

Amedea Perfumo

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,046
citations

586496

16
h-index

939365

18
g-index

21
all docs

21
docs citations

21
times ranked

1414
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery and Characterization of a New Cold-Active Protease From an Extremophilic Bacterium via Comparative Genome Analysis and in vitro Expression. <i>Frontiers in Microbiology</i> , 2020, 11, 881.	1.5	20
2	Going Green and Cold: Biosurfactants from Low-Temperature Environments to Biotechnology Applications. <i>Trends in Biotechnology</i> , 2018, 36, 277-289.	4.9	139
3	Biodiversity of Biosurfactants and Roles in Enhancing the (Bio)availability of Hydrophobic Substrates. , 2018, , 75-103.		7
4	Biodiversity of Biosurfactants and Roles in Enhancing the (Bio)availability of Hydrophobic Substrates. , 2017, , 1-29.		4
5	Hydrocarbon degraders establish at the costs of microbial richness, abundance and keystone taxa after crude oil contamination in permafrost environments. <i>Scientific Reports</i> , 2016, 6, 37473.	1.6	58
6	Epifluorescence, SEM, TEM and nanoSIMS image analysis of the cold phenotype of <i>Clostridium psychrophilum</i> at subzero temperatures. <i>FEMS Microbiology Ecology</i> , 2014, 90, 869-882.	1.3	14
7	Influence of Calcium Ions on Rhamnolipid and Rhamnolipid/Anionic Surfactant Adsorption and Self-Assembly. <i>Langmuir</i> , 2013, 29, 3912-3923.	1.6	40
8	Rhamnolipids are conserved biosurfactants molecules: implications for their biotechnological potential. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 7297-7306.	1.7	45
9	The polar lipids of <i>Clostridium psychrophilum</i> , an anaerobic psychrophile. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 1108-1112.	1.2	22
10	Solution Self-Assembly of the Sophorolipid Biosurfactant and Its Mixture with Anionic Surfactant Sodium Dodecyl Benzene Sulfonate. <i>Langmuir</i> , 2011, 27, 8867-8877.	1.6	57
11	Adsorption of Sophorolipid Biosurfactants on Their Own and Mixed with Sodium Dodecyl Benzene Sulfonate, at the Air/Water Interface. <i>Langmuir</i> , 2011, 27, 8854-8866.	1.6	46
12	Microbial diversity in Calamita ferromagnetic sand. <i>Environmental Microbiology Reports</i> , 2011, 3, 483-490.	1.0	4
13	Directed microbial biosynthesis of deuterated biosurfactants and potential future application to other bioactive molecules. <i>Applied Microbiology and Biotechnology</i> , 2010, 87, 1347-1354.	1.7	36
14	Mixing Behavior of the Biosurfactant, Rhamnolipid, with a Conventional Anionic Surfactant, Sodium Dodecyl Benzene Sulfonate. <i>Langmuir</i> , 2010, 26, 17958-17968.	1.6	65
15	Solution Self-Assembly and Adsorption at the Air-Water Interface of the Monorhamnose and Dirhamnose Rhamnolipids and Their Mixtures. <i>Langmuir</i> , 2010, 26, 18281-18292.	1.6	96
16	Global transport of thermophilic bacteria in atmospheric dust. <i>Environmental Microbiology Reports</i> , 2010, 2, 333-339.	1.0	40
17	Possibilities and Challenges for Biosurfactants Use in Petroleum Industry. <i>Advances in Experimental Medicine and Biology</i> , 2010, 672, 135-145.	0.8	83
18	Thermally enhanced approaches for bioremediation of hydrocarbon-contaminated soils. <i>Chemosphere</i> , 2007, 66, 179-184.	4.2	95

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19	The degradation of n-hexadecane in soil by thermophilic geobacilli. FEMS Microbiology Ecology, 2006, 56, 44-54.	1.3	61
20	Rhamnolipid production by a novel thermophilic hydrocarbon-degrading <i>Pseudomonas aeruginosa</i> AP02-1. Applied Microbiology and Biotechnology, 2006, 72, 132-138.	1.7	114