

# Jadwiga TurÅ, o

## List of Publications by Year in descending order

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54  
papers

893  
citations

471371

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55  
docs citations

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times ranked

1066  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosynthesis of selenium-containing polysaccharides with antioxidant activity in liquid culture of <i>Hericium erinaceum</i> . <i>Enzyme and Microbial Technology</i> , 2009, 44, 334-343.	1.6	78
2	Effect of selenium enrichment on antioxidant activities and chemical composition of <i>Lentinula edodes</i> (Berk.) Pegl. mycelial extracts. <i>Food and Chemical Toxicology</i> , 2010, 48, 1085-1091.	1.8	78
3	Selenized polysaccharides – Biosynthesis and structural analysis. <i>Carbohydrate Polymers</i> , 2018, 198, 407-417.	5.1	54
4	Enhancement of tacrolimus productivity in <i>Streptomyces tsukubaensis</i> by the use of novel precursors for biosynthesis. <i>Enzyme and Microbial Technology</i> , 2012, 51, 388-395.	1.6	40
5	5-HT Receptors and the Development of New Antidepressants. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9015.	1.8	38
6	Synthesis and biological evaluation of novel pyrrolidine-2,5-dione derivatives as potential antidepressant agents. Part 1. <i>European Journal of Medicinal Chemistry</i> , 2013, 63, 484-500.	2.6	33
7	Colonic indole, gut bacteria metabolite of tryptophan, increases portal blood pressure in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R646-R655.	0.9	29
8	Release of bisphenol A and its derivatives from orthodontic adhesive systems available on the European market as a potential health risk factor. <i>Annals of Agricultural and Environmental Medicine</i> , 2015, 22, 172-177.	0.5	28
9	Synthesis of bicyclic 2,6-diketopiperazines via a three-step sequence involving an Ugi five-center, four-component reaction. <i>Tetrahedron</i> , 2012, 68, 8222-8230.	1.0	22
10	Selenium-containing polysaccharides from <i>Lentinula edodes</i> – Biological activity. <i>Carbohydrate Polymers</i> , 2019, 223, 115078.	5.1	22
11	Synthesis and biological evaluation of new multi-target 3-(1H-indol-3-yl)pyrrolidine-2,5-dione derivatives with potential antidepressant effect. <i>European Journal of Medicinal Chemistry</i> , 2019, 183, 111736.	2.6	21
12	Selenium-Containing Polysaccharides – Structural Diversity, Biosynthesis, Chemical Modifications and Biological Activity. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3717.	1.3	21
13	Identification of bacteria and fungi inhabiting fruiting bodies of Burgundy truffle ( <i>Tuber aestivum</i> ) Tj ETQq1 1 0.784314 rgBT/Overloc	1.0	20
14	Optimization of Selenium-Enriched Mycelium of <i>Lentinula edodes</i> (Berk.) Pegler as a Food Supplement. <i>Food Biotechnology</i> , 2010, 24, 180-196.	0.6	19
15	Novel 4-aryl-pyrido[1,2-c]pyrimidines with dual SSRI and 5-HT1A activity. part 3. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 142-149.	2.6	19
16	Selenium-enriched <i>Coriolus versicolor</i> mushroom biomass: potential novel food supplement with improved selenium bioavailability. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 5122-5130.	1.7	19
17	Novel 4-aryl-pyrido[1,2-c]pyrimidines with dual SSRI and 5-HT1A activity, Part 1. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 1710-1717.	2.6	18
18	Comparison of Chemical Composition in <i>Tuber aestivum</i> Vittad. of Different Geographical Origin. <i>Chemistry and Biodiversity</i> , 2016, 13, 1617-1629.	1.0	17

