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List of Publications by Year
in descending order

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27 papers	607 citations	686830 13 h-index	610482 24 g-index
28 all docs	28 docs citations	28 times ranked	901 citing authors

#	Article	IF	Citations
1	Extracellular polysaccharides from Ascomycota and Basidiomycota: production conditions, biochemical characteristics, and biological properties. World Journal of Microbiology and Biotechnology, 2015, 31, 1823-1844.	1.7	97
2	New Bioactive Fungal Molecules with High Antioxidant and Antimicrobial Capacity Isolated fromCerrena unicolorIdiophasic Cultures. BioMed Research International, 2013, 2013, 1-11.	0.9	65
3	Amphotericin B-silver hybrid nanoparticles: synthesis, properties and antifungal activity. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 1095-1103.	1.7	54
4	Exopolysaccharide fromGanoderma applanatumas a Promising Bioactive Compound with Cytostatic and Antibacterial Properties. BioMed Research International, 2014, 2014, 1-10.	0.9	50
5	Fungus Cerrena unicolor as an effective source of new antiviral, immunomodulatory, and anticancer compounds. International Journal of Biological Macromolecules, 2015, 79, 459-468.	3.6	41
6	Laccase purified from Cerrena unicolor exerts antitumor activity against leukemic cells. Oncology Letters, 2016, 11, 2009-2018.	0.8	32
7	Purification and characterization of laccase from Sinorhizobium meliloti and analysis of the lacc gene. International Journal of Biological Macromolecules, 2016, 92, 138-147.	3.6	31
8	Laccase-mediated synthesis of a phenoxazine compound with antioxidative and dyeing properties â€“ the optimisation process. New Biotechnology, 2016, 33, 255-262.	2.4	25
9	Characterization of cellobiose dehydrogenase and its FAD-domain from the ligninolytic basidiomycete Pycnoporus sanguineus. Enzyme and Microbial Technology, 2013, 53, 427-437.	1.6	20
10	Characterization of Cellobiose Dehydrogenase from a Biotechnologically Important Cerrena unicolor Strain. Applied Biochemistry and Biotechnology, 2015, 176, 1638-1658.	1.4	20
11	Antimicrobial and antioxidative potential of free and immobilised cellobiose dehydrogenase isolated from wood degrading fungi. Fungal Biology, 2019, 123, 875-886.	1.1	18
12	Fungal polysaccharides as a water-adsorbing material in esters production with the use of lipase from Rhizomucor variabilis. International Journal of Biological Macromolecules, 2018, 118, 957-964.	3.6	15
13	Structure and Bioactive Properties of Novel Textile Dyes Synthesised by Fungal Laccase. International Journal of Molecular Sciences, 2020, 21, 2052.	1.8	14
14	Differences in Production, Composition, and Antioxidant Activities of Exopolymeric Substances (EPS) Obtained from Cultures of Endophytic Fusarium culmorum Strains with Different Effects on Cereals. Molecules, 2020, 25, 616.	1.7	14
15	Effective Stimulation of the Biotechnological Potential of the Medicinal White Rot Fungus: Phellinus pini by Menadione-Mediated Oxidative Stress. Applied Biochemistry and Biotechnology, 2014, 174, 644-656.	1.4	12
16	Effect of different wavelengths of light on laccase, cellobiose dehydrogenase, and proteases produced by Cerrena unicolor, Pycnoporus sanguineus and Phlebia lindtneri.. Acta Biochimica Polonica, 2016, 63, 223-8.	0.3	12
17	The Influence of Biochemical Modification on the Properties of Adhesive Compounds. Polymers, 2017, 9, 9.	2.0	12
18	Bacterial exopolysaccharides as a modern biotechnological tool for modification of fungal laccase properties and metal ion binding. Bioprocess and Biosystems Engineering, 2018, 41, 973-989.	1.7	11

#	Article	IF	Citations
19	Correlation between the production of exopolysaccharides and oxalic acid secretion by Ganoderma applanatum and Tyromyces palustris. World Journal of Microbiology and Biotechnology, 2014, 30, 3065-3074.	1.7	9
20	Stimulation of the Antioxidative and Antimicrobial Potential of the Blood Red Bracket Mushroom Pycnoporus sanguineus (Higher Basidiomycetes). International Journal of Medicinal Mushrooms, 2015, 17, 701-712.	0.9	9
21	New alkaline lipase from Rhizomucor variabilis: Biochemical properties and stability in the presence of microbial EPS. Biotechnology and Applied Biochemistry, 2016, 63, 67-76.	1.4	8
22	Serine Protease Inhibitorsâ€"New Molecules for Modification of Polymeric Biomaterials. Biomolecules, 2020, 10, 82.	1.8	8
23	Natural microbial polysaccharides as effective factors for modification of the catalytic properties of fungal cellobiose dehydrogenase. Archives of Microbiology, 2021, 203, 4433-4448.	1.0	7
24	Effect of exopolysaccharide from Ganoderma applanatum on the electrical properties of mouse fibroblast cells line L929 culture using an electric cell-substrate impedance sensing (ECIS) â€“ Preliminary study. Annals of Agricultural and Environmental Medicine, 2016, 23, 280-284.	0.5	7
25	(1â†'3)-Î±-d-Glucan from Fruiting Body and Mycelium ofCerrena unicolor(Bull.) Murrill: Structural Characterization and Use as a Novel Inducer of Mutanase. International Journal of Polymer Science, 2017, 2017, 1-9.	1.2	6
26	Applications of Fungal Polysaccharides. , 2021, , 613-628.		5
27	Complex Biochemical Analysis of Fruiting Bodies from Newly Isolated Polish Flammulina velutipes Strains. Polish Journal of Microbiology, 2016, 65, 295-306.	0.6	4