

Jakub P Piwowski

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,326
citations

304701

22
h-index

361001

35
g-index

49
all docs

49
docs citations

49
times ranked

1840
citing authors

#	ARTICLE	IF	CITATIONS
1	Oenothetin B's contribution to the anti-inflammatory and antioxidant activity of <i>Epilobium</i> sp. <i>Phytomedicine</i> , 2011, 18, 557-560.	5.3	97
2	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, 2168-2177.	3.3	97
3	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, 801-809.	4.1	93
4	Phytochemistry, pharmacology and traditional uses of different <i>Epilobium</i> species (Onagraceae): A review. <i>Journal of Ethnopharmacology</i> , 2014, 156, 316-346.	4.1	77
5	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, 801-810.	5.2	75
6	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, 937-941.	4.1	70
7	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, 1842-1848.	5.8	64
8	Ellagitannins, Gallotannins and their Metabolites- The Contribution to the Anti-Inflammatory Effect of Food Products and Medicinal Plants. <i>Current Medicinal Chemistry</i> , 2019, 25, 4946-4967.	2.4	53
9	Influence of Gut Microbiota-Derived Ellagitannins Metabolites Urolithins on Pro-Inflammatory Activities of Human Neutrophils. <i>Planta Medica</i> , 2014, 80, 887-895.	1.3	52
10	Phase II Conjugates of Urolithins Isolated from Human Urine and Potential Role of β -Glucuronidases in Their Disposition. <i>Drug Metabolism and Disposition</i> , 2017, 45, 657-665.	3.3	49
11	Differences in Metabolism of Ellagitannins by Human Gut Microbiota ex Vivo Cultures. <i>Journal of Natural Products</i> , 2016, 79, 3022-3030.	3.0	46
12	In vitro antioxidant and anti-inflammatory activities of extracts from <i>Potentilla recta</i> and its main ellagitannin, agrimoniin. <i>Journal of Ethnopharmacology</i> , 2013, 149, 222-227.	4.1	37
13	A comprehensive review of agrimoniin. <i>Annals of the New York Academy of Sciences</i> , 2017, 1401, 166-180.	3.8	33
14	Ellagitannins modulate the inflammatory response of human neutrophils ex vivo. <i>Phytomedicine</i> , 2015, 22, 1215-1222.	5.3	32
15	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.	5.2	31
16	Polyphenolic Profile, Antioxidant and Anti-Inflammatory Activity of Eastern Teaberry (<i>Gaultheria</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	3.8	30
17	Comparative studies of urolithins and their phase II metabolites on macrophage and neutrophil functions. <i>European Journal of Nutrition</i> , 2021, 60, 1957-1972.	3.9	30
18	The effects of urolithins on the response of prostate cancer cells to non-steroidal antiandrogen bicalutamide. <i>Phytomedicine</i> , 2018, 46, 176-183.	5.3	29

