

Monika Anna Olszewska

List of Publications by Year in descending order

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69
papers

1,236
citations

361413

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h-index

454955

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69
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69
docs citations

69
times ranked

1397
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#	ARTICLE	IF	CITATIONS
1	UHPLC-PDA-ESI-MS profile of phenolic compounds in the aerial parts of <i>Cuphea ingrata</i> Cham. & Schtdl.. <i>Natural Product Research</i> , 2022, 36, 3721-3725.	1.8	1
2	The Antioxidant, Cytotoxic and Antimicrobial Potential of Phenolic Acids-Enriched Extract of Elicited Hairy Roots of <i>Salvia bulleyana</i> . <i>Molecules</i> , 2022, 27, 992.	3.8	10
3	Polyphenol-Enriched Extracts of <i>Prunus spinosa</i> Fruits: Anti-Inflammatory and Antioxidant Effects in Human Immune Cells Ex Vivo in Relation to Phytochemical Profile. <i>Molecules</i> , 2022, 27, 1691.	3.8	16
4	Polyphenols and Maillard Reaction Products in Dried <i>Prunus spinosa</i> Fruits: Quality Aspects and Contribution to Anti-Inflammatory and Antioxidant Activity in Human Immune Cells Ex Vivo. <i>Molecules</i> , 2022, 27, 3302.	3.8	11
5	The Effect of Standardised Leaf Extracts of <i>Gaultheria procumbens</i> on Multiple Oxidants, Inflammation-Related Enzymes, and Pro-Oxidant and Pro-Inflammatory Functions of Human Neutrophils. <i>Molecules</i> , 2022, 27, 3357.	3.8	8
6	In Vitro Strategy for the Enhancement of the Production of Bioactive Polyphenols in Transformed Roots of <i>Salvia bulleyana</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 7771.	4.1	6
7	Identification and quantification of phenolic compounds in <i>Salvia cadmica</i> Boiss. and their biological potential. <i>Industrial Crops and Products</i> , 2021, 160, 113113.	5.2	16
8	Lipophilic extracts from leaves, inflorescences and fruits of <i>Prunus padus</i> L. as potential sources of corosolic, ursolic and oleanolic acids with anti-inflammatory activity. <i>Natural Product Research</i> , 2021, 35, 2263-2268.	1.8	7
9	The Effects of <i>Prunus spinosa</i> L. Flower Extracts, Model Polyphenols and Phenolic Metabolites on Oxidative/Nitrative Modifications of Human Plasma Components with Particular Emphasis on Fibrinogen In Vitro. <i>Antioxidants</i> , 2021, 10, 581.	5.1	8
10	Potential Activity Mechanisms of <i>Aesculus hippocastanum</i> Bark: Antioxidant Effects in Chemical and Biological In Vitro Models. <i>Antioxidants</i> , 2021, 10, 995.	5.1	13
11	Novel insight into biological activity and phytochemical composition of <i>Sorbus aucuparia</i> L. fruits: Fractionated extracts as inhibitors of protein glycation and oxidative/nitrative damage of human plasma components. <i>Food Research International</i> , 2021, 147, 110526.	6.2	12
12	Therapeutic potential of chastetree (<i>Vitex agnus-castus</i>) in gynecological diseases – a review of the current state of knowledge. <i>Farmacja Polska</i> , 2021, 77, 491-502.	0.1	0
13	Cytokinin-Based Tissue Cultures for Stable Medicinal Plant Production: Regeneration and Phytochemical Profiling of <i>Salvia bulleyana</i> Shoots. <i>Biomolecules</i> , 2021, 11, 1513.	4.0	18
14	Screening for the Active Anti-Inflammatory and Antioxidant Polyphenols of <i>Gaultheria procumbens</i> and Their Application for Standardisation: From Identification through Cellular Studies to Quantitative Determination. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11532.	4.1	8
15	Bioactivity Potential of <i>Aesculus hippocastanum</i> L. Flower: Phytochemical Profile, Antiradical Capacity and Protective Effects on Human Plasma Components under Oxidative/Nitrative Stress In Vitro. <i>Pharmaceuticals</i> , 2021, 14, 1301.	3.8	3
16	The Effects of <i>Sorbus aucuparia</i> L. Fruit Extracts on Oxidative/Nitrative Modifications of Human Fibrinogen, Impact on Enzymatic Properties of Thrombin, and Hyaluronidase Activity In Vitro. <i>Antioxidants</i> , 2021, 10, 2009.	5.1	3
17	Development and validation of UHPLC-PDA method for simultaneous determination of bioactive polyphenols of horse-chestnut bark using numerical optimization with MS Excel Solver. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 190, 113544.	2.8	7
18	Seasonal variation in phenylpropanoid biosynthesis and in vitro antioxidant activity of <i>Sorbus domestica</i> leaves: Harvesting time optimisation for medicinal application. <i>Industrial Crops and Products</i> , 2020, 156, 112858.	5.2	17

