

Anna Kiss

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104
papers

2,169
citations

28
h-index

39
g-index

134
ext. papers

2,549
ext. citations

4
avg, IF

5.31
L-index

#	Paper	IF	Citations
104	A comparison of antioxidant activities of oleuropein and its dialdehydic derivative from olive oil, oleacein. <i>Food Chemistry</i> , 2012 , 131, 940-947	8.5	92
103	Urolithins, gut microbiota-derived metabolites of ellagitannins, inhibit LPS-induced inflammation in RAW 264.7 murine macrophages. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 2168-77	5.9	76
102	Oleuropein and oleacein may restore biological functions of endothelial progenitor cells impaired by angiotensin II via activation of Nrf2/heme oxygenase-1 pathway. <i>Phytomedicine</i> , 2013 , 20, 1088-94	6.5	74
101	Oenothein B contribution to the anti-inflammatory and antioxidant activity of <i>Epilobium</i> sp. <i>Phytomedicine</i> , 2011 , 18, 557-60	6.5	74
100	Role of human gut microbiota metabolism in the anti-inflammatory effect of traditionally used ellagitannin-rich plant materials. <i>Journal of Ethnopharmacology</i> , 2014 , 155, 801-9	5	71
99	Phytochemistry, pharmacology and traditional uses of different <i>Epilobium</i> species (Onagraceae): a review. <i>Journal of Ethnopharmacology</i> , 2014 , 156, 316-46	5	58
98	Anti-hyaluronidase and anti-elastase activity screening of tannin-rich plant materials used in traditional Polish medicine for external treatment of diseases with inflammatory background. <i>Journal of Ethnopharmacology</i> , 2011 , 137, 937-41	5	57
97	Compounds from <i>Epilobium angustifolium</i> inhibit the specific metallopeptidases ACE, NEP and APN. <i>Planta Medica</i> , 2004 , 70, 919-23	3.1	54
96	Screening of traditional European herbal medicines for acetylcholinesterase and butyrylcholinesterase inhibitory activity. <i>Acta Pharmaceutica</i> , 2010 , 60, 119-28	3.2	52
95	Chemical composition, antioxidative and anti-inflammatory activity of extracts prepared from aerial parts of <i>Oenothera biennis</i> L. and <i>Oenothera paradoxa</i> Hudziok obtained after seeds cultivation. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 801-10	5.7	49
94	Extracts from <i>Epilobium</i> sp. herbs, their components and gut microbiota metabolites of <i>Epilobium</i> ellagitannins, urolithins, inhibit hormone-dependent prostate cancer cells-(LNCaP) proliferation and PSA secretion. <i>Phytotherapy Research</i> , 2013 , 27, 1842-8	6.7	47
93	Influence of gut microbiota-derived ellagitannins metabolites urolithins on pro-inflammatory activities of human neutrophils. <i>Planta Medica</i> , 2014 , 80, 887-95	3.1	45
92	Induction of neutral endopeptidase activity in PC-3 cells by an aqueous extract of <i>Epilobium angustifolium</i> L. and oenothein B. <i>Phytomedicine</i> , 2006 , 13, 284-9	6.5	45
91	Antioxidant and anti-inflammatory flavonol glucuronides from <i>Polygonum aviculare</i> L. <i>Phytotherapy Research</i> , 2013 , 27, 180-188	3.2	44
90	Epigenetic modulation of mechanisms involved in inflammation: Influence of selected polyphenolic substances on histone acetylation state. <i>Food Chemistry</i> , 2012 , 131, 1015-1020	8.5	39
89	<i>Oenothera paradoxa</i> defatted seeds extract and its bioactive component penta-O-galloyl- β -D-glucose decreased production of reactive oxygen species and inhibited release of leukotriene B ₄ , interleukin-8, elastase, and myeloperoxidase in human neutrophils. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 9960-6	5.7	39
88	Oleacein enhances anti-inflammatory activity of human macrophages by increasing CD163 receptor expression. <i>Phytomedicine</i> , 2015 , 22, 1255-61	6.5	37

