

Włodzimierz Opoka

List of Publications by Year in descending order

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86
papers

1,513
citations

377584

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388640

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86
all docs

86
docs citations

86
times ranked

2111
citing authors

#	ARTICLE	IF	CITATIONS
1	Yerba Mate as a Source of Elements and Bioactive Compounds with Antioxidant Activity. <i>Antioxidants</i> , 2022, 11, 371.	2.2	17
2	Impact of dams' diet on the levels of magnesium and zinc in the incisors of offspring rats. <i>Acta Poloniae Pharmaceutica</i> , 2022, 79, 97-104.	0.3	0
3	Zinc Deficiency Blunts the Effectiveness of Antidepressants in the Olfactory Bulbectomy Model of Depression in Rats. <i>Nutrients</i> , 2022, 14, 2746.	1.7	2
4	The remediation of sulfonamides from the environment by <i>Pleurotus eryngii</i> mycelium. Efficiency, products and mechanisms of mycodegradation. <i>Chemosphere</i> , 2021, 262, 128026.	4.2	12
5	Effect of conservation methods on the bioaccessibility of bioelements from in vitro digested edible mushrooms. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 3481-3488.	1.7	2
6	Culinary medicinal mushrooms: a review of organic compounds and bioelements with antioxidant activity. <i>European Food Research and Technology</i> , 2021, 247, 513-533.	1.6	34
7	Disinfectants Used in Stomatology and SARS-CoV-2 Infection. <i>European Journal of Dentistry</i> , 2021, 15, 388-400.	0.8	7
8	Semiautomatic and fully functional electrochemical microanalyzer BO-05 suitable for scientific, didactic, and analytical applications: The use in the potentiometric analysis of drugs. <i>Analecta Technica Szegedinensia</i> , 2021, 15, 64-72.	0.2	0
9	Photodegradation of Bexarotene and Its Implication for Cytotoxicity. <i>Pharmaceutics</i> , 2021, 13, 1220.	2.0	2
10	A New Biotechnology Method of Bioelements™ Accumulation Monitoring in In Vitro Culture of <i>Agaricus bisporus</i> . <i>Molecules</i> , 2021, 26, 5165.	1.7	0
11	<i>Pleurotus</i> spp. Mycelia Enriched in Magnesium and Zinc Salts as a Potential Functional Food. <i>Molecules</i> , 2021, 26, 162.	1.7	15
12	Extraction of selected prohealth substances from <i>Curcuma longa</i> and <i>Zingiber officinale</i> in artificial digestive juices. <i>Journal of the Science of Food and Agriculture</i> , 2021, , .	1.7	1
13	Photostability of Topical Agents Applied to the Skin: A Review. <i>Pharmaceutics</i> , 2020, 12, 10.	2.0	27
14	Photostability Testing of a Third-Generation Retinoid Tazarotene in the Presence of UV Absorbers. <i>Pharmaceutics</i> , 2020, 12, 899.	2.0	5
15	Imipramine Influences Body Distribution of Supplemental Zinc Which May Enhance Antidepressant Action. <i>Nutrients</i> , 2020, 12, 2529.	1.7	12
16	Feasibility of the use of <i>Lentinula edodes</i> mycelium in terbinafine remediation. <i>3 Biotech</i> , 2020, 10, 184.	1.1	4
17	The comparison of trace elements content with dietary supplement labels used by athletes. <i>Acta Poloniae Pharmaceutica</i> , 2020, 77, 563-570.	0.3	1
18	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.	1.6	1