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19	Variability of sinapic acid derivatives during germination and their contribution to antioxidant and anti-inflammatory effects of broccoli sprouts on human plasma and human peripheral blood mononuclear cells. <i>Food and Function</i> , 2020, 11, 7231-7244.	4.6	21
20	Phytochemical Profile and Antioxidant Activity of Aerial and Underground Parts of <i>Salvia bulleyana</i> Diels. <i>Plants. Metabolites</i> , 2020, 10, 497.	2.9	15
21	Biological and chemical insight into <i>Gaultheria procumbens</i> fruits: a rich source of anti-inflammatory and antioxidant salicylate glycosides and procyanidins for food and functional application. <i>Food and Function</i> , 2020, 11, 7532-7544.	4.6	6
22	Establishment of hairy root cultures of <i>Salvia bulleyana</i> Diels for production of polyphenolic compounds. <i>Journal of Biotechnology</i> , 2020, 318, 10-19.	3.8	30
23	Data on the optimization and validation of HPLC-PDA method for quantification of thirty polyphenols in blackthorn flowers and dry extracts prepared thereof. <i>Data in Brief</i> , 2020, 29, 105319.	1.0	6
24	Simultaneous quantification of thirty polyphenols in blackthorn flowers and dry extracts prepared thereof: HPLC-PDA method development and validation for quality control. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 184, 113121.	2.8	16
25	Contribution of Individual Polyphenols to Antioxidant Activity of <i>Cotoneaster bullatus</i> and <i>Cotoneaster zabelii</i> Leaves—Structural Relationships, Synergy Effects and Application for Quality Control. <i>Antioxidants</i> , 2020, 9, 69.	5.1	14
26	<i>Sorbus domestica</i> Leaf Extracts and Their Activity Markers: Antioxidant Potential and Synergy Effects in Scavenging Assays of Multiple Oxidants. <i>Molecules</i> , 2019, 24, 2289.	3.8	25
27	Salicylate and Procyanidin-Rich Stem Extracts of <i>Gaultheria procumbens</i> L. Inhibit Pro-Inflammatory Enzymes and Suppress Pro-Inflammatory and Pro-Oxidant Functions of Human Neutrophils Ex Vivo. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1753.	4.1	22
28	The Effect of Standardised Flower Extracts of <i>Sorbus aucuparia</i> L. on Proinflammatory Enzymes, Multiple Oxidants, and Oxidative/Nitrative Damage of Human Plasma Components In Vitro. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-18.	4.0	9
29	Polyphenolic profile, antioxidant activity, and pro-inflammatory enzymes inhibition of leaves, flowers, bark and fruits of <i>Cotoneaster integerrimus</i> : A comparative study. <i>Phytochemistry Letters</i> , 2019, 30, 349-355.	1.2	15
30	New insights into antioxidant activity of <i>Prunus spinosa</i> flowers: Extracts, model polyphenols and their phenolic metabolites in plasma towards multiple in vivo-relevant oxidants. <i>Phytochemistry Letters</i> , 2019, 30, 288-295.	1.2	20
31	Identification of bioactivity markers of <i>Sorbus domestica</i> leaves in chromatographic, spectroscopic and biological capacity tests: Application for the quality control. <i>Phytochemistry Letters</i> , 2019, 30, 278-287.	1.2	11
32	An efficient plant regeneration from <i>Rhaponticum carthamoides</i> transformed roots, enhanced caffeoylquinic acid derivatives production in pRi-transformed plants and their biological activity. <i>Industrial Crops and Products</i> , 2019, 129, 327-338.	5.2	11
33	A validated 1H qNMR method for direct and simultaneous quantification of esculin, fraxin and (-)-epicatechin in <i>Hippocastani cortex</i> . <i>Talanta</i> , 2019, 192, 263-269.	5.5	28
34	Chemical composition and antimicrobial activity of the essential oils from flowers and leaves of <i>Grindelia integrifolia</i> DC. <i>Natural Product Research</i> , 2019, 33, 1535-1540.	1.8	7
35	Chemical profile and antibacterial activity of essential oils from leaves and fruits of <i>Gaultheria procumbens</i> L. cultivated in Poland. <i>Acta Poloniae Pharmaceutica</i> , 2019, 76, 93-102.	0.1	4
36	<i>Sorbus domestica</i> L. leaf extracts as functional products: phytochemical profiling, cellular safety, pro-inflammatory enzymes inhibition and protective effects against oxidative stress in vitro. <i>Journal of Functional Foods</i> , 2018, 40, 207-218.	3.4	28