87	Development and validation of HPLC-DAD-CAD-MS(3) method for qualitative and quantitative standardization of polyphenols in Agrimoniae eupatoriae herba (Ph. Eur). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 86, 112-22	3.5	37
86	Differences in Metabolism of Ellagitannins by Human Gut Microbiota ex Vivo Cultures. <i>Journal of Natural Products</i> , 2016 , 79, 3022-3030	4.9	35
85	Hairy root cultures of <i>Salvia viridis</i> L. for production of polyphenolic compounds. <i>Industrial Crops and Products</i> , 2018 , 117, 235-244	5.9	34
84	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, 181098	3	34
83	Phase II Conjugates of Urolithins Isolated from Human Urine and Potential Role of -Glucuronidases in Their Disposition. <i>Drug Metabolism and Disposition</i> , 2017 , 45, 657-665	4	32
82	Extracts from <i>Epilobium</i> sp. herbs induce apoptosis in human hormone-dependent prostate cancer cells by activating the mitochondrial pathway. <i>Journal of Pharmacy and Pharmacology</i> , 2013 , 65, 1044-54 ^{4.8}	4.8	32
81	Inhibition of human neutrophils NEP activity, CD11b/CD18 expression and elastase release by 3,4-dihydroxyphenylethanol-elenolic acid dialdehyde, oleacein. <i>Food Chemistry</i> , 2014 , 153, 1-8	8.5	31
80	Ellagitannins, Gallotannins and their Metabolites- The Contribution to the Anti-Inflammatory Effect of Food Products and Medicinal Plants. <i>Current Medicinal Chemistry</i> , 2018 , 25, 4946-4967	4.3	30
79	Dual inhibition of metalloproteinases ACE and NEP by extracts, and iridoids from <i>Ligustrum vulgare</i> L. <i>Journal of Ethnopharmacology</i> , 2008 , 120, 220-5	5	30
78	High-performance thin-layer chromatography method for quantitative determination of oenothien B and quercetin glucuronide in aqueous extract of <i>Epilobii angustifolii</i> herba. <i>Journal of Chromatography A</i> , 2007 , 1173, 146-50	4.5	30
77	Novel biological properties of <i>Oenothera paradoxa</i> defatted seed extracts: effects on metalloproteinase activity. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 7845-52	5.7	29
76	Bioactivity-guided fractionation for the butyrylcholinesterase inhibitory activity of furanocoumarins from <i>Angelica archangelica</i> L. roots and fruits. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 9186-93	5.7	28
75	Determination of the Phenolic Profile and Antioxidant Properties of L. Shoots: A Comparison of Aqueous and Hydroethanolic Extracts. <i>Molecules</i> , 2018 , 23,	4.8	27
74	Oleacein. translation from Mediterranean diet to potential antiatherosclerotic drug. <i>Current Pharmaceutical Design</i> , 2015 , 21, 1205-12	3.3	27
73	Oleacein may inhibit destabilization of carotid plaques from hypertensive patients. Impact on high mobility group protein-1. <i>Phytomedicine</i> , 2017 , 32, 68-73	6.5	25
72	Inhibition of NF- κ B-dependent cytokine and inducible nitric oxide synthesis by the macrocyclic ellagitannin oenothien B in TLR-stimulated RAW 264.7 macrophages. <i>Journal of Natural Products</i> , 2012 , 75, 870-5	4.9	25
71	C-glucosidic ellagitannins from <i>Lythri herba</i> (European Pharmacopoeia): chromatographic profile and structure determination. <i>Phytochemical Analysis</i> , 2013 , 24, 336-48	3.4	24
70	Determination of macrocyclic ellagitannin oenothien B in plant materials by HPLC-DAD-MS: method development and validation. <i>Phytochemical Analysis</i> , 2012 , 23, 582-7	3.4	24

