

Germán Bonilla-Rosso

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7626186/publications.pdf>

Version: 2024-02-01

23
papers

2,904
citations

430874

18
h-index

713466

21
g-index

27
all docs

27
docs citations

27
times ranked

4280
citing authors

#	ARTICLE	IF	CITATIONS
1	A prevalent and culturable microbiota links ecological balance to clinical stability of the human lung after transplantation. <i>Nature Communications</i> , 2021, 12, 2126.	12.8	31
2	Suppression of High-Fat Diet-Induced Obesity by <i>Platycodon Grandiflorus</i> in Mice Is Linked to Changes in the Gut Microbiota. <i>Journal of Nutrition</i> , 2020, 150, 2364-2374.	2.9	17
3	Honey bees harbor a diverse gut virome engaging in nested strain-level interactions with the microbiota. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7355-7362.	7.1	37
4	High dietary fat intake induces a microbiota signature that promotes food allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 157-170.e8.	2.9	84
5	Genomic changes underlying host specialization in the bee gut symbiont <i>Lactobacillus Firm5</i> . <i>Molecular Ecology</i> , 2019, 28, 2224-2237.	3.9	45
6	External carbon addition for enhancing denitrification modifies bacterial community composition and affects CH ₄ and N ₂ O production in sub-arctic mining pond sediments. <i>Water Research</i> , 2019, 158, 22-33.	11.3	32
7	Functional roles and metabolic niches in the honey bee gut microbiota. <i>Current Opinion in Microbiology</i> , 2018, 43, 69-76.	5.1	133
8	Expression of <i>nirK</i> and <i>nirS</i> genes in two strains of <i>Pseudomonas stutzeri</i> harbouring both types of NO-forming nitrite reductases. <i>Research in Microbiology</i> , 2018, 169, 343-347.	2.1	35
9	Habitat partitioning of marine benthic denitrifier communities in response to oxygen availability. <i>Environmental Microbiology Reports</i> , 2016, 8, 486-492.	2.4	42
10	Design and evaluation of primers targeting genes encoding NO-forming nitrite reductases: implications for ecological inference of denitrifying communities. <i>Scientific Reports</i> , 2016, 6, 39208.	3.3	37
11	The <i>Plasmodiophora brassicae</i> genome reveals insights in its life cycle and ancestry of chitin synthases. <i>Scientific Reports</i> , 2015, 5, 11153.	3.3	202
12	Lessons Learned from Simulated Metagenomic Datasets. , 2015, , 353-359.		0
13	Drastic changes in aquatic bacterial populations from the Cuatro Ciénegas Basin (Mexico) in response to long-term environmental stress. <i>Antonie Van Leeuwenhoek</i> , 2013, 104, 1159-1175.	1.7	16
14	Lessons Learned from Simulated Metagenomic Datasets. , 2013, , 1-8.		1
15	Water-sediment niche differentiation in ancient marine lineages of <i>Exiguobacterium</i> endemic to the Cuatro Ciénegas Basin. <i>Environmental Microbiology</i> , 2012, 14, 2323-2333.	3.8	48
16	Bacterial Communities and the Nitrogen Cycle in the Gypsum Soils of Cuatro Ciénegas Basin, Coahuila: A Mars Analogue. <i>Astrobiology</i> , 2012, 12, 699-709.	3.0	59
17	Comparative Metagenomics of Two Microbial Mats at Cuatro Ciénegas Basin II: Community Structure and Composition in Oligotrophic Environments. <i>Astrobiology</i> , 2012, 12, 659-673.	3.0	83
18	Comparative Metagenomics of Two Microbial Mats at Cuatro Ciénegas Basin I: Ancient Lessons on How to Cope with an Environment Under Severe Nutrient Stress. <i>Astrobiology</i> , 2012, 12, 648-658.	3.0	85

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19	Mesocosms of Aquatic Bacterial Communities from the Cuatro Ciénegas Basin (Mexico): A Tool to Test Bacterial Community Response to Environmental Stress. <i>Microbial Ecology</i> , 2012, 64, 346-358.	2.8	23
20	Structure and species composition of ectomycorrhizal fungal communities colonizing seedlings and adult trees of <i>Pinus montezumae</i> in Mexican neotropical forests. <i>FEMS Microbiology Ecology</i> , 2012, 80, 479-487.	2.7	21
21	Understanding microbial community diversity metrics derived from metagenomes: performance evaluation using simulated data sets. <i>FEMS Microbiology Ecology</i> , 2012, 82, 37-49.	2.7	9
22	The genome of <i>Bacillus coahuilensis</i> reveals adaptations essential for survival in the relic of an ancient marine environment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5803-5808.	7.1	94
23	The Sorcerer II Global Ocean Sampling Expedition: Northwest Atlantic through Eastern Tropical Pacific. <i>PLoS Biology</i> , 2007, 5, e77.	5.6	1,757