

Fernando Martinez-Morales

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2134468/publications.pdf>

Version: 2024-02-01

24
papers

833
citations

516710

16
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

1050
citing authors

#	ARTICLE	IF	CITATIONS
1	Enteric Bacterial Catalysts for Fuel Ethanol Production. <i>Biotechnology Progress</i> , 1999, 15, 855-866.	2.6	231
2	Pathways for phosphatidylcholine biosynthesis in bacteria. <i>Microbiology (United Kingdom)</i> , 2003, 149, 3461-3471.	1.8	85
3	Phosphatidylcholine synthesis is required for optimal function of <i>Legionella pneumophila</i> virulence determinants. <i>Cellular Microbiology</i> , 2007, 10, 071103031556001-???	2.1	76
4	Benzo[a]pyrene removal by axenic- and co-cultures of some bacterial and fungal strains. <i>International Biodeterioration and Biodegradation</i> , 2010, 64, 538-544.	3.9	57
5	Statistical Design, a Powerful Tool for Optimizing Biosurfactant Production: A Review. <i>Colloids and Interfaces</i> , 2018, 2, 36.	2.1	47
6	Yeast Surface Display System: Strategies for Improvement and Biotechnological Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 794742.	4.1	37
7	Upgrading Laccase Production and Biochemical Properties: Strategies and Challenges. <i>Biotechnology Progress</i> , 2017, 33, 1015-1034.	2.6	36
8	Biochemical and molecular characterization of laccase isoforms produced by the white-rot fungus <i>Trametes versicolor</i> under submerged culture conditions. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015, 122, 339-347.	1.8	34
9	Identification of a Huperzine A-producing endophytic fungus from <i>Phlegmarius taxifolius</i> . <i>Molecular Biology Reports</i> , 2020, 47, 489-495.	2.3	22
10	Induction of laccases in <i>Trametes versicolor</i> by aqueous wood extracts. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 135-142.	3.6	21
11	Production, purification and biochemical characterization of two laccase isoforms produced by <i>Trametes versicolor</i> grown on oak sawdust. <i>Biotechnology Letters</i> , 2015, 37, 391-396.	2.2	21
12	Improved production, purification, and characterization of biosurfactants produced by <i>Serratia marcescens</i> SM3 and its isogenic SMRG Δ 5 strain. <i>Biotechnology and Applied Biochemistry</i> , 2018, 65, 690-700.	3.1	21
13	Site directed mutants of Noxiustoxin reveal specific interactions with potassium channels. <i>FEBS Letters</i> , 1998, 429, 381-384.	2.8	20
14	Functional expression, production, and biochemical characterization of a laccase using yeast surface display technology. <i>Fungal Biology</i> , 2016, 120, 1609-1622.	2.5	19
15	Production and application of a thermostable lipase from <i>Serratia marcescens</i> in detergent formulation and biodiesel production. <i>Biotechnology and Applied Biochemistry</i> , 2018, 65, 156-172.	3.1	18
16	<i>Pleurotus ostreatus</i> laccase recovery from residual compost using aqueous two-phase systems. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 2235-2242.	3.2	17
17	Efficient removal of azo-dye Orange II by fungal biomass absorption and laccase enzymatic treatment. <i>3 Biotech</i> , 2020, 10, 146.	2.2	16
18	Functional and topological analysis of phosphatidylcholine synthase from <i>Sinorhizobium meliloti</i> . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 573-581.	2.4	15

#	ARTICLE	IF	CITATIONS
19	Characterization of <i>Enterobacter cloacae</i> BAGM01 Producing a Thermostable and Alkaline-Tolerant Rhamnolipid Biosurfactant from the Gulf of Mexico. <i>Marine Biotechnology</i> , 2021, 23, 106-126.	2.4	13
20	Synthesis and expression of the gene coding for noxiustoxin, a K ⁺ channel-blocking peptide from the venom of the scorpion <i>Centruroides noxius</i> . <i>Toxicon</i> , 1996, 34, 1413-1419.	1.6	7
21	Assessment of non-cultured aquatic fungal diversity from different habitats in Mexico. <i>Revista Mexicana De Biodiversidad</i> , 2016, 87, 18-28.	0.4	7
22	Anti-inflammatory compounds produced in hairy roots culture of <i>Sphaeralcea angustifolia</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2022, 149, 351-361.	2.3	7
23	Microbial prospection of communities that produce biosurfactants from the water column and sediments of the Gulf of Mexico. <i>Biotechnology and Applied Biochemistry</i> , 2020, , .	3.1	3
24	Laccase treatment of phenolic compounds for bioethanol production and the impact of these compounds on yeast physiology. <i>Biocatalysis and Biotransformation</i> , 2020, , 1-12.	2.0	3