69	Pro-oxidative and pro-apoptotic action of defatted seeds of <i>Oenothera paradoxa</i> on human skin melanoma cells. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 8282-9	5.7	23
68	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	5.9	22
67	Comparison of antioxidant, anti-inflammatory, antimicrobial activity and chemical composition of aqueous and hydroethanolic extracts of the herb of <i>Tropaeolum majus</i> L.. <i>Industrial Crops and Products</i> , 2013 , 50, 88-94	5.9	22
66	Ellagitannins modulate the inflammatory response of human neutrophils ex vivo. <i>Phytomedicine</i> , 2015 , 22, 1215-22	6.5	22
65	Polyphenolic compounds characterization and reactive nitrogen species scavenging capacity of <i>Oenothera paradoxa</i> defatted seed extracts. <i>Food Chemistry</i> , 2012 , 131, 485-492	8.5	19
64	Application of HPLC, UHPLC-PDA-ESI-MS3 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	5.9	18
63	Aqueous and ethanolic extracts of <i>Galinsoga parviflora</i> and <i>Galinsoga ciliata</i> . Investigations of caffeic acid derivatives and flavonoids by HPTLC and HPLC-DAD-MS methods. <i>Phytochemistry Letters</i> , 2015 , 11, 394-398	1.9	18
62	Effects of <i>Geum urbanum</i> L. root extracts and its constituents on polymorphonuclear leucocytes functions. Significance in periodontal diseases. <i>Journal of Ethnopharmacology</i> , 2016 , 188, 1-12	5	18
61	The phytochemical investigation of <i>Agrimonia eupatoria</i> L. and <i>Agrimonia procera</i> Wallr. as valid sources of <i>Agrimoniae herba</i> --The pharmacopoeial plant material. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 114, 272-9	3.5	17
60	The Activity of Urolithin A and M4 Valerolactone, Colonic Microbiota Metabolites of Polyphenols, in a Prostate Cancer In Vitro Model. <i>Planta Medica</i> , 2019 , 85, 118-125	3.1	17
59	The effects of urolithins on the response of prostate cancer cells to non-steroidal antiandrogen bicalutamide. <i>Phytomedicine</i> , 2018 , 46, 176-183	6.5	17
58	Determination of antioxidant activity of extracts and fractions obtained from <i>Galinsoga parviflora</i> and <i>Galinsoga quadriradiata</i> , and a qualitative study of the most active fractions using TLC and HPLC methods. <i>Natural Product Research</i> , 2012 , 26, 1584-93	2.3	16
57	Activity-guided isolation, identification and quantification of biologically active isomeric compounds from folk medicinal plant <i>Desmodium adscendens</i> using high performance liquid chromatography with diode array detector, mass spectrometry and multidimensional nuclear magnetic resonance spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 102, 54-63	3.5	15
56	Inhibition of ROS production, photoprotection, and total phenolic, flavonoids and ascorbic acid content of fresh herb juice and extracts from the leaves and flowers of <i>Tropaeolum majus</i> . <i>Industrial Crops and Products</i> , 2014 , 55, 19-24	5.9	15
55	Novel insight into qualitative standardization of <i>Polygoni avicularis herba</i> (Ph. Eur.). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 72, 216-22	3.5	15
54	<i>Inula helenium</i> and <i>Grindelia squarrosa</i> as a source of compounds with anti-inflammatory activity in human neutrophils and cultured human respiratory epithelium. <i>Journal of Ethnopharmacology</i> , 2020 , 249, 112311	5	15
53	Bioassay-Guided Isolation of Iridoids and Phenylpropanoids from Aerial Parts of <i>Lamium album</i> and Their Anti-inflammatory Activity in Human Neutrophils. <i>Planta Medica</i> , 2017 , 83, 1011-1019	3.1	14
52	<i>Lythrum salicaria</i> L.-Underestimated medicinal plant from European traditional medicine. A review. <i>Journal of Ethnopharmacology</i> , 2015 , 170, 226-50	5	14

