

Joanna Gdula-Argasinska

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,070
citations

471509

17
h-index

454955

30
g-index

60
all docs

60
docs citations

60
times ranked

1751
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-inflammatory properties of edible mushrooms: A review. <i>Food Chemistry</i> , 2018, 243, 373-381.	8.2	248
2	Metal responsive transcription factor 1 (MTF-1) regulates zinc dependent cellular processes at the molecular level. <i>Acta Biochimica Polonica</i> , 2015, 62, 491-498.	0.5	53
3	Nitrite binding to metmyoglobin and methemoglobin in comparison to nitric oxide binding. <i>Journal of Biological Inorganic Chemistry</i> , 2002, 7, 165-176.	2.6	49
4	Comparative Study of Predominant Phytochemical Compounds and Proapoptotic Potential of Broccoli Sprouts and Florets. <i>Plant Foods for Human Nutrition</i> , 2018, 73, 95-100.	3.2	40
5	Further investigation of the heavy metal content of the teeth of the bank vole as an exposure indicator of environmental pollution in Poland. <i>Environmental Pollution</i> , 2004, 131, 71-79.	7.5	35
6	Rutabaga (<i>Brassica napus</i> L. var. <i>napobrassica</i>) Seeds, Roots, and Sprouts: A Novel Kind of Food with Antioxidant Properties and Proapoptotic Potential in Hep G2 Hepatoma Cell Line. <i>Journal of Medicinal Food</i> , 2013, 16, 749-759.	1.5	35
7	n-3 Fatty acids as resolvents of inflammation in the A549 cells. <i>Pharmacological Reports</i> , 2015, 67, 610-615.	3.3	35
8	Plasma fatty acid profile in multiple myeloma patients. <i>Leukemia Research</i> , 2015, 39, 400-405.	0.8	35
9	Erythrocyte membrane fatty acids in multiple myeloma patients. <i>Leukemia Research</i> , 2014, 38, 1260-1265.	0.8	33
10	Identification of Predominant Phytochemical Compounds and Cytotoxic Activity of Wild Olive Leaves (<i>Olea europaea</i> L. ssp. <i>sylvestris</i>) Harvested in South Portugal. <i>Chemistry and Biodiversity</i> , 2017, 14, e1600331.	2.1	29
11	5-HT ₆ receptor agonist and antagonist improve memory impairments and hippocampal BDNF signaling alterations induced by MK-801. <i>Brain Research</i> , 2019, 1722, 146375.	2.2	27
12	Chemical composition and biological activity of extracts from fruiting bodies and mycelial cultures of <i>Fomitopsis betulina</i> . <i>Molecular Biology Reports</i> , 2018, 45, 2535-2544.	2.3	26
13	<i>Lentinula edodes</i> as a Source of Bioelements Released into Artificial Digestive Juices and Potential Anti-inflammatory Material. <i>Biological Trace Element Research</i> , 2020, 194, 603-613.	3.5	24
14	Beneficial effect of nanoparticles over standard form of zinc oxide in enhancing the anti-inflammatory activity of ketoprofen in rats. <i>Pharmacological Reports</i> , 2017, 69, 679-682.	3.3	21
15	Effect of pregabalin on contextual memory deficits and inflammatory state-related protein expression in streptozotocin-induced diabetic mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 613-623.	3.0	20
16	Influence of selenium supplementation on fatty acids profile and biological activity of four edible amaranth sprouts as new kind of functional food. <i>Journal of Food Science and Technology</i> , 2015, 52, 4724-4736.	2.8	18
17	HGF, sIL-6R and TGF- β ₁ Play a Significant Role in the Progression of Multiple Myeloma. <i>Journal of Cancer</i> , 2014, 5, 518-524.	2.5	17
18	<i>In vitro</i> cultures of <i>Bacopa monnieri</i> and an analysis of selected groups of biologically active metabolites in their biomass. <i>Pharmaceutical Biology</i> , 2016, 54, 2443-2453.	2.9	17