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19	Antidepressant-like activity of hyperforin and changes in BDNF and zinc levels in mice exposed to chronic unpredictable mild stress. <i>Behavioural Brain Research</i> , 2019, 372, 112045.	1.2	33
20	Mycoremediation of azole antifungal agents using in vitro cultures of <i>Lentinula edodes</i> . <i>3 Biotech</i> , 2019, 9, 207.	1.1	16
21	<i>Lentinula edodes</i> Mycelium as Effective Agent for Piroxicam Mycoremediation. <i>Frontiers in Microbiology</i> , 2019, 10, 313.	1.5	14
22	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.	0.2	2
23	Assessing the Bioavailability of Zinc and Indole Compounds from Mycelial Cultures of the Bay Mushroom <i>Imleria badia</i> (Agaricomycetes) Using In Vitro Models. <i>International Journal of Medicinal Mushrooms</i> , 2019, 21, 343-352.	0.9	10
24	Determination of in vitro metabolism of new non-imidazole histamine H3 receptor antagonist 1-[3-(4-tert-butylphenoxy)propyl]piperidine. <i>Acta Poloniae Pharmaceutica</i> , 2019, 76, 877-884.	0.3	0
25	Effect of selected drugs on zinc accumulation in teeth of laboratory animals. <i>Pharmacological Reports</i> , 2018, 70, 684-687.	1.5	2
26	TLC-Densitometry analysis of indole compounds in mycelial culture of <i>Imleria badia</i> and <i>Agaricus bisporus</i> enriched with precursors serine or anthranilic acid. <i>Acta Chromatographica</i> , 2018, 30, 236-242.	0.7	4
27	Analysis of the biodegradation of synthetic testosterone and 17 β -ethynylestradiol using the edible mushroom <i>Lentinula edodes</i> . <i>3 Biotech</i> , 2018, 8, 424.	1.1	11
28	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.	1.6	8
29	Bioaccessibility of phenolic compounds, lutein, and bioelements of preparations containing <i>Chlorella vulgaris</i> in artificial digestive juices. <i>Journal of Applied Phycology</i> , 2018, 30, 1629-1640.	1.5	9
30	Simultaneous Determination of Acetylsalicylic Acid, Hydrochlorothiazide, Enalapril, and Atorvastatin in a Polypill-Based Quaternary Mixture by TLC. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 708-713.	0.7	1
31	Zinc and copper concentration do not differentiate bipolar disorder from major depressive disorder. <i>Psychiatria Polska</i> , 2018, 52, 449-457.	0.2	6
32	The Accumulation and Release of Cd and Pb from Edible Mushrooms and Their Biomass. <i>Polish Journal of Environmental Studies</i> , 2018, 27, 223-230.	0.6	4
33	QUANTITATIVE AND QUALITATIVE ANALYSIS OF FIXED-DOSE-COMBINATION PRODUCTS (FDC, POLYPILL) APPLIED IN POLYOTHERAPY OF HYPERTENSIVE DISEASE. REVIEW. <i>Acta Poloniae Pharmaceutica</i> , 2018, 75, 1083-1094.	0.3	0
34	RELEASE OF BIOACTIVE SUBSTANCES FROM FORMULATIONS CONTAINING <i>ARTHROSPIRA PLATENSIS</i> (<i>SPIRULINA PLATENSIS</i>). <i>Acta Poloniae Pharmaceutica</i> , 2018, 75, 1187-1199.	0.3	1
35	EVALUATION OF NUTRITIONAL AND MEDICINAL PROPERTIES OF <i>BACOPA MONNIERI</i> BIOMASS AND PREPARATIONS. <i>Acta Poloniae Pharmaceutica</i> , 2018, 75, 1353-1361.	0.3	1
36	Assessment of the chromatographic lipophilicity of eight cephalosporins on different stationary phases. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 101, 115-124.	1.9	21