51	Effects of penta-O-galloyl- β -D-glucose on human neutrophil function: significant down-regulation of L-selectin expression. <i>Phytotherapy Research</i> , 2013 , 27, 986-92	6.7	14
50	Effects of an aqueous extract from leaves of <i>Ligustrum vulgare</i> on mediators of inflammation in a human neutrophils model. <i>Planta Medica</i> , 2013 , 79, 924-32	3.1	14
49	QUANTITATIVE ANALYSIS OF BIOLOGICALLY ACTIVE POLYPHENOLS IN EVENING PRIMROSE (<i>OENOTHERA PARADOXA</i>) SEEDS AQUEOUS EXTRACTS. <i>Polish Journal of Food and Nutrition Sciences</i> , 2011 , 61, 109-113	3.1	14
48	1,2,3,4,6-Penta-O-galloyl- β -D-glucose modulates perivascular inflammation and prevents vascular dysfunction in angiotensin II-induced hypertension. <i>British Journal of Pharmacology</i> , 2019 , 176, 1951-1965	8.6	13
47	Inhibitory effect of <i>Ligustrum vulgare</i> leaf extract on the development of neuropathic pain in a streptozotocin-induced rat model of diabetes. <i>Phytomedicine</i> , 2018 , 49, 75-82	6.5	13
46	Hydroxycinnamoyl derivatives and secoiridoid glycoside derivatives from <i>Syringa vulgaris</i> flowers and their effects on the pro-inflammatory responses of human neutrophils. <i>Fitoterapia</i> , 2017 , 121, 194-203	3.2	13
45	Caffeic acid derivatives isolated from <i>Galinsoga parviflora</i> herb protected human dermal fibroblasts from UVA-radiation. <i>Phytomedicine</i> , 2019 , 57, 215-222	6.5	13
44	Hydroxycinnamates from elecampane (<i>Inula helenium</i> L.) callus culture. <i>Acta Physiologiae Plantarum</i> , 2016 , 38, 1	2.6	12
43	Effects of Phytochemically Characterized Extracts From and Isolated Secoiridoids on Mediators of Inflammation in a Human Neutrophil Model. <i>Frontiers in Pharmacology</i> , 2018 , 9, 349	5.6	12
42	Lignans From Leaves and Flowers Attenuate the Pro-inflammatory Function of Leukocytes and Their Interaction With Endothelial Cells. <i>Frontiers in Pharmacology</i> , 2018 , 9, 401	5.6	12
41	Effect of cytokinins on shoots proliferation and rosmarinic and salvianolic acid B production in shoot culture of <i>Dracocephalum forrestii</i> W. W. Smith. <i>Acta Physiologiae Plantarum</i> , 2018 , 40, 1	2.6	12
40	Evaluation of the Effect of <i>Epilobium angustifolium</i> Aqueous Extract on LNCaP Cell Proliferation in In Vitro and In Vivo Models. <i>Planta Medica</i> , 2017 , 83, 1159-1168	3.1	11
39	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	3.7	11
38	Caffeic acid derivatives isolated from the aerial parts of <i>Galinsoga parviflora</i> and their effect on inhibiting oxidative burst in human neutrophils. <i>Phytochemistry Letters</i> , 2016 , 16, 303-310	1.9	11
37	Secondary metabolites from roots of <i>Geum urbanum</i> L.. <i>Biochemical Systematics and Ecology</i> , 2014 , 53, 46-50	1.4	11
36	Accumulation of phenolic compounds in different in vitro cultures of <i>Salvia viridis</i> L. and their antioxidant and antimicrobial potential. <i>Phytochemistry Letters</i> , 2019 , 30, 324-332	1.9	11
35	Isolation of spilanthol from <i>Acmella oleracea</i> based on Green Chemistry and evaluation of its in vitro anti-inflammatory activity. <i>Journal of Supercritical Fluids</i> , 2018 , 140, 372-379	4.2	10
34	Synthesis of imperatorin analogs and their evaluation as acetylcholinesterase and butyrylcholinesterase inhibitors. <i>Archiv Der Pharmazie</i> , 2013 , 346, 775-82	4.3	10