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19	The biotechnology of higher fungi - current state and perspectives. <i>Acta Universitatis Lodziensis Folia Biologica Et Oecologica</i> , 2014, 10, 49-65.	1.0	16
20	Novel 4-aryl-pyrido[1,2-c]pyrimidines with dual SSRI and 5-HT1A activity. Part 5. <i>European Journal of Medicinal Chemistry</i> , 2015, 98, 221-236.	2.6	16
21	Novel 4-aryl-pyrido[1,2-c]pyrimidines with dual SSRI and 5-HT1A activity: Part 2. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 4702-4715.	2.6	15
22	coupling partners for secondary amino acids. <i>Molecular Diversity</i> , 2014, 18, 61-77.	2.1	15
23	Novel 4-aryl-pyrido[1,2-c]pyrimidines with dual SSRI and 5-HT1A activity. Part 4. <i>European Journal of Medicinal Chemistry</i> , 2015, 90, 21-32.	2.6	15
24	Biological Availability and Preliminary Selenium Speciation in Selenium-Enriched Mycelium of <i>Lentinula edodes</i> (Berk.). <i>Food Biotechnology</i> , 2011, 25, 16-29.	0.6	14
25	Synthesis of novel pyrido[1,2-c]pyrimidine derivatives with rigidized tryptamine moiety as potential SSRI and 5-HT1A receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2019, 166, 144-158.	2.6	14
26	Selective Cytotoxic Activity of Se-Methyl-Seleno-L-Cysteine and Se-Polysaccharide Containing Extracts from Shiitake Medicinal Mushroom, <i>Lentinus edodes</i> (Agaricomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2017, 19, 709-716.	0.9	13
27	Application of <i>Pleurotus ostreatus</i> to efficient removal of selected antidepressants and immunosuppressant. <i>Journal of Environmental Management</i> , 2020, 273, 111131.	3.8	13
28	Structure-activity relationships of the aromatic site in novel anticonvulsant pyrrolo[1,2-a]pyrazine derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6106-6110.	1.0	11
29	Novel fluorinated pyrrolo[1,2-a]pyrazine-2,6-dione derivatives: Synthesis and anticonvulsant evaluation in animal models of epilepsy. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 5410-5427.	1.4	11
30	Synthesis of new 5,6,7,8-tetrahydropyrido[1,2-c]pyrimidine derivatives with rigidized tryptamine moiety as potential SSRI and 5-HT1A receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2019, 180, 383-397.	2.6	11
31	Synthesis of new 4-butyl-aryl piperazine-3-(1H-indol-3-yl)pyrrolidine-2,5-dione derivatives and evaluation for their 5-HT1A and D2 receptor affinity and serotonin transporter inhibition. <i>Bioorganic Chemistry</i> , 2020, 97, 103662.	2.0	11
32	The synthesis of new diastereomers of (4S,8aS)- and (4R,8aS)-4-phenyl-perhydropyrrole[1,2-a]pyrazine-1,3-dione. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 2091-2098.	1.8	10
33	Use of three-carbon chain compounds as biosynthesis precursors to enhance tacrolimus production in <i>Streptomyces tsukubaensis</i> . <i>New Biotechnology</i> , 2015, 32, 32-39.	2.4	10
34	Are Obese Patients with Autism Spectrum Disorder More Likely to Be Selenium Deficient? Research Findings on Pre- and Post-Pubertal Children. <i>Nutrients</i> , 2020, 12, 3581.	1.7	10
35	Efficacy and Safety of Different Formulations of Calcipotriol/Betamethasone Dipropionate in Psoriasis: Gel, Foam, and Ointment. <i>Journal of Clinical Medicine</i> , 2021, 10, 5589.	1.0	9
36	Selective Biological Effects of Selenium-Enriched Polysaccharide (Se-Le-30) Isolated from <i>Lentinula edodes</i> Mycelium on Human Immune Cells. <i>Biomolecules</i> , 2021, 11, 1777.	1.8	9