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19	n-3 Fatty acids regulate the inflammatory-state related genes in the lung epithelial cells exposed to polycyclic aromatic hydrocarbons. <i>Pharmacological Reports</i> , 2016, 68, 319-328.	3.3	17
20	Docosahexaenoic acid attenuates endocannabinoid synthesis in RAW 264.7 macrophages activated with benzo(a)pyrene and lipopolysaccharide. <i>Toxicology Letters</i> , 2016, 258, 93-100.	0.8	15
21	Anti-Inflammatory Potential of In Vitro Cultures of the White Button Mushroom, <i>Agaricus bisporus</i> (<i>Agaricomycetes</i>), in Caco-2 Cells. <i>International Journal of Medicinal Mushrooms</i> , 2018, 20, 129-139.	1.5	15
22	Input of heavy metals to the forest floor as a result of Cracow urban pollution. <i>Environment International</i> , 2003, 28, 691-698.	10.0	14
23	Docosahexaenoic acid regulates gene expression in HUVEC cells treated with polycyclic aromatic hydrocarbons. <i>Toxicology Letters</i> , 2015, 236, 75-81.	0.8	14
24	The presence of IL-8 +781 T/C polymorphism is associated with the parameters of severe <i>Clostridium difficile</i> infection. <i>Microbial Pathogenesis</i> , 2018, 114, 281-285.	2.9	14
25	Influence of different light conditions and time of sprouting on harmful and beneficial aspects of rutabaga sprouts in comparison to their roots and seeds. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 302-308.	3.5	14
26	Anti-Inflammatory Activity of Biomass Extracts of the Bay Mushroom, <i>Imleria badia</i> (<i>Agaricomycetes</i>), in RAW 264.7 Cells. <i>International Journal of Medicinal Mushrooms</i> , 2016, 18, 769-779.	1.5	14
27	Concentrations of cadmium and lead, but not zinc, are higher in red fox tissues than in rodents – a pollution gradient study in the Małopolska province (Poland). <i>Environmental Science and Pollution Research</i> , 2019, 26, 4961-4974.	5.3	13
28	The Analysis of the Relationship between Multiple Myeloma Cells and Their Microenvironment. <i>Journal of Cancer</i> , 2015, 6, 160-168.	2.5	12
29	Fatty acids composition in erythrocyte membranes of athletes after one and after a series of whole body cryostimulation sessions. <i>Cryobiology</i> , 2017, 74, 121-125.	0.7	12
30	Imipramine Influences Body Distribution of Supplemental Zinc Which May Enhance Antidepressant Action. <i>Nutrients</i> , 2020, 12, 2529.	4.1	12
31	A Comparative Survey of Anti-Melanoma and Anti-Inflammatory Potential of Usnic Acid Enantiomers – A Comprehensive In Vitro Approach. <i>Pharmaceuticals</i> , 2021, 14, 945.	3.8	11
32	Health Promoting vs Anti-nutritive Aspects of Kohlrabi Sprouts, a Promising Candidate for Novel Functional Food. <i>Plant Foods for Human Nutrition</i> , 2021, 76, 76-82.	3.2	10
33	Assessing the Bioavailability of Zinc and Indole Compounds from Mycelial Cultures of the Bay Mushroom <i>Imleria badia</i> (<i>Agaricomycetes</i>) Using In Vitro Models. <i>International Journal of Medicinal Mushrooms</i> , 2019, 21, 343-352.	1.5	10
34	Anti-inflammatory activities of garlic sprouts, a source of γ -linolenic acid and 5-hydroxy-l-tryptophan, in RAW 264.7 cells. <i>Acta Biochimica Polonica</i> , 2017, 64, 551-559.	0.5	8
35	Study of biological activity of <i>Tricholoma equestre</i> fruiting bodies and their safety for human. <i>European Food Research and Technology</i> , 2018, 244, 2255-2264.	3.3	8
36	Antinociceptive, antiedematous, and antiallodynic activity of 1H-pyrrolo[3,4-c]pyridine-1,3(2H)-dione derivatives in experimental models of pain. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 813-827.	3.0	8

