

# Ramn Alberto Batista-Garca

## List of Publications by Citations

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27  
papers

297  
citations

10  
h-index

16  
g-index

28  
ext. papers

438  
ext. citations

5.2  
avg, IF

3.2  
L-index

#	Paper	IF	Citations
27	Xenobiotic Compounds Degradation by Heterologous Expression of a <i>Trametes sanguineus</i> Laccase in <i>Trichoderma atroviride</i> . <i>PLoS ONE</i> , <b>2016</b> , 11, e0147997	3.7	40
26	Simple screening protocol for identification of potential mycoremediation tools for the elimination of polycyclic aromatic hydrocarbons and phenols from hyperalkalophile industrial effluents. <i>Journal of Environmental Management</i> , <b>2017</b> , 198, 1-11	7.9	33
25	First demonstration that ascomycetous halophilic fungi ( <i>Aspergillus sydowii</i> and <i>Aspergillus destruens</i> ) are useful in xenobiotic mycoremediation under high salinity conditions. <i>Bioresource Technology</i> , <b>2019</b> , 279, 287-296	11	33
24	From lignocellulosic metagenomes to lignocellulolytic genes: trends, challenges and future prospects. <i>Biofuels, Bioproducts and Biorefining</i> , <b>2016</b> , 10, 864-882	5.3	30
23	A novel expansin protein from the white-rot fungus <i>Schizophyllum commune</i> . <i>PLoS ONE</i> , <b>2015</b> , 10, e0122296	3.7	27
22	Characterization of lignocellulolytic activities from a moderate halophile strain of <i>Aspergillus caesiellus</i> isolated from a sugarcane bagasse fermentation. <i>PLoS ONE</i> , <b>2014</b> , 9, e105893	3.7	22
21	Extremophile deep-sea viral communities from hydrothermal vents: Structural and functional analysis. <i>Marine Genomics</i> , <b>2019</b> , 46, 16-28	1.9	15
20	Stress Reshapes the Physiological Response of Halophile Fungi to Salinity. <i>Cells</i> , <b>2020</b> , 9,	7.9	15
19	Transcriptomic analysis of polyaromatic hydrocarbon degradation by the halophilic fungus <i>Aspergillus sydowii</i> at hypersaline conditions. <i>Environmental Microbiology</i> , <b>2021</b> , 23, 3435-3459	5.2	13
18	Metagenomics of Atacama Lithobiontic Extremophile Life Unveils Highlights on Fungal Communities, Biogeochemical Cycles and Carbohydrate-Active Enzymes. <i>Microorganisms</i> , <b>2019</b> , 7,	4.9	13
17	sp. Strain SGH1, a Bacterioruberin-Rich, Perchlorate-Tolerant Halophilic Archaeon Isolated From Halite Microbial Communities, Atacama Desert, Chile. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 324	5.7	10
16	Identification of a novel carbohydrate esterase from <i>Bjerkandera adusta</i> : structural and function predictions through bioinformatics analysis and molecular modeling. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2015</b> , 83, 533-46	4.2	6
15	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> , <b>2021</b> , 271, 116358	9.3	6
14	<i>Schizophyllum commune</i> : An unexploited source for lignocellulose degrading enzymes. <i>MicrobiologyOpen</i> , <b>2018</b> , 7, e00637	3.4	6
13	Haloadaptative Responses of to Extreme Water Deprivation: Morphology, Compatible Solutes, and Oxidative Stress at NaCl Saturation. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2020</b> , 6,	5.6	5
12	Transcriptome during the Infection Process of the Bryophyte and Angiosperms. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2020</b> , 7,	5.6	4
11	Aromatic Hydrocarbon Removal by Novel Extremotolerant and Spp. from an Oil Polluted Site in Mexico. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2020</b> , 6,	5.6	4

10	Intermediate-Salinity Systems at High Altitudes in the Peruvian Andes Unveil a High Diversity and Abundance of Bacteria and Viruses. <i>Genes</i> , <b>2019</b> , 10,	4.2	3
9	Transcriptional profiling reveals conserved and species-specific plant defense responses during the interaction of <i>Physcomitrium patens</i> with <i>Botrytis cinerea</i> . <i>Plant Molecular Biology</i> , <b>2021</b> , 107, 365-385	4.6	3
8	The Microbial Composition in Circumneutral Thermal Springs from Chignahuapan, Puebla, Mexico Reveals the Presence of Particular Sulfur-Oxidizing Bacterial and Viral Communities. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	2
7	ROS-Scavenging Enzymes as an Antioxidant Response to High Concentration of Anthracene in the Liverwort <i>L. Plants</i> , <b>2021</b> , 10,	4.5	2
6	The Atacama Desert: A Biodiversity Hotspot and Not Just a Mineral-Rich Region.. <i>Frontiers in Microbiology</i> , <b>2022</b> , 13, 812842	5.7	1
5	Exogenous Nitric Oxide Delays Plant Regeneration from Protoplast and Protonema Development in. <i>Plants</i> , <b>2020</b> , 9,	4.5	1
4	Osmolyte Signatures for the Protection of Cells under Halophilic Conditions and Osmotic Shock. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2021</b> , 7,	5.6	1
3	Infection by : Understanding the Fungal-Bryophyte Interaction by Microscopy, Phenomics and RNA Sequencing. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2021</b> , 7,	5.6	1
2	Effects on Plants Colonized with <i>P. Karst</i> Strains Genetically Modified in , a Gene Coding for a Protein with Expansin-like Activity. <i>Plants</i> , <b>2021</b> , 10,	4.5	1
1	Surviving in the Brine: A Multi-Omics Approach for Understanding the Physiology of the Halophile Fungus at Saturated NaCl Concentration.. <i>Frontiers in Microbiology</i> , <b>2022</b> , 13, 840408	5.7	0