

Jakub P Piwowski

List of Publications by Citations

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46
papers

939
citations

18
h-index

29
g-index

49
ext. papers

1,141
ext. citations

4.5
avg, IF

4.47
L-index

#	Paper	IF	Citations
46	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
45	Oenothlein B β contribution to the anti-inflammatory and antioxidant activity of <i>Epilobium</i> sp. <i>Phytomedicine</i> , 2011 , 18, 557-60	6.5	74
44	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
43	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
42	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
41	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
40	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
39	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
38	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
37	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, 222-7	5	34
36	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	4	32
35	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
34	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
33	A comprehensive review of agrimoniin. <i>Annals of the New York Academy of Sciences</i> , 2017 , 1401, 166-180	6.5	23
32	Polyphenolic Profile, Antioxidant and Anti-Inflammatory Activity of Eastern Teaberry (<i>Gaultheria procumbens</i> L.) Leaf Extracts. <i>Molecules</i> , 2014 , 19, 20498-20520	4.8	23
31	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
30	Ellagitannins modulate the inflammatory response of human neutrophils ex vivo. <i>Phytomedicine</i> , 2015 , 22, 1215-22	6.5	22

29	Effects of Geum urbanum 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
28	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
27	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
26	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	4.6	15
25	Novel insight into qualitative standardization of <i>Polygoni avicularis herba</i> (Ph. Eur.). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 72, 216-22	3.5	15
24	<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
23	Comparative studies of urolithins and their phase II metabolites on macrophage and neutrophil functions. <i>European Journal of Nutrition</i> , 2021 , 60, 1957-1972	5.2	13
22	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
21	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
20	Secondary metabolites from roots of <i>Geum urbanum</i> L.. <i>Biochemical Systematics and Ecology</i> , 2014 , 53, 46-50	1.4	11
19	Determination of C-glucosidic ellagitannins in <i>Lythri salicariaeherba</i> 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
18	<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	4.9	10
17	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
16	Preliminary Characterization and Bioactivities of Some <i>Impatiens</i> L. Water-Soluble Polysaccharides. <i>Molecules</i> , 2018 , 23,	4.8	8
15	Seasonal variation in secondary metabolites of edible shoots of Buck's beard [<i>Aruncus dioicus</i> (Walter) Fernald (Rosaceae)]. <i>Food Chemistry</i> , 2016 , 202, 23-30	8.5	7
14	<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	5	7
13	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	1.9	5
12	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

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	Ellagitannins Stimulate IPEC-J2 Cells Monolayer Formation and Inhibit Enteropathogenic Growth and Adhesion. <i>Journal of Natural Products</i> , 2020 , 83, 3614-3622	4.9	2
9	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	5	2
8	Highbush Blueberry (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,	6.7	2
7	High molecular pyrogens present in plant extracts interfere with examinations of their immunomodulatory properties in vitro. <i>Scientific Reports</i> , 2021 , 11, 799	4.9	2
6	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	8.5	1
5	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	5	1
4	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	8.5	0
3	Tiliae flos metabolites and their beneficial influence on human gut microbiota biodiversity ex vivo.. <i>Journal of Ethnopharmacology</i> , 2022 , 115355	5	0
2	Der Gewöhnliche Blutweiderich. <i>Zeitschrift Fur Phytotherapie: Offizielles Organ Der Ges F Phytotherapie E V</i> , 2017 , 37, 275-279	0.1	
1	Jenseits der antinutritiven Eigenschaften von Gerbstoffen. <i>Zeitschrift Fur Phytotherapie: Offizielles Organ Der Ges F Phytotherapie E V</i> , 2021 , 42, 31-37	0.1	