Mirjana StajiÄ

List of Publications by Year
in descending order

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59 papers	995 citations	516215 16 h-index	454577 30 g-index
59 all docs	59 docs citations	59 times ranked	1180 citing authors

#	Article	IF	Citations
1	Effect of different carbon and nitrogen sources on laccase and peroxidases production by selected Pleurotus species. Enzyme and Microbial Technology, 2006, 38, 65-73.	1.6	163
2	Lignin degradation by selected fungal species. Bioresource Technology, 2013, 138, 117-123.	4.8	125
3	Biology ofPleurotus eryngiiand role in biotechnological processes: a review. Critical Reviews in Biotechnology, 2009, 29, 55-66.	5.1	64
4	Biological activity of Ganoderma lucidum basidiocarps cultivated on alternative and commercial substrate. Journal of Ethnopharmacology, 2014, 155, 312-319.	2.0	59
5	Biological activities and chemical composition of Salvia amplexicaulis Lam. extracts. Industrial Crops and Products, 2017, 105, 1-9.	2.5	47
6	Potential of Trametes species to degrade lignin. International Biodeterioration and Biodegradation, 2013, 85, 52-56.	1.9	37
7	Antioxidant Protective Effects of Mushroom Metabolites. Current Topics in Medicinal Chemistry, 2013, 13, 2660-2676.	1.0	33
8	Degradation of wheat straw and oak sawdust by Ganoderma applanatum. International Biodeterioration and Biodegradation, 2016, 114, 39-44.	1.9	28
9	Potential ofPleurotus ostreatusMycelium for Selenium Absorption. Scientific World Journal, The, 2014, 2014, 1-8.	0.8	26
10	Screening of Laccase, Manganese Peroxidase, and Versatile Peroxidase Activities of the Genus <I>Pleurotus</I> in Media With Some Raw Plant Materials as Carbon Sources. Applied Biochemistry and Biotechnology, 2004, 117, 155-164.	1.4	25
11	In vitrotoxicity of selected fungicides from the groups of benzimidazoles and demethylation inhibitors toCladobotryum dendroidesandAgaricus bisporus. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2009, 44, 365-370.	0.7	24
12	Effect of Copper and Manganese Ions on Activities of Laccase and Peroxidases in Three <I>Pleurotus</I> Species Grown on Agricultural Wastes. Applied Biochemistry and Biotechnology, 2006, 128, 087-096.	1.4	23
13	Toxicity of biofungicide Timorex 66 EC to Cladobotryum dendroides and Agaricus bisporus. Crop Protection, 2010, 29, 290-294.	1.0	22
14	Potential of selected fungal species to degrade wheat straw, the most abundant plant raw material in Europe. BMC Plant Biology, 2017, 17, 249.	1.6	21
15	Intraspecific Diversity within Ganoderma lucidum in the Production of Laccase and Mn-Oxidizing Peroxidases During Plant Residues Fermentation. Applied Biochemistry and Biotechnology, 2010, 162, 408-415.	1.4	19
16	Induction of wheat straw delignification by Trametes species. Scientific Reports, 2016, 6, 26529.	1.6	18
17	Fungicide sensitivity ofTrichodermaspp. fromAgaricus bisporusfarms in Serbia. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2015, 50, 607-613.	0.7	17
18	Sensitivity of Mycogone perniciosa, Pathogen of Culinary-Medicinal Button Mushroom Agaricus bisporus (J. Lge) Imbach (Agaricomycetideae), to Selected Fungicides and Essential Oils. International Journal of Medicinal Mushrooms, 2010, 12, 91-98.	0.9	15