33	Determination of C-glucosidic ellagitannins in <i>Lythri salicariae</i> herba by ultra-high performance liquid chromatography coupled with charged aerosol detector: method development and validation. <i>Phytochemical Analysis</i> , 2014 , 25, 201-6	3.4	10
32	Eupatoriopicrin Inhibits Pro-inflammatory Functions of Neutrophils via Suppression of IL-8 and TNF-alpha Production and p38 and ERK 1/2 MAP Kinases. <i>Journal of Natural Products</i> , 2019 , 82, 375-385	4.9	10
31	Contribution of C-glucosidic ellagitannins to <i>Lythrum salicaria</i> L. influence on pro-inflammatory functions of human neutrophils. <i>Journal of Natural Medicines</i> , 2015 , 69, 100-10	3.3	9
30	Quantitative Determination of Secoiridoids and Phenylpropanoids in Different Extracts of <i>Ligustrum Vulgare</i> L. Leaves by a Validated HPTLC-Photodensitometry Method. <i>Phytochemical Analysis</i> , 2015 , 26, 253-60	3.4	9
29	Secondary metabolites from aerial parts of <i>Oenothera hoelscheri</i> Renner ex RostaĹki. <i>Biochemical Systematics and Ecology</i> , 2012 , 44, 44-47	1.4	9
28	The effect of purine-type cytokinin on the proliferation and production of phenolic compounds in transformed shoots of <i>Dracocephalum forrestii</i> . <i>Journal of Biotechnology</i> , 2019 , 306, 125-133	3.7	8
27	Determination of huperzine a in <i>Huperzia</i> selagoplants from wild population and obtained in vitro culture by high-performance liquid chromatography using a chaotropic mobile phase. <i>Acta Chromatographica</i> , 2011 , 23, 339-352	1.5	8
26	Densitometric determination of flavonoids in methanolic and aqueous extracts of <i>Epilobii angustifolii</i> herb by use of HPTLC. <i>Journal of Planar Chromatography - Modern TLC</i> , 2007 , 20, 53-56	0.9	8
25	Seasonal variation in secondary metabolites of edible shoots of BuckĹ beard [<i>Aruncus dioicus</i> (Walter) Fernald (Rosaceae)]. <i>Food Chemistry</i> , 2016 , 202, 23-30	8.5	7
24	Phytochemical Profile and Antioxidant Activity of Aerial and Underground Parts of <i>Diels</i> . <i>Plants. Metabolites</i> , 2020 , 10,	5.6	7
23	UHPLC-DAD-ESI-MS/MS and HPTLC profiling of ash leaf samples from different commercial and natural sources and their in vitro effects on mediators of inflammation. <i>Phytochemical Analysis</i> , 2020 , 31, 57-67	3.4	7
22	Ex vivo effects of an <i>Oenothera paradoxa</i> extract on the reactive oxygen species generation and neutral endopeptidase activity in neutrophils from patients after acute myocardial infarction. <i>Phytotherapy Research</i> , 2012 , 26, 482-7	6.7	6
21	Inhibition of Neutrophil Functions and Antibacterial Effects of Tarragon (L.) Infusion-Phytochemical Characterization. <i>Frontiers in Pharmacology</i> , 2020 , 11, 947	5.6	6
20	Sieb. & Zucc. Revisited: Newly Identified Constituents from Aerial Parts of the Plant and Their Possible Contribution to the Biological Activity of the Plant. <i>Molecules</i> , 2019 , 24,	4.8	5
19	Inhibition of Pro-Inflammatory Functions of Human Neutrophils by Constituents of <i>Melodorum fruticosum</i> Leaves. <i>Chemistry and Biodiversity</i> , 2018 , 15, e1800269	2.5	4
18	<i>Syringa vulgaris</i> bark as a source of compounds affecting the release of inflammatory mediators from human neutrophils and monocytes/macrophages. <i>Phytochemistry Letters</i> , 2019 , 30, 309-313	1.9	3
17	Root Extracts From Inhibit IL-8 Release Interactions With Toll-Like Receptor 4 and Lipopolysaccharide. <i>Frontiers in Pharmacology</i> , 2020 , 11, 889	5.6	3
16	Identification and quantitative determination of pinoresinol in <i>Taxus bedia</i> Rehder needles, cell suspension and shoot cultures. <i>Acta Societatis Botanicorum Poloniae</i> , 2015 , 84, 125-132	1.5	3

