

Ayixon SÃ¡nchez-Reyes

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

411
citations

933447

10
h-index

794594

19
g-index

33
all docs

33
docs citations

33
times ranked

522
citing authors

#	ARTICLE	IF	CITATIONS
1	Hi-C deconvolution of a textile dye-related microbiome reveals novel taxonomic landscapes and links phenotypic potential to individual genomes. <i>International Microbiology</i> , 2022, 25, 99-110.	2.4	4
2	Draft Genome Sequence of <i>Methanobacterium paludis</i> IBT-C12, Recovered from Sediments of the Apatlaco River, Mexico. <i>Microbiology Resource Announcements</i> , 2022, , e0090621.	0.6	1
3	Deep-Sea Sediments from the Southern Gulf of Mexico Harbor a Wide Diversity of PKS I Genes. <i>Antibiotics</i> , 2022, 11, 887.	3.7	0
4	Transcriptomic analysis of polyaromatic hydrocarbon degradation by the halophilic fungus <i>Aspergillus sydowii</i> at hypersaline conditions. <i>Environmental Microbiology</i> , 2021, 23, 3435-3459.	3.8	41
5	Tracking gene expression, metabolic profiles, and biochemical analysis in the halotolerant basidiomycetous yeast <i>Rhodotorula mucilaginosa</i> EXF-1630 during benzo[a]pyrene and phenanthrene biodegradation under hypersaline conditions. <i>Environmental Pollution</i> , 2021, 271, 116358.	7.5	19
6	Osmolyte Signatures for the Protection of <i>Aspergillus sydowii</i> Cells under Halophilic Conditions and Osmotic Shock. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 414.	3.5	9
7	<i>Paenarthrobacter</i> sp. GOM3 Is a Novel Marine Species With Monoaromatic Degradation Relevance. <i>Frontiers in Microbiology</i> , 2021, 12, 713702.	3.5	8
8	Exploring the polyurethanolytic activity and microbial composition of landfill microbial communities. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 7969-7980.	3.6	5
9	Effects on <i>Capsicum annum</i> Plants Colonized with <i>Trichoderma atroviride</i> P. Karst Strains Genetically Modified in Taswo1, a Gene Coding for a Protein with Expansin-like Activity. <i>Plants</i> , 2021, 10, 1919.	3.5	6
10	Isolation and characterization of psychrophilic and psychrotolerant plant-growth promoting microorganisms from a high-altitude volcano crater in Mexico. <i>Microbiological Research</i> , 2020, 232, 126394.	5.3	49
11	Draft genome sequence of <i>Candidatus Afipia apatlaquensis</i> sp. nov., IBT-C3, a potential strain for decolorization of textile dyes. <i>BMC Research Notes</i> , 2020, 13, 265.	1.4	7
12	Aromatic Hydrocarbon Removal by Novel Extremotolerant <i>Exophiala</i> and <i>Rhodotorula</i> Spp. from an Oil Polluted Site in Mexico. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 135.	3.5	10
13	Soil Type Affects Organic Acid Production and Phosphorus Solubilization Efficiency Mediated by Several Native Fungal Strains from Mexico. <i>Microorganisms</i> , 2020, 8, 1337.	3.6	20
14	Metagenomics-Based Phylogeny and Phylogenomic. , 2020, , .		0
15	Characterization of Fungal Endophytes Isolated from the Metal Hyperaccumulator Plant <i>Vachellia farnesiana</i> Growing in Mine Tailings. <i>Microorganisms</i> , 2020, 8, 226.	3.6	21
16	Functional Analysis of a Polluted River Microbiome Reveals a Metabolic Potential for Bioremediation. <i>Microorganisms</i> , 2020, 8, 554.	3.6	11
17	Mitochondrial activity disruption and local muscle damage induced in mice by <i>Scolopendra polymorpha</i> venom. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2020, 26, e20190079.	1.4	1
18	Objections to the proposition of the new genera <i>Protaetiobacter</i> and <i>Pseudolysinimonas</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 5163-5164.	1.7	2

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19	Bioremediation of soils contaminated with petroleum solid wastes and drill cuttings by <i>Pleurotus</i> sp. under different treatment scales. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	5
20	Expression, purification, and characterization of a metagenomic thioesterase from activated sludge involved in the degradation of acylCoA-derivatives. <i>Protein Expression and Purification</i> , 2019, 159, 49-52.	1.3	3
21	Degradation of Recalcitrant Polyurethane and Xenobiotic Additives by a Selected Landfill Microbial Community and Its Biodegradative Potential Revealed by Proximity Ligation-Based Metagenomic Analysis. <i>Frontiers in Microbiology</i> , 2019, 10, 2986.	3.5	84
22	A family 13 thioesterase isolated from an activated sludge metagenome: insights into aromatic compounds metabolism. <i>Proteins: Structure, Function and Bioinformatics</i> , 2017, 85, 1222-1237.	2.6	6
23	The first description of a hormone-sensitive lipase from a basidiomycete: Structural insights and biochemical characterization revealed <i>Bjerkandera adusta</i> BaEstB as a novel esterase. <i>MicrobiologyOpen</i> , 2017, 6, e00463.	3.0	12
24	Characterization of lignocellulolytic activities from fungi isolated from the deep-sea sponge <i>Stelletta normani</i> . <i>PLoS ONE</i> , 2017, 12, e0173750.	2.5	42
25	Characterization of Lignocellulolytic Activities from a Moderate Halophile Strain of <i>Aspergillus caesiellus</i> Isolated from a Sugarcane Bagasse Fermentation. <i>PLoS ONE</i> , 2014, 9, e105893.	2.5	29
26	A novel TctA citrate transporter from an activated sludge metagenome: Structural and mechanistic predictions for the TTT family. <i>Proteins: Structure, Function and Bioinformatics</i> , 2014, 82, 1756-1764.	2.6	9
27	Mitochondrial activity disruption and local muscle damage induced in mice by <i>Scolopendra polymorpha</i> venom. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 0, 26, .	1.4	0