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19	Potential Enrichment of Medicinal Mushrooms with Selenium to Obtain New Dietary Supplements. International Journal of Medicinal Mushrooms, 2013, 15, 449-455.	0.9	15
20	Antioxidant, antifungal and anticancer activities of se-enriched Pleurotus spp. mycelium extracts. Archives of Biological Sciences, 2014, 66, 1379-1388.	0.2	14
21	The effect of trace elements on wheat straw degradation by Trametes gibbosa. International Biodeterioration and Biodegradation, 2014, 96, 152-156.	1.9	14
22	Antigenotoxic Effect ofTrametesspp. Extracts against DNA Damage on Human Peripheral White Blood Cells. Scientific World Journal, The, 2015, 2015, 1-10.	0.8	13
23	Mycelial Growth of Edible and Medicinal Oyster Mushroom [Pleurotus ostreatus (Jacq.: Fr.) Kumm.] on Selenium-Enriched Media. International Journal of Medicinal Mushrooms, 2002, 4, 4.	0.9	13
24	Fungicide sensitivity of selected Verticillium fungicola isolates from Agaricus bisporus farms. Archives of Biological Sciences, 2008, 60, 151-157.	0.2	13
25	Degradation of beech wood and wheat straw by Trametes gibbosa. Wood Science and Technology, 2017, 51, 1227-1247.	1.4	12
26	Toxicity of fungicides with different modes of action toCladobotryum dendroidesandAgaricus bisporus. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2009, 44, 823-827.	0.7	11
27	Optimization of Submerged Cultivation Conditions for Extra- and Intracellular Polysaccharide Production by Medicinal Ling Zhi or Reishi Mushroom Ganoderma lucidum (W. Curt.: Fr.) P. Karst. (Aphyllophoromycetideae). International Journal of Medicinal Mushrooms, 2008, 10, 351-360.	0.9	11
28	A Comparative Assessment of the Potential of Polysaccharide Production and Intracellular Sugar Composition within Lingzhi or Reishi Medicinal Mushroom, Ganoderma lucidum (W.Curt.:Fr.)P. Karst. (Aphyllophoromycetideae). International Journal of Medicinal Mushrooms, 2011, 13, 153-158.	0.9	11
29	Interaction of Trace Elements and Ligninolytic Enzymes in Pleurotus eryngii. Biological Trace Element Research, 2011, 143, 1202-1208.	1.9	10
30	Species of Genus Ganoderma (Agaricomycetes) Fermentation Broth: A Novel Antioxidant and Antimicrobial Agent. International Journal of Medicinal Mushrooms, 2016, 18, 397-404.	0.9	8
31	Oxidative Stress and Species of Genus Ganoderma (Higher Basidiomycetes). International Journal of Medicinal Mushrooms, 2013, 15, 21-28.	0.9	8
32	Pleurotus ostreatus and Laetiporus sulphureus (Agaricomycetes): Possible Agents against Alzheimer and Parkinson Diseases. International Journal of Medicinal Mushrooms, 2019, 21, 275-289.	0.9	6
33	Role of Mushroom Mn-Oxidizing Peroxidases in Biomass Conversion. Biofuel and Biorefinery Technologies, 2016, , 251-269.	0.1	5
34	Stimulation of Wood Degradation by Daedaleopsis confragosa and D. tricolor. Applied Biochemistry and Biotechnology, 2019, 187, 1371-1383.	1.4	5
35	Effects of Selenium Presence in Mycelia of Ganoderma species (Higher Basidiomycetes) on Their Medicinal Properties. International Journal of Medicinal Mushrooms, 2015, 17, 11-20.	0.9	5
36	Mushrooms as Potent Sources of New Biofungicides. Current Pharmaceutical Biotechnology, 2018, 18, 1055-1066.	0.9	5