15	The bioactivity of flavonoid glucuronides and free aglycones in the context of their absorption, II phase metabolism and deconjugation at the inflammation site. <i>Food and Chemical Toxicology</i> , 2020 , 135, 110929	4.7	3
14	A New Diterpene and Anti-inflammatory Sesquiterpene Lactones from <i>Sigesbeckia orientalis</i> . <i>Planta Medica</i> , 2020 , 86, 1108-1117	3.1	3
13	The analysis of phenolic compounds from the aerial parts of <i>Eupatorium cannabinum</i> L. subsp. <i>cannabinum</i> . <i>Biochemical Systematics and Ecology</i> , 2018 , 79, 37-43	1.4	3
12	Constituents of (<i>L.</i>) <i>Anderb.</i> (Inuleae), and Anti-Inflammatory Activity of 7,10-Diisobutyryloxy-8,9-epoxythymyl Isobutyrate. <i>Molecules</i> , 2020 , 25,	4.8	2
11	Polyphenol Composition of Extract from Aerial Parts of <i>Circaea Lutetiana</i> L. and its Antioxidant and Anti-Inflammatory Activity in Vitro. <i>Acta Biologica Cracoviensia Series Botanica</i> , 2013 , 55,		2
10	Tentative qualitative and quantitative analysis of phenolic compounds in leaf extract from <i>Carica papaya</i> Linn. plant growing in Uganda. <i>Herba Polonica</i> , 2021 , 67, 1-9	0.9	2
9	Chemical Composition and UVA-Protecting Activity of Extracts from <i>Ligustrum vulgare</i> and <i>Olea europaea</i> Leaves. <i>Acta Biologica Cracoviensia Series Botanica</i> , 2016 , 58, 45-55		1
8	Secondary metabolites from aerial parts of <i>Circaea lutetiana</i> L. <i>Biochemical Systematics and Ecology</i> , 2013 , 46, 22-25	1.4	1
7	Phytochemical Analysis of Polyphenols in Leaf Extract from <i>Vernonia amygdalina</i> Delile Plant Growing in Uganda. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 912	2.6	1
6	5-(3,4,5-Trihydroxyphenyl)-Valerolactone and nasutin A inhibit LNCaP prostate cancer cell proliferation. <i>Planta Medica</i> , 2016 , 81, S1-S381	3.1	
5	Effects of extracts from leaves and flowers from <i>Syringa vulgaris</i> on mediators of inflammation in a human neutrophils model. <i>Planta Medica</i> , 2016 , 81, S1-S381	3.1	
4	HPLC-DAD-MS analysis of extracts from flowers, leaves, fruits and branches of <i>Ligustrum vulgare</i> and their effect on cytokines secretion by human neutrophils. <i>Planta Medica</i> , 2016 , 81, S1-S381	3.1	
3	Metabolic fate of ellagitannins in human gut microbiota ex vivo cultures. <i>Planta Medica</i> , 2016 , 81, S1-S381		1
2	The anti-inflammatory activity of dietary flavonoid aglycones and their glucuronidated metabolites in human neutrophils (PMNs) and human umbilical vein endothelial cells (HUVECs). <i>Planta Medica</i> , 2016 , 81, S1-S381	3.1	
1	Potential anti-inflammatory activity of selected plants from Asteraceae family in in vitro models. <i>Planta Medica</i> , 2016 , 81, S1-S381	3.1	