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37	Multifunctional Phytocompounds in <i>Cotoneaster</i> Fruits: Phytochemical Profiling, Cellular Safety, Anti-Inflammatory and Antioxidant Effects in Chemical and Human Plasma Models <i>In Vitro</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-16.	4.0	12
38	Polyphenol-Rich Extracts from <i>Cotoneaster</i> Leaves Inhibit Pro-Inflammatory Enzymes and Protect Human Plasma Components against Oxidative Stress <i>In Vitro</i> . <i>Molecules</i> , 2018, 23, 2472.	3.8	12
39	Lignans From <i>Forsythia x Intermedia</i> Leaves and Flowers Attenuate the Pro-inflammatory Function of Leukocytes and Their Interaction With Endothelial Cells. <i>Frontiers in Pharmacology</i> , 2018, 9, 401.	3.5	20
40	Variation in polyphenolic profile and <i>in vitro</i> antioxidant activity of eastern teaberry (<i>Gaultheria</i>). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6</i>	1.2	15
41	Optimisation of preparative HPLC separation of four isomeric kaempferol diglycosides from <i>Prunus spinosa</i> L. by application of the response surface methodology. <i>Phytochemistry Letters</i> , 2017, 20, 415-424.	1.2	14
42	Bioactivity Potential of <i>Prunus spinosa</i> L. Flower Extracts: Phytochemical Profiling, Cellular Safety, Pro-inflammatory Enzymes Inhibition and Protective Effects Against Oxidative Stress <i>In Vitro</i> . <i>Frontiers in Pharmacology</i> , 2017, 8, 680.	3.5	57
43	Metabolite Profiling of Eastern Teaberry (<i>Gaultheria procumbens</i> L.) Lipophilic Leaf Extracts with Hyaluronidase and Lipoxxygenase Inhibitory Activity. <i>Molecules</i> , 2017, 22, 412.	3.8	27
44	Rare Ellagic Acid Sulphate Derivatives from the Rhizome of <i>Geum rivale</i> L. Structure, Cytotoxicity, and Validated HPLC-PDA Assay. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 400.	2.5	6
45	Application of Response Surface Methodology for Optimisation of Simultaneous UHPLC-PDA Determination of Oleanolic and Ursolic Acids and Standardisation of Ericaceae Medicinal Plants. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 244.	2.5	8
46	Phenolic Profile and Antioxidant Potential of Leaves from Selected <i>Cotoneaster</i> Medik. Species. <i>Molecules</i> , 2016, 21, 688.	3.8	23
47	The identification and quantitative determination of rosmarinic acid and salvianolic acid B in hairy root cultures of <i>Dracocephalum forrestii</i> W.W. Smith. <i>Industrial Crops and Products</i> , 2016, 91, 125-131.	5.2	29
48	Establishment of Hairy Root Cultures of <i>Rhaponticum carthamoides</i> (Willd.) Iljin for the Production of Biomass and Caffeic Acid Derivatives. <i>BioMed Research International</i> , 2015, 2015, 1-11.	1.9	43
49	Evaluation of Antioxidant Activity, and Quantitative Estimation of Flavonoids, Saponins and Phenols in Crude Extract and Dry Fractions of <i>Medicago lupulina</i> Aerial Parts. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	7
50	Quantitative Determination of Ellagic Acid and Gallic Acid in <i>Geum Rivale</i> L. and <i>G. Urbanum</i> L.. <i>Acta Biologica Cracoviensia Series Botanica</i> , 2015, 56, 74-78.	0.5	9
51	Application of HPLC, UHPLC-PDA-ESI-MS 3 and HPLC-PDA methods for rapid, one-step preparative separation and quantification of rutin in <i>Forsythia</i> flowers. <i>Industrial Crops and Products</i> , 2015, 76, 86-94.	5.2	27
52	Evaluation of antioxidant activity, and quantitative estimation of flavonoids, saponins and phenols in crude extract and dry fractions of <i>Medicago lupulina</i> aerial parts. <i>Natural Product Communications</i> , 2015, 10, 483-6.	0.5	6
53	Polyphenolic Profile, Antioxidant and Anti-Inflammatory Activity of Eastern Teaberry (<i>Gaultheria</i>). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 30</i>	3.8	30
54	Activity-guided isolation and identification of free radical-scavenging components from various leaf extracts of <i>Sorbus aria</i> (L.) Crantz. <i>Natural Product Research</i> , 2012, 26, 243-254.	1.8	24

