC-TQ-MS. Journal of AOAC INTERNATIONAL, 2011, 94, 43-50.	1.5	13
120	Low-temperature thin-layer chromatography preliminary bioautographic tests for detection of free radical scavengers and acetylcholinesterase inhibitors in volatile samples. Journal of Planar Chromatography - Modern TLC, 2012, 25, 225-231.	1.2	12
121	Characterisation of four popular <scp>P</scp>olish hop cultivars. International Journal of Food Science and Technology, 2013, 48, 1770-1774.	2.7	12
122	Comparison of biological activity of phenolic fraction from roots ofAlhagi maurorumwith properties of commercial phenolic extracts and resveratrol. Platelets, 2015, 26, 788-794.	2.3	12
123	Isolation, chemical characterization and biological activity of red clover (Trifolium pratense L.) root saponins. Acta Societatis Botanicorum Poloniae, 2014, 55, 247-252.	0.8	12
124	Saponins in Food. , 2020, , 1-40.		12
125	The effect of Yucca schidigera extract on the physical structure and on the oxidative stability of sugar-candy foam products. LWT - Food Science and Technology, 2003, 36, 347-351.	5.2	11
126	Effect of aronia on thiol levels in plasma of breast cancer patients. Open Life Sciences, 2010, 5, 38-46.	1.4	11

#	ARTICLE	IF	CITATIONS
127	Trifolium pallidum and Trifolium scabrum extracts in the protection of human plasma components. Journal of Thrombosis and Thrombolysis, 2013, 35, 193-199.	2.1	11
128	Protective action of proanthocyanidin fraction fromMedemia argunnuts against oxidative/nitrative damages of blood platelet and plasma components. Platelets, 2014, 25, 75-80.	2.3	11
129	Triterpenoid saponins from the aerial parts of Trifolium argutum Sol. and their phytotoxic evaluation. Phytochemistry Letters, 2015, 13, 165-170.	1.2	11
130	Reinvestigation of Herniaria glabra L. saponins and their biological activity. Phytochemistry, 2020, 169, 112162.	2.9	11
131	The polyphenol-rich extract from grape seeds suppresses toxicity of homocysteine and its thiolactone on the fibrinolytic system. Thrombosis Research, 2011, 127, 489-491.	1.7	10
132	Triterpene Saponins from the Aerial Parts of Trifolium medium L. var. sarosiense. Journal of Agricultural and Food Chemistry, 2013, 61, 9789-9796.	5.2	10
133	Extracts fromTrifolium pallidumandTrifolium scabrumaerial parts as modulators of blood platelet adhesion and aggregation. Platelets, 2013, 24, 136-144.	2.3	10
134	New triterpenoid saponins from the roots of Saponaria officinalis. Natural Product Communications, 2013, 8, 1687-90.	0.5	10
135	Preface Dietary phytochemicals and human health. Phytochemistry Reviews, 2002, 1, 163-166.	6.5	9
136	Preliminaryin vitrostudy on the effect of xanthohumol on rumen methanogenesis. Archives of Animal Nutrition, 2012, 66, 66-71.	1.8	9
137	Phenolic fractions from nine Trifolium species modulate the coagulant properties of blood plasma in vitro without cytotoxicity towards blood cells. Journal of Pharmacy and Pharmacology, 2018, 70, 413-425.	2.4	9
138	Mentha longifolia in vitro cultures as safe source of flavouring ingredients.. Acta Biochimica Polonica, 2011, 58, .	0.5	9
139	The sensitivity of Trichoderma viride to medicagenic acid, its natural glucosides (saponins) and derivatives. Acta Societatis Botanicorum Poloniae, 2014, 57, 361-370.	0.8	9
140	Saponins in aerial parts of Helleborus viridis L.. Phytochemistry Letters, 2010, 3, 129-132.	1.2	8
141	Ultraperformance Liquid Chromatography Tandem Mass Spectrometry Determination of Cyanogenic Glucosides in Trifolium Species. Journal of Agricultural and Food Chemistry, 2014, 62, 1777-1782.	5.2	8
142	Highly Polar Triterpenoid Saponins from the Roots ofSaponaria officinalisL.. Helvetica Chimica Acta, 2016, 99, 347-354.	1.6	8
143	Yuccalechins Aâ€“C from the Yucca schidigera Roezl ex Ortgies Bark: Elucidation of the Relative and Absolute Configurations of Three New Spirobiflavonoids and Their Cholinesterase Inhibitory Activities. Molecules, 2019, 24, 4162.	3.8	8
144	Triterpene saponins from the aerial parts of Dianthus caryophyllus var. remontant Hort.. Acta Societatis Botanicorum Poloniae, 2014, 67, 65-68.	0.8	8

