

# Anastasia Zerva

## List of Publications by Year in descending order

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24  
papers

567  
citations

623188

14  
h-index

610482

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

834  
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of Microbial Laccases: Patent Review of the Past Decade (2009–2019). <i>Catalysts</i> , 2019, 9, 1023.	1.6	65
2	A fungal family of lytic polysaccharide monooxygenase-like copper proteins. <i>Nature Chemical Biology</i> , 2020, 16, 345-350.	3.9	63
3	Homologous overexpression of xylanase in <i>Fusarium oxysporum</i> increases ethanol productivity during consolidated bioprocessing (CBP) of lignocellulosics. <i>Journal of Biotechnology</i> , 2011, 152, 16-23.	1.9	58
4	Evaluation of <i>Paecilomyces variotii</i> potential in bioethanol production from lignocellulose through consolidated bioprocessing. <i>Bioresource Technology</i> , 2014, 162, 294-299.	4.8	43
5	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
6	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
7	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
8	A novel thermophilic laccase-like multicopper oxidase from <i>Thermothelomyces thermophila</i> and its application in the oxidative cyclization of 2,3,4-trihydroxychalcone. <i>New Biotechnology</i> , 2019, 49, 10-18.	2.4	29
9	A novel thermophile $\beta$ -galactosidase from <i>Thermothielavioides terrestris</i> producing galactooligosaccharides from acid whey. <i>New Biotechnology</i> , 2021, 63, 45-53.	2.4	25
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	Recent advances on key enzymatic activities for the utilisation of lignocellulosic biomass. <i>Bioresource Technology</i> , 2021, 342, 126058.	4.8	22
12	Bioconversion of Biomass-Derived Phenols Catalyzed by <i>Myceliophthora thermophila</i> Laccase. <i>Molecules</i> , 2016, 21, 550.	1.7	21
13	Biocatalytic Synthesis of Fungal $\beta$ -Glucans. <i>Catalysts</i> , 2018, 8, 274.	1.6	20
14	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
15	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
16	Valorization of Olive Mill Wastewater for the Production of $\beta$ -glucans from Selected Basidiomycetes. <i>Waste and Biomass Valorization</i> , 2017, 8, 1721-1731.	1.8	14
17	Characterization and application of a novel class II thermophilic peroxidase from <i>Myceliophthora thermophila</i> in biosynthesis of polycatechol. <i>Enzyme and Microbial Technology</i> , 2015, 75-76, 49-56.	1.6	12
18	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

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19	Kinetic and amperometric study of the Mt PerII peroxidase isolated from the ascomycete fungus <i>Myceliophthora thermophila</i> . <i>Bioelectrochemistry</i> , 2017, 118, 19-24.	2.4	6
20	Î <sup>2</sup> -Glucosidase and Î <sup>2</sup> -Galactosidase-Mediated Transglycosylation of Steviol Glycosides Utilizing Industrial Byproducts. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 685099.	2.0	6
21	Synthesis and Laccase-Mediated Oxidation of New Condensed 1,4-Dihydropyridine Derivatives. <i>Catalysts</i> , 2021, 11, 727.	1.6	5
22	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
23	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
24	Screening of Recombinant Lignocellulolytic Enzymes Through Rapid Plate Assays. <i>Methods in Molecular Biology</i> , 2021, 2178, 479-503.	0.4	1