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37	Composition and Biological Properties of Agaricus bisporus Fruiting Bodies- a Review. Polish Journal of Food and Nutrition Sciences, 2017, 67, 173-181.	0.6	69
38	Remediation capacity of Cd and Pb ions by mycelia of Imleria badia, Laetiporus sulphureus, and Agaricus bisporus in vitro cultures. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2017, 52, 617-622.	0.7	11
39	Study of physiologically active components in different parts of fruiting bodies of varieties of Agaricus bisporus (white mushroom). European Food Research and Technology, 2017, 243, 2135-2145.	1.6	20
40	The serum zinc concentration as a potential biological marker in patients with major depressive disorder. Metabolic Brain Disease, 2017, 32, 97-103.	1.4	36
41	Kinetics of extracted bioactive components from mushrooms in artificial digestive juices. International Journal of Food Properties, 2017, 20, 1796-1817.	1.3	19
42	Spectrophotometric method for simultaneous determination of valsartan and substances from the group of statins in binary mixtures. Acta Pharmaceutica, 2017, 67, 463-478.	0.9	5
43	Determination of cefuroxime axetil and cefepime in biological materials by thin-layer chromatographyâ€”densitometry. Journal of Planar Chromatography - Modern TLC, 2017, 30, 291-298.	0.6	6
44	The serum concentration of copper in bipolar disorder. Psychiatria Polska, 2017, 51, 469-481.	0.2	18
45	Some micro- and trace elements in selected bottled natural waters from the Polish market evaluated by electrochemical methods. Journal of Elementology, 2017, , .	0.0	0
46	In vitro culture of Boletus badius as a source of indole compounds and zinc released in artificial digestive juices. Food Science and Biotechnology, 2016, 25, 829-837.	1.2	4
47	Zinc transporters protein level in postmortem brain of depressed subjects and suicide victims. Journal of Psychiatric Research, 2016, 83, 220-229.	1.5	29
48	Comprehensive study of the stability of cefepime hydrochloride and cefuroxime axetil under various environmental conditions. Journal of Planar Chromatography - Modern TLC, 2016, 29, 264-272.	0.6	0
49	Study of the Serum Copper Levels in Patients with Major Depressive Disorder. Biological Trace Element Research, 2016, 174, 287-293.	1.9	46
50	Agaricus bisporus and its in vitro culture as a source of indole compounds released into artificial digestive juices. Food Chemistry, 2016, 199, 509-515.	4.2	33
51	Thermal processing can affect zinc availability in some edible mushrooms. LWT - Food Science and Technology, 2016, 69, 424-429.	2.5	5
52	Experimental study of the stability of some oxicams in contact with various redox agents. Journal of Planar Chromatography - Modern TLC, 2016, 29, 273-280.	0.6	1
53	Determination of Zinc(II) Ions Released into Artificial Digestive Juices from Culinary-Medicinal Button Mushroom, Agaricus bisporus (Agaricomycetidae), Biomass of In Vitro Cultures Using an Anodic Stripping Voltammetry Method. International Journal of Medicinal Mushrooms, 2016, 18, 155-164.	0.9	6
54	Anti-Inflammatory Activity of Biomass Extracts of the Bay Mushroom, Imleria badia (Agaricomycetes), in RAW 264.7 Cells. International Journal of Medicinal Mushrooms, 2016, 18, 769-779.	0.9	14

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55	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.	0.3	53
56	Cocaine exposure alters H ₂ S tissue concentrations in peripheral mouse organs. <i>Pharmacological Reports</i> , 2015, 67, 421-425.	1.5	4
57	Determination of indole compounds released from selected edible mushrooms and their biomass to artificial stomach juice. <i>LWT - Food Science and Technology</i> , 2015, 62, 27-31.	2.5	13
58	In vitro cultures and fruiting bodies of culinary-medicinal <i>Agaricus bisporus</i> (white button) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td Technology, 2015, 52, 7337-7344.	1.4	21
59	Trace metal analyses in honey samples from selected countries. A potential use in bio-monitoring. <i>International Journal of Environmental Analytical Chemistry</i> , 2015, , 1-12.	1.8	3
60	Natural products of relevance in the prevention and supportive treatment of depression. <i>Psychiatria Polska</i> , 2015, 49, 435-453.	0.2	53
61	The serum concentration of magnesium as a potential state marker in patients with diagnosis of bipolar disorder. <i>Psychiatria Polska</i> , 2015, 49, 1277-1287.	0.2	13
62	The serum magnesium concentration as a potential state marker in patients with unipolar affective disorder. <i>Psychiatria Polska</i> , 2015, 49, 1265-1276.	0.2	10
63	Application of hanging copper amalgam drop electrode for voltammetric determination of selenium content in fruiting bodies of selected mushrooms. <i>International Journal of Environmental Analytical Chemistry</i> , 2014, 94, 269-276.	1.8	2
64	Development of Optimal Medium Content for Bioelements Accumulation in <i>Bacopa monnieri</i> (L.) In Vitro Culture. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 1535-1547.	1.4	9
65	Zinc and Propolis Reduces Cytotoxicity and Proliferation in Skin Fibroblast Cell Culture: Total Polyphenol Content and Antioxidant Capacity of Propolis. <i>Biological Trace Element Research</i> , 2014, 160, 123-131.	1.9	47
66	Chronic treatment with zinc hydroaspartate induces anti-inflammatory and anti-ulcerogenic activity in rats. <i>Pharmacological Reports</i> , 2014, 66, 862-866.	1.5	6
67	Analysis of 5-Methyltryptamine, <sc>L</sc>-Tryptophan, 5-Hydroxy-<sc>L</sc>-Tryptophan, and Melatonin in the Bulbs of Garlic by Thin-Layer Chromatographic Method Coupled with Densitometric Detection. <i>Journal of Planar Chromatography - Modern TLC</i> , 2014, 27, 210-216.	0.6	5
68	The role of zinc in the pathogenesis and treatment of central nervous system (CNS) diseases. Implications of zinc homeostasis for proper CNS function. <i>Acta Poloniae Pharmaceutica</i> , 2014, 71, 369-77.	0.3	35
69	Comparative Study of Metals Accumulation in Cultured In Vitro Mycelium and Naturally Grown Fruiting Bodies of <i>Boletus badius</i> and <i>Cantharellus cibarius</i> . <i>Biological Trace Element Research</i> , 2013, 153, 355-362.	1.9	30
70	Metformin raises hydrogen sulfide tissue concentrations in various mouse organs. <i>Pharmacological Reports</i> , 2013, 65, 737-742.	1.5	50
71	Zinc, magnesium and NMDA receptor alterations in the hippocampus of suicide victims. <i>Journal of Affective Disorders</i> , 2013, 151, 924-931.	2.0	63
72	Optimization of method for zinc analysis in several bee products on renewable mercury film silver based electrode. <i>Acta Poloniae Pharmaceutica</i> , 2013, 70, 961-5.	0.3	3

