

# Carolina Peñ̃a-Montes

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

226  
citations

1039880

9  
h-index

996849

15  
g-index

19  
all docs

19  
docs citations

19  
times ranked

253  
citing authors

#	ARTICLE	IF	CITATIONS
1	Purification and biochemical characterization of a broad substrate specificity thermostable alkaline protease from <i>Aspergillus nidulans</i> . <i>Applied Microbiology and Biotechnology</i> , 2008, 78, 603-612.	1.7	35
2	ANCUT2, an Extracellular Cutinase from <i>Aspergillus nidulans</i> Induced by Olive Oil. <i>Applied Biochemistry and Biotechnology</i> , 2012, 166, 1275-1290.	1.4	27
3	Antibacterial activity produced by <i>Enterococcus</i> spp. isolated from an artisanal Mexican dairy product, Cotija cheese. <i>LWT - Food Science and Technology</i> , 2014, 59, 26-34.	2.5	25
4	ANCUT2, a Thermo-alkaline Cutinase from <i>Aspergillus nidulans</i> and Its Potential Applications. <i>Applied Biochemistry and Biotechnology</i> , 2017, 182, 1014-1036.	1.4	19
5	Phenylpropanoids Are Connected to Cell Wall Fortification and Stress Tolerance in Avocado Somatic Embryogenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5679.	1.8	18
6	Expression of a Cutinase of <i>Moniliophthora roreri</i> with Polyester and PET-Plastic Residues Degradation Activity. <i>Microbiology Spectrum</i> , 2021, 9, e0097621.	1.2	17
7	Expression, purification, and characterization of a bifunctional 99-kDa peptidoglycan hydrolase from <i>Pediococcus acidilactici</i> ATCC 8042. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 8563-8573.	1.7	16
8	Immobilization and Biochemical Properties of the Enantioselective Recombinant NStcI Esterase of <i>Aspergillus nidulans</i> . <i>Enzyme Research</i> , 2013, 2013, 1-11.	1.8	13
9	Regulation of the cutinases expressed by <i>Aspergillus nidulans</i> and evaluation of their role in cutin degradation. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 3863-3874.	1.7	12
10	Preventive Action of Sterculic Oil on Metabolic Syndrome Development on a Fructose-Induced Rat Model. <i>Journal of Medicinal Food</i> , 2020, 23, 305-311.	0.8	10
11	Beneficial effects of an algal oil rich in 3 polyunsaturated fatty acids on locomotor function and D2 dopamine receptor in haloperidol-induced parkinsonism. <i>Nutritional Neuroscience</i> , 2020, , 1-11.	1.5	9
12	Beneficial Effects of Fructooligosaccharides Esterified with Lauric Acid in a Metabolic Syndrome Model Induced by a High-Fat and High-Carbohydrate Diet in Wistar Rats. <i>Journal of Medicinal Food</i> , 2022, 25, 828-835.	0.8	7
13	Differences in biocatalytic behavior between two variants of StcI esterase from <i>Aspergillus nidulans</i> and its potential use in biocatalysis. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009, 61, 225-234.	1.8	4
14	Evaluation of Strategies to Improve the Production of Alkaline Protease PrtA from <i>Aspergillus nidulans</i> . <i>Applied Biochemistry and Biotechnology</i> , 2013, 169, 1672-1682.	1.4	4
15	In Vitro Encapsulation of Heterologous dsDNA Into Human Parvovirus B19 Virus-Like Particles. <i>Molecular Biotechnology</i> , 2015, 57, 309-317.	1.3	4
16	Inhibition of Stearoyl-CoA Desaturase by Sterculic Oil Reduces Proliferation and Induces Apoptosis in Prostate Cancer Cell Lines. <i>Nutrition and Cancer</i> , 2022, 74, 1308-1321.	0.9	4
17	Unique Microorganisms Inhabit Extreme Soils. <i>Microorganisms for Sustainability</i> , 2019, , 39-73.	0.4	2
18	Molecular characterization of StcI esterase from <i>Aspergillus nidulans</i> . <i>Applied Microbiology and Biotechnology</i> , 2009, 84, 917-926.	1.7	0

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19	Metagenomic Approach to Bacterial Diversity and Lipolytic Enzymesâ€™ Genes from a Steam Soil of Los Humeros Geothermal Field (Puebla, MÃ©xico). Geomicrobiology Journal, 2021, 38, 304-314.	1.0	0