#	Article	IF	Citations
145	The anti-adhesive and anti-aggregatory effects of phenolics from Trifolium species in vitro. Molecular and Cellular Biochemistry, 2016, 412, 155-164.	3.1	7
146	Determination of phenolic profiles of Herniaria polygama and Herniaria incana fractions and their in vitro antioxidant and anti-inflammatory effects. Phytochemistry, 2021, 190, 112861.	2.9	7
147	In vitro production of M. Ã— piperita not containing pulegone and menthofuran.. Acta Biochimica Polonica, 2012, 59, .	0.5	7
148	Studies on Medicago lupulina saponins. 2. Isolation, chemical characterization and biological activity of saponins from M. lupulina tops. Acta Societatis Botanicorum Poloniae, 2014, 53, 527-533.	0.8	7
149	Studies on Medicago lupulina saponins. 4. Variation in the saponin content of M. lupulina. Acta Societatis Botanicorum Poloniae, 2014, 53, 543-550.	0.8	7
150	Biocontrol Potential and Catabolic Profile of Endophytic Diaporthe eres Strain 1420S from Prunus domestica L. in Polandâ€”A Preliminary Study. Agronomy, 2022, 12, 165.	3.0	7
151	Variation in Flavonoids in Leaves, Stems and Flowers of White Clover Cultivars. Natural Product Communications, 2008, 3, 1934578X0800300.	0.5	6
152	New Triterpenoid Saponins from the Roots of Saponaria officinalis. Natural Product Communications, 2013, 8, 1934578X1300801.	0.5	6
153	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
154	Phenolics in Aerial Parts of Persian Clover: Trifolium resupinatum. Natural Product Communications, 2009, 4, 1934578X0900401.	0.5	5
155	Evaluation of polyphenolic fraction isolated from aerial parts ofTribulus pterocarpuson biological properties of blood plateletsin vitro. Platelets, 2013, 24, 156-161.	2.3	5
156	Elicitation of Anthocyanin Production in Roots of Kalanchoe blossfeldiana by Methyl Jasmonate. Acta Biologica Cracoviensia Series Botanica, 2015, 57, 141-148.	0.5	5
157	Serjanic Acid Glycosides from Chenopodium hybridum L. with Good Cytotoxicity and Selectivity Profile against Several Panels of Human Cancer Cell Lines. Molecules, 2021, 26, 4915.	3.8	5
158	Comparison of Phenolic Metabolites in Purified Extracts of Three Wild-Growing Herniaria L. Species and Their Antioxidant and Anti-Inflammatory Activities In Vitro. Molecules, 2022, 27, 530.	3.8	5
159	Phenolic Constituents of Knautia arvensis Aerial Parts. Natural Product Communications, 2011, 6, 1934578X1100601.	0.5	4
160	Extracts fromTribulusspecies may modulate platelet adhesion by interfering with arachidonic acid metabolism. Platelets, 2015, 26, 87-92.	2.3	4
161	Cytotoxic Cardenolides from the Leaves of Acokanthera oblongifolia. Planta Medica, 2019, 85, 965-972.	1.3	4
162	Gas chromatography-mass spectrometry (GM-MS) analysis and biological activities of the aerial part of Cleome amblyocarpa Barr. and Murb. Environmental Science and Pollution Research, 2020, 27, 22670-22679.	5.3	4

#	Article	IF	Citations
163	The extract from hop cones in plasma protects against changes following exposure to peroxynitrite. Open Life Sciences, 2011, 6, 990-996.	1.4	3
164	Free amino acids in Viola tricolor in relation to different habitat conditions. Open Chemistry, 2018, 16, 833-841.	1.9	3
165	GC-MS analysis of aroma of Medemia argun (mama-n-khanen or mama-n-xanin), an ancient Egyptian fruit palm. Natural Product Communications, 2012, 7, 633-6.	0.5	3
166	The Influence of High-Intensity Ultrasonication on Properties of Cellulose Produced from the Hop Stems, the Byproduct of the Hop Cones Production. Molecules, 2022, 27, 2624.	3.8	3
167	Effect of Acylation of Flavones with Hydroxycinnamic Acids on their Spectral Characteristics. Natural Product Communications, 2007, 2, 1934578X0700200.	0.5	2
168	GC-MS Analysis of Aroma of Medemia argun (Mama-n-Khanen or Mama-n-Xanin), an Ancient Egyptian Fruit Palm. Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	2
169	Fingerprinting of two an acylated polyoxypregnane glycosides from Caralluma quadrangula (Forssk.) N.E.Br. using UPLC-ESI-Q-TOF and computational study. Natural Product Research, 2021, , 1-5.	1.8	2
170	Studies on Medicago lupulina saponins. 6. Some chemical characteristics and biological activity of root saponins. Acta Societatis Botanicorum Poloniae, 2014, 56, 119-126.	0.8	2
171	Flavonoids from Vernonia amygdalina and their antioxidant activities. [Erratum to document cited in CA121:251243]. Journal of Agricultural and Food Chemistry, 1995, 43, 1420-1420.	5.2	1
172	Quantitative Analysis of Caffeoylquinic Acids and Styrylpyrones in Sweetia panamensis Bark by UPLC. Chromatographia, 2009, 70, 1621-1626.	1.3	1
173	Comparative antiadhesive properties of crude extract and phenolic fraction isolated from aerial parts of Tribulus pterocarpus during severe hyperhomocysteinemia. Food and Chemical Toxicology, 2013, 56, 266-271.	3.6	1
174	Electrospray ionization mass spectrometry characterization of ubiquitous minor lipids and oligosaccharides in milk of the camel (Camelus dromedarius) and their inhibition of oxidative stress in human plasma. Journal of Dairy Science, 2020, 103, 72-86.	3.4	1
175	Fingerprinting profile of flavonol glycosides from Bassia eriophora using negative electrospray ionization, computational studies and their antioxidant activities. Journal of Molecular Structure, 2021, 1241, 130689.	3.6	1
176	Saponins in Food. , 2021, , 1501-1540.		1
177	Studies on Medicago lupulina saponins. 3. Effect of M. lupulina saponins on the growth and feed utilization by mice. Acta Societatis Botanicorum Poloniae, 2014, 53, 535-541.	0.8	1
178	Comprehensive polyoxypregnane glycosides report in Caralluma quadrangula using UPLCâ€“ESIâ€“Qâ€“TOF and their antioxidant effects in human plasma. Biomedicine and Pharmacotherapy, 2022, 150, 112954.	5.6	1
179	Comparative studies of the antioxidant effects of a naturally occurring resveratrol analogue â€“ trans-3,3â€²,5,5â€²-tetrahydroxy-4â€²-methoxystilbene and resveratrol â€“ against oxidation and nitration of biomolecules in blood platelets. , 2007, , 51-60.		0