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37	Trametes suaveolens as ligninolytic enzyme producer. Zbornik Matice Srpske Za Prirodne Nauke, 2013, , 437-444.	0.0	5
38	Wheat Straw Degradation by Trametes gibbosa: The Effect of Calcium Ions. Waste and Biomass Valorization, 2018, 9, 1903-1908.	1.8	4
39	Do Ganoderma lucidum and Salvia officinalis extracts exhibit synergistic antioxidant and antineurodegenerative effects?. Journal of Food Measurement and Characterization, 2019, 13, 3357-3365.	1.6	4
40	Obtaining Cellulose-Available Raw Materials by Pretreatment of Common Agro-Forestry Residues With Pleurotus spp.. Frontiers in Bioengineering and Biotechnology, 2021, 9, 720473.	2.0	4
41	Effect of cultivation conditions on ligninolytic enzyme production by Ganoderma carnosum. Zbornik Matice Srpske Za Prirodne Nauke, 2009, , 289-295.	0.0	4
42	DEVELOPMENT OF REPRODUCTIVE STRUCTURES OF Phomopsis helianthi Munt.-Cvet. et al. AND Phoma macdonaldii Boerema ON SUNFLOWER SEEDS / DESARROLLO DE ORGANOS REPRODUCTIVOS DE Phomopsis helianthi Munt.-Cvet. et al. Y Phoma macdonaldii Boerema EN LAS SEMILLAS DE GIRASOL / DÃ‰VELOPPEMENT DES ORGANES REPRODUCTEURS DU Phomopsis helianthi Munt.-Cvet. et al. ET DE Phoma macdonaldii Boerema SUR LES ACHÂNES DE TOURNESOL. Helia, 2001, 24, 83-94.	0.0	3
43	Activity of Mn-Oxidizing Peroxidases of Ganoderma lucidum Depending on Cultivation Conditions. BioResources, 2015, 11, .	0.5	3
44	Mushrooms as Potential Natural Cytostatics. , 2019, , 143-168.		3
45	Genoprotective Capacity of Alternatively Cultivated Lingzhi or Reishi Medicinal Mushroom, Ganoderma lucidum (Agaricomycetes), Basidiocarps. International Journal of Medicinal Mushrooms, 2016, 18, 1061-1069.	0.9	3
46	Effect of medium pH and cultivation period on mycelial biomass, polysaccharide, and ligninolytic enzyme production by Ganoderma lucidum from Montenegro. Archives of Biological Sciences, 2006, 58, 179-182.	0.2	3
47	Impact of fungicides used for wheat treatment on button mushroom cultivation. Pesticidi I Fitomedicina = Pesticides and Phytomedicine, 2012, 27, 9-14.	0.1	2
48	Influence of the cultivation conditions on ligninolytic enzyme production in Pleurotus pulmonarius. Zbornik Matice Srpske Za Prirodne Nauke, 2007, , 303-312.	0.0	2
49	Antifungal, Antioxidative, and Genoprotective Properties of Extracts from the Blushing Bracket Mushroom, Daedaleopsis confragosa (Agaricomycetes). International Journal of Medicinal Mushrooms, 2017, 19, 509-520.	0.9	2
50	Ganoderma lucidum - from tradition to modern medicine. Zbornik Matice Srpske Za Prirodne Nauke, 2017, , 151-161.	0.0	2
51	HYPSIZYGUS MARMOREUS â€“ A NOVEL POTENT DEGRADER OF LIGNOCELLULOSE RESIDUES. Cellulose Chemistry and Technology, 2020, 54, 977-982.	0.5	2
52	"GANODERMA LUCIDUM AND G. TSUGAE â€“ A WELL-KNOWN LIGNIN DEGRADING SPECIES AS TRANSFORMATORS OF INSUFFICIENTLY UTILIZED LIGNOCELLULOSIC WASTE". Cellulose Chemistry and Technology, 2022, 56, 593-601.	0.5	2
53	Antioxidative and antimicrobial potentials of Parmelia saxatilis and Pseudoevernia furfuracea. Zbornik Matice Srpske Za Prirodne Nauke, 2016, , 9-18.	0.0	1
54	Antioxidative potential of daedaleopsis tricolor basidiocarps and mycelium. Zbornik Matice Srpske Za Prirodne Nauke, 2017, , 19-27.	0.0	1

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55	Dynamics of ligninolytic enzyme production in Ganoderma applanatum depending on cultivation type. Zbornik Matice Srpske Za Prirodne Nauke, 2011, , 327-331.	0.0	0
56	Ligninolytic enzyme production by Lenzites betulinus on selected plant raw materials. Zbornik Matice Srpske Za Prirodne Nauke, 2011, , 333-338.	0.0	0
57	Ligninolytic enzyme production in Pleurotus eryngii depending on the medium composition and cultivation conditions. Zbornik Matice Srpske Za Prirodne Nauke, 2005, , 269-276.	0.0	0
58	Ability of Pleurotus eryngii mycelium to absorb selenium depending on the selenium source and concentration in medium. Zbornik Matice Srpske Za Prirodne Nauke, 2007, , 227-233.	0.0	0
59	â€œGreenâ€•approach in utilization of common agroforestry residues by Laetiporus sulphureus enzymesâ€™ cocktail. Zbornik Matice Srpske Za Prirodne Nauke, 2021, , 49-57.	0.0	0