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37	Multicomponent synthesis and anticonvulsant activity of monocyclic 2,6-diketopiperazine derivatives. <i>Medicinal Chemistry Research</i> , 2014, 23, 2007-2018.	1.1	8
38	Synthesis and biological investigation of new equatorial ( $\hat{1}^2$ ) stereoisomers of 3-aminotropane arylamides with atypical antipsychotic profile. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 3994-4007.	1.4	8
39	Selenium-Containing Exopolysaccharides Isolated from the Culture Medium of <i>Lentinula edodes</i> : Structure and Biological Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13039.	1.8	8
40	The synthesis and conformational analysis of optical isomers of 4-phenyl-perhydropyrido[1,2-a]pyrazine-1,3-dione: an example of "solid state" frozen dynamics in nitrogen-bridged bicyclic 2,6-diketopiperazines. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1759-1766.	1.8	7
41	Characterization of Disopyramide derivative ADD424042 as a non-cardiotoxic neuronal sodium channel blocker with broad-spectrum anticonvulsant activity in rodent seizure models. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 81, 42-51.	1.9	7
42	Production of bioactive selenium enriched crude exopolysaccharides via selenourea and sodium selenite bioconversion using <i>Trametes versicolor</i> . <i>Food Bioscience</i> , 2021, 42, 101046.	2.0	7
43	Stimulation of phenolic compounds production in the in vitro cultivated <i>Polyscias filicifolia</i> Bailey shoots and evaluation of the antioxidant and cytotoxic potential of plant extracts. <i>Acta Societatis Botanicorum Poloniae</i> , 2018, 87, .	0.8	7
44	Turkey Tail Medicinal Mushroom, <i>Trametes versicolor</i> (Agaricomycetes), Crude Exopolysaccharides with Antioxidative Activity. <i>International Journal of Medicinal Mushrooms</i> , 2020, 22, 885-895.	0.9	6
45	HPLC analysis of potentially harmful substances released from dental filing materials available on the EU market. <i>Annals of Agricultural and Environmental Medicine</i> , 2014, 21, 86-90.	0.5	6
46	Synthesis of New Perhydropyrrolo[1,2-a]pyrazine Derivatives and Their Evaluation in Animal Models of Epilepsy. <i>Molecules</i> , 2014, 19, 15955-15981.	1.7	5
47	Submerged cultivation of <i>Streptomyces tsukubaensis</i> in media composed of waste products of food industry. <i>Acta Poloniae Pharmaceutica</i> , 2006, 63, 463-5.	0.3	5
48	Identification of the Primary Structure of Selenium-Containing Polysaccharides Selectively Inhibiting T-Cell Proliferation. <i>Molecules</i> , 2021, 26, 5404.	1.7	4
49	Optimization of White-Rot Fungi Mycelial Culture Components for Bioremediation of Pharmaceutical-Derived Pollutants. <i>Water (Switzerland)</i> , 2022, 14, 1374.	1.2	4
50	Accumulation of zinc by the <i>lentinus edodes</i> (Berk.) mycelium cultivated in submerged culture. <i>Acta Poloniae Pharmaceutica</i> , 2007, 64, 45-51.	0.3	3
51	Synthesis and biological investigations of $\hat{3}^2$ -aminotropane arylamide derivatives with atypical antipsychotic profile. <i>Medicinal Chemistry Research</i> , 2018, 27, 1906-1928.	1.1	2
52	Structure-activity relationship and cardiac safety of 2-aryl-2-(pyridin-2-yl)acetamides as a new class of broad-spectrum anticonvulsants derived from Disopyramide. <i>Bioorganic Chemistry</i> , 2020, 98, 103717.	2.0	2
53	Synthesis of a New Scaffold: the 7H,8H-Pyrimido[1,6-b]pyridazin-6,8-dione Nucleus. <i>Molecules</i> , 2007, 12, 2643-2657.	1.7	1
54	Isolation of lentinan, an immunomodulating (1-3)- $\beta$ -D-glucan from submerged cultivated mycelium of <i>Lentinus edodes</i> and culture medium. <i>Acta Poloniae Pharmaceutica</i> , 2004, 61 Suppl, 40-2.	0.3	1