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19	<i>C-g</i> glucosidic Ellagitannins from Lythri herba (<i>European Pharmacopoeia</i>): Chromatographic Profile and Structure Determination. <i>Phytochemical Analysis</i> , 2013, 24, 336-348.	2.4	26
20	<i>Lythrum salicaria</i> L. "Underestimated medicinal plant from European traditional medicine. A review. <i>Journal of Ethnopharmacology</i> , 2015, 170, 226-250.	4.1	24
21	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.	4.1	24
22	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.	1.3	24
23	Novel stilbenoids, including cannabispiradienone glycosides, from <i>Tragopogon tommasinii</i> (Asteraceae, Cichorieae) and their potential anti-inflammatory activity. <i>Phytochemistry</i> , 2015, 117, 254-266.	2.9	20
24	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
25	Novel insight into qualitative standardization of <i>Polygoni avicularis herba</i> (Ph. Eur.). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 72, 216-222.	2.8	17
26	<i>Lythrum salicaria</i> L. herb and gut microbiota of healthy post-weaning piglets. Focus on prebiotic properties and formation of postbiotic metabolites in ex vivo cultures.. <i>Journal of Ethnopharmacology</i> , 2020, 261, 113073.	4.1	17
27	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.	1.3	16
28	Highbush Blueberry (<i>Vaccinium corymbosum</i> L.) Leaves Extract and Its Modified Arginine Preparation for the Management of Metabolic Syndrome "Chemical Analysis and Bioactivity in Rat Model. <i>Nutrients</i> , 2021, 13, 2870.	4.1	15
29	Secondary metabolites from roots of <i>Geum urbanum</i> L.. <i>Biochemical Systematics and Ecology</i> , 2014, 53, 46-50.	1.3	13
30	Preliminary Characterization and Bioactivities of Some <i>Impatiens</i> L. Water-Soluble Polysaccharides. <i>Molecules</i> , 2018, 23, 631.	3.8	13
31	Determination of C-glycosidic Ellagitannins in <i>Lythrum salicaria</i> herb by Ultra-High Performance Liquid Chromatography Coupled with Charged Aerosol Detector: Method Development and Validation. <i>Phytochemical Analysis</i> , 2014, 25, 201-206.	2.4	12
32	Contribution of C-glycosidic ellagitannins to <i>Lythrum salicaria</i> L. influence on pro-inflammatory functions of human neutrophils. <i>Journal of Natural Medicines</i> , 2015, 69, 100-110.	2.3	12
33	<i>Eupatoriopicrin</i> 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.	3.0	10
34	Seasonal variation in secondary metabolites of edible shoots of <i>Buck's beard</i> [<i>Aruncus dioicus</i> (Walter) Fernald (Rosaceae)]. <i>Food Chemistry</i> , 2016, 202, 23-30.	8.2	8
35	Antiadhesive activity of hydroethanolic extract from bean pods of <i>Phaseolus vulgaris</i> (common bean) against uropathogenic <i>E. coli</i> and permeability of its constituents through Caco-2 cells monolayer. <i>Journal of Ethnopharmacology</i> , 2021, 274, 114053.	4.1	7
36	The contribution of phenolics to the anti-inflammatory potential of the extract from Bolivian coriander (<i>Porophyllum ruderale</i> subsp. <i>runderale</i>). <i>Food Chemistry</i> , 2022, 371, 131116.	8.2	7

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37	Dietary polyphenol and microbiota interactions in the context of prostate health. <i>Annals of the New York Academy of Sciences</i> , 2022, 1508, 54-77.	3.8	7
38	Gut microbiota-assisted isolation of flavonoids with a galloyl moiety from flowers of meadowsweet, <i>Filipendula ulmaria</i> (L.) Maxim. <i>Phytochemistry Letters</i> , 2019, 30, 220-223.	1.2	6
39	Tiliae flos metabolites and their beneficial influence on human gut microbiota biodiversity <i>ex vivo</i> . <i>Journal of Ethnopharmacology</i> , 2022, 294, 115355.	4.1	6
40	Polyphenol Composition of Extract from Aerial Parts of <i>Circaea Lutetiana</i> L. and its Antioxidant and Anti-Inflammatory Activity <i>In Vitro</i> . <i>Acta Biologica Cracoviensia Series Botanica</i> , 2013, 55, .	0.5	5
41	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.	1.3	5
42	<i>Lythrum salicaria</i> Ellagitannins Stimulate IPEC-J2 Cells Monolayer Formation and Inhibit Enteropathogenic <i>Escherichia coli</i> Growth and Adhesion. <i>Journal of Natural Products</i> , 2020, 83, 3614-3622.	3.0	4
43	Gut microbiota metabolism and the permeability of natural products contained in infusions from herb of European goldenrod <i>Solidago virgaurea</i> L.. <i>Journal of Ethnopharmacology</i> , 2021, 273, 113924.	4.1	4
44	Monoterpenoids from the traditional North Italian vegetable <i>Aruncus dioicus</i> (Walter) Fernald var. <i>vulgaris</i> (Maxim.) H.Hara (Rosaceae). <i>Food Chemistry</i> , 2017, 221, 1851-1859.	8.2	3
45	High molecular pyrogens present in plant extracts interfere with examinations of their immunomodulatory properties <i>in vitro</i> . <i>Scientific Reports</i> , 2021, 11, 799.	3.3	3
46	Conjugates of urolithin A with NSAIDs, their stability, cytotoxicity, and anti-inflammatory potential. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
47	Gut Microbiota of Pigs Metabolizes Extracts of <i>Filipendula ulmaria</i> and <i>Orthosiphon aristatus</i> "Herbal Remedies Used in Urinary Tract Disorders. <i>Planta Medica</i> , 2021, , .	1.3	0