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73	Stevia, cyclamate and saccharin - natural and artificial sweeteners - exert no effect on sulfane levels in tissues. <i>Folia Medica Cracoviensia</i> , 2013, 53, 37-42.	0.3	0
74	Vitamin D3 (Cholecalciferol) Boosts Hydrogen Sulfide Tissue Concentrations in Heart and other Mouse Organs. <i>Folia Biologica</i> , 2012, 60, 243-247.	0.1	17
75	Time course of zinc deprivation-induced alterations of mice behavior in the forced swim test. <i>Pharmacological Reports</i> , 2012, 64, 567-575.	1.5	62
76	Voltammetric Determination of Zinc, Copper, and Selenium in Selected Raw Plant Material. <i>Analytical Letters</i> , 2011, 44, 2347-2356.	1.0	5
77	Chronic unpredictable stress-induced reduction in the hippocampal brain-derived neurotrophic factor (BDNF) gene expression is antagonized by zinc treatment. <i>Pharmacological Reports</i> , 2011, 63, 537-543.	1.5	43
78	Chronic treatment with zinc and antidepressants induces enhancement of presynaptic/extracellular zinc concentration in the rat prefrontal cortex. <i>Amino Acids</i> , 2011, 40, 249-258.	1.2	23
79	Development and Validation of an Anodic Stripping Voltammetric Method for Determination of Zn ²⁺ ions in Brain Microdialysate Samples. <i>Biological Trace Element Research</i> , 2011, 142, 671-682.	1.9	11
80	Applicability of the silver amalgam electrode in voltammetric determination of zinc and copper in gastric juice and gastric mucosa of rats. <i>Acta Poloniae Pharmaceutica</i> , 2011, 68, 481-92.	0.3	4
81	Serum zinc level in depressed patients during zinc supplementation of imipramine treatment. <i>Journal of Affective Disorders</i> , 2010, 126, 447-452.	2.0	111
82	Early lifetime zinc supplementation protects zinc-deficient diet-induced alterations. <i>Pharmacological Reports</i> , 2010, 62, 1211-1217.	1.5	9
83	Antidepressant activity of zinc and magnesium in view of the current hypotheses of antidepressant action. <i>Pharmacological Reports</i> , 2008, 60, 588-9.	1.5	105
84	Increase in synaptic hippocampal zinc concentration following chronic but not acute zinc treatment in rats. <i>Brain Research</i> , 2006, 1090, 69-75.	1.1	18
85	Antepartum/postpartum depressive symptoms and serum zinc and magnesium levels. <i>Pharmacological Reports</i> , 2006, 58, 571-6.	1.5	60
86	Direct determination of Pb(II) and Cd(II) ions as impurities in some homeopathic drugs by using stripping voltammetry. <i>Acta Poloniae Pharmaceutica</i> , 2004, 61, 3-7.	0.3	18