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37	Resolvin D1 down-regulates CYP1A1 and PTGS2 gene in the HUVEC cells treated with benzo(a)pyrene. <i>Pharmacological Reports</i> , 2016, 68, 939-944.	3.3	7
38	Similar survival outcomes in patients with biclonal versus monoclonal myeloma: a multi-institutional matched case-control study. <i>Annals of Hematology</i> , 2017, 96, 1693-1698.	1.8	7
39	Extracts and Steroids from the Edible Mushroom <i>Hypholoma lateritium</i> Exhibit Anti-inflammatory Properties by Inhibition of COX-2 and Activation of Nrf2. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000391.	2.1	7
40	The effects of exercise in water at 4°C and 25°C on the rheological properties of blood and the composition of fatty acids in the erythrocyte membranes of laboratory rats. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 51, 139-148.	1.7	6
41	Effect of 5-HT6 Receptor Ligands Combined with Haloperidol or Risperidone on Antidepressant-/Anxiolytic-Like Behavior and BDNF Regulation in Hippocampus and Prefrontal Cortex of Rats. <i>Neuropsychiatric Disease and Treatment</i> , 2021, Volume 17, 2105-2127.	2.2	6
42	Chronic antidepressant-like effect of EMD386088, a partial 5-HT6 receptor agonist, in olfactory bulbectomy model may be connected with BDNF and/or CREB signalling pathway. <i>Pharmacological Reports</i> , 2018, 70, 1047-1056.	3.3	5
43	Chemical compounds of extracts from <i>Sarcodon imbricatus</i> at optimized growth conditions. <i>Acta Mycologica</i> , 2017, 51, .	0.3	5
44	Identification of lipid derivatives in Hep G2 cells. <i>Acta Biochimica Polonica</i> , 2013, 60, 811-5.	0.5	5
45	Effects of Cold Water Swimming on Blood Rheological Properties and Composition of Fatty Acids in Erythrocyte Membranes of Untrained Older Rats. <i>Folia Biologica</i> , 2011, 59, 203-209.	0.5	4
46	Fatty acids and selected endocannabinoids content in cerebrospinal fluids from patients with neuroinfections. <i>Metabolic Brain Disease</i> , 2019, 34, 331-339.	2.9	4
47	Sex, Pramipexole and Tiagabine Affect Behavioral and Hormonal Response to Traumatic Stress in a Mouse Model of PTSD. <i>Frontiers in Pharmacology</i> , 2021, 12, 691598.	3.5	4
48	n-3 and n-6 Fatty Acid Changes in the Erythrocyte Membranes of Patients with <i>Clostridium difficile</i> Infection. <i>Folia Biologica</i> , 2016, 64, 3-10.	0.5	3
49	Therapeutic role of eicosapentaenoic and arachidonic acid in benzo(a) pyrene-induced toxicity in HUVEC endothelial cells. <i>Life Sciences</i> , 2022, 293, 120345.	4.3	3
50	The evaluation of effect of selected metal ions on the efficiency of passive and active transport of imipramine. <i>Psychiatria Polska</i> , 2019, 53, 1169-1179.	0.5	2
51	Identification of lipid derivatives in Hep G2 cells.. <i>Acta Biochimica Polonica</i> , 2013, 60, .	0.5	2
52	Synthesis and antinociceptive activity of four 1 <i>H</i> -isoindolo[1,3 <i>H</i>]indiones. <i>Archiv Der Pharmazie</i> , 2022, , e2100423.	4.1	2
53	Differential effect of nanoparticle and standard forms of ZnO on serum zinc and magnesium levels in rats. <i>Magnesium Research</i> , 2018, 31, 58-64.	0.5	1
54	Update the comments on "Study of biological activity of <i>Tricholoma equestre</i> fruiting bodies and their safety for human". <i>European Food Research and Technology</i> , 2019, 245, 1783-1785.	3.3	1

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55	Clostridium difficile caused changes in fatty acids profile and resolvins D1 content in plasma of infected patients. European Journal of Gastroenterology and Hepatology, 2020, 32, 318-324.	1.6	1
56	Impact of High-Sucrose Diet on the mRNA Levels for Elongases and Desaturases and Estimated Protein Activity in Rat Adipose Tissue. Biochemistry (Moscow), 2021, 86, 525-532.	1.5	1
57	Effect of Eicosapentaenoic Acid Supplementation on Murine Preadipocytes 3T3-L1 Cells Activated with Lipopolysaccharide and/or Tumor Necrosis Factor- α . Life, 2021, 11, 977.	2.4	1
58	Blocking MET receptor signaling in multiple myeloma cells in vitro and in vivo. Advances in Clinical and Experimental Medicine, 2018, 27, 153-158.	1.4	1