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55	New validated high-performance liquid chromatographic method for simultaneous analysis of ten flavonoid aglycones in plant extracts using a C ₁₈ fused-core column and acetonitrile-tetrahydrofuran gradient. <i>Journal of Separation Science</i> , 2012, 35, 2174-2183.	2.5	34
56	Profiling of Phenolic Compounds and Antioxidant Activity of Dry Extracts from the Selected Sorbus Species. <i>Molecules</i> , 2012, 17, 3093-3113.	3.8	59
57	Metabolite profiling and antioxidant activity of <i>Prunus padus</i> L. flowers and leaves. <i>Natural Product Research</i> , 2011, 25, 1115-1131.	1.8	28
58	Phenolic constituents of the inflorescences of <i>Sorbus torminalis</i> (L.) Crantz. <i>Phytochemistry Letters</i> , 2011, 4, 151-157.	1.2	26
59	Variation in the phenolic content and in vitro antioxidant activity of <i>Sorbus aucuparia</i> leaf extracts during vegetation. <i>Acta Poloniae Pharmaceutica</i> , 2011, 68, 937-44.	0.1	5
60	In vitro antioxidant activity and total phenolic content of the inflorescences, leaves and fruits of <i>Sorbus torminalis</i> (L.) Crantz. <i>Acta Poloniae Pharmaceutica</i> , 2011, 68, 945-53.	0.1	7
61	Simultaneous determination of flavonoids and phenylethanoids in the flowers of <i>Verbascum densiflorum</i> and <i>V. phlomoides</i> by high-performance liquid chromatography. <i>Phytochemical Analysis</i> , 2010, 21, 150-156.	2.4	22
62	Assessment of the Content of Phenolics and Antioxidant Action of Inflorescences and Leaves of Selected Species from the Genus <i>Sorbus</i> Sensu Stricto. <i>Molecules</i> , 2010, 15, 8769-8783.	3.8	26
63	Flavonoid profile of <i>Sorbus intermedia</i> . <i>Chemistry of Natural Compounds</i> , 2009, 45, 722-724.	0.8	9
64	Quality evaluation of golden saxifrage (<i>Chrysosplenium alternifolium</i> L.) through simultaneous determination of four bioactive flavonoids by high-performance liquid chromatography with PDA detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 771-777.	2.8	10
65	Antioxidant activity of inflorescences, leaves and fruits of three <i>Sorbus</i> species in relation to their polyphenolic composition. <i>Natural Product Research</i> , 2009, 23, 1507-1521.	1.8	62
66	Separation of quercetin, sexangularetin, kaempferol and isorhamnetin for simultaneous HPLC determination of flavonoid aglycones in inflorescences, leaves and fruits of three <i>Sorbus</i> species. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 629-635.	2.8	93
67	Flavonoids from <i>Prunus serotina</i> Ehrh. <i>Acta Poloniae Pharmaceutica</i> , 2005, 62, 127-33.	0.1	12
68	High-performance liquid chromatographic identification of flavonoid monoglycosides from <i>Prunus serotina</i> Ehrh. <i>Acta Poloniae Pharmaceutica</i> , 2005, 62, 435-41.	0.1	9
69	Further flavonoids from the flowers of <i>Prunus spinosa</i> L. <i>Acta Poloniae Pharmaceutica</i> , 2002, 59, 133-7.	0.1	13