

Anastasia Zerva

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Evaluation of Basidiomycetes Wild Strains Grown in Agro-Industrial Residues for Their Anti-Tyrosinase and Antioxidant Potential and for the Production of Biocatalysts. <i>Fermentation</i> , 2021, 7, 19.	1.4	4
2	Discovery of two novel laccase-like multicopper oxidases from <i>Pleurotus citrinopileatus</i> and their application in phenolic oligomer synthesis. <i>Biotechnology for Biofuels</i> , 2021, 14, 83.	6.2	15
3	Synthesis and Laccase-Mediated Oxidation of New Condensed 1,4-Dihydropyridine Derivatives. <i>Catalysts</i> , 2021, 11, 727.	1.6	5
4	Î ² -Glucosidase and Î ² -Galactosidase-Mediated Transglycosylation of Steviol Glycosides Utilizing Industrial Byproducts. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 685099.	2.0	6
5	A novel thermophile Î ² -galactosidase from <i>Thermothielavioides terrestris</i> producing galactooligosaccharides from acid whey. <i>New Biotechnology</i> , 2021, 63, 45-53.	2.4	25
6	Recent advances on key enzymatic activities for the utilisation of lignocellulosic biomass. <i>Bioresource Technology</i> , 2021, 342, 126058.	4.8	22
7	Screening of Recombinant Lignocellulolytic Enzymes Through Rapid Plate Assays. <i>Methods in Molecular Biology</i> , 2021, 2178, 479-503.	0.4	1
8	A fungal family of lytic polysaccharide monooxygenase-like copper proteins. <i>Nature Chemical Biology</i> , 2020, 16, 345-350.	3.9	63
9	A new synergistic relationship between xylan-active LPMO and xylobiohydrolase to tackle recalcitrant xylan. <i>Biotechnology for Biofuels</i> , 2020, 13, 142.	6.2	33
10	Crosslinked Enzyme Aggregates (CLEAs) of Laccases from <i>Pleurotus citrinopileatus</i> Induced in Olive Oil Mill Wastewater (OOMW). <i>Molecules</i> , 2020, 25, 2221.	1.7	22
11	FTacV study of electroactive immobilized enzyme/free substrate reactions: Enzymatic catalysis of epinephrine by a multicopper oxidase from <i>Thermothelomyces thermophila</i> . <i>Bioelectrochemistry</i> , 2020, 134, 107538.	2.4	4
12	Applications of Microbial Laccases: Patent Review of the Past Decade (2009â€“2019). <i>Catalysts</i> , 2019, 9, 1023.	1.6	65
13	Thermophilic enzyme systems for efficient conversion of lignocellulose to valuable products: Structural insights and future perspectives for esterases and oxidative catalysts. <i>Bioresource Technology</i> , 2019, 279, 362-372.	4.8	29
14	A novel thermophilic laccase-like multicopper oxidase from <i>Thermothelomyces thermophila</i> and its application in the oxidative cyclization of 2â€²,3,4-trihydroxychalcone. <i>New Biotechnology</i> , 2019, 49, 10-18.	2.4	29
15	Optimization of Transesterification Reactions with CLEA-Immobilized Feruloyl Esterases from <i>Thermothelomyces thermophila</i> and <i>Talaromyces wortmannii</i> . <i>Molecules</i> , 2018, 23, 2403.	1.7	12
16	Biocatalytic Synthesis of Fungal Î ² -Glucans. <i>Catalysts</i> , 2018, 8, 274.	1.6	20
17	Cross-Linked Enzyme Aggregates of Feruloyl Esterase Preparations from <i>Thermothelomyces thermophila</i> and <i>Talaromyces wortmannii</i> . <i>Catalysts</i> , 2018, 8, 208.	1.6	16
18	Degradation of olive mill wastewater by the induced extracellular ligninolytic enzymes of two wood-rot fungi. <i>Journal of Environmental Management</i> , 2017, 203, 791-798.	3.8	42

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19	Valorization of Olive Mill Wastewater for the Production of β -glucans from Selected Basidiomycetes. Waste and Biomass Valorization, 2017, 8, 1721-1731.	1.8	14
20	Kinetic and amperometric study of the Mt PerII peroxidase isolated from the ascomycete fungus Myceliophthora thermophila. Bioelectrochemistry, 2017, 118, 19-24.	2.4	6
21	Bioconversion of Biomass-Derived Phenols Catalyzed by Myceliophthora thermophila Laccase. Molecules, 2016, 21, 550.	1.7	21
22	Characterization and application of a novel class II thermophilic peroxidase from Myceliophthora thermophila in biosynthesis of polycatechol. Enzyme and Microbial Technology, 2015, 75-76, 49-56.	1.6	12
23	Evaluation of Paecilomyces variotii potential in bioethanol production from lignocellulose through consolidated bioprocessing. Bioresource Technology, 2014, 162, 294-299.	4.8	43
24	Homologous overexpression of xylanase in Fusarium oxysporum increases ethanol productivity during consolidated bioprocessing (CBP) of lignocellulosics. Journal of Biotechnology, 2011, 152, 16-23.	1.9	58