

Gilberto Martins

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1046669/publications.pdf>

Version: 2024-02-01

20
papers

1,013
citations

643344

15
h-index

889612

19
g-index

20
all docs

20
docs citations

20
times ranked

1441
citing authors

#	ARTICLE	IF	CITATIONS
1	Special Issue on the Intensified Conversion of Organic Waste into Biogas. Applied Sciences (Switzerland), 2022, 12, 3573.	1.3	1
2	Hydrocarbon Toxicity towards Hydrogenotrophic Methanogens in Oily Waste Streams. Energies, 2021, 14, 4830.	1.6	3
3	Multi-Walled Carbon Nanotubes Enhance Methanogenesis from Diverse Organic Compounds in Anaerobic Sludge and River Sediments. Applied Sciences (Switzerland), 2020, 10, 8184.	1.3	8
4	Ciprofloxacin, diclofenac, ibuprofen and 17 β -ethinylestradiol differentially affect the activity of acetogens and methanogens in anaerobic communities. Ecotoxicology, 2020, 29, 866-875.	1.1	19
5	Assessment of Electron Transfer Mechanisms during a Long-Term Sediment Microbial Fuel Cell Operation. Energies, 2019, 12, 481.	1.6	12
6	Microbial conversion of oily wastes to methane: Effect of ferric nanomaterials. , 2019, , 339-345.		1
7	Methane Production and Conductive Materials: A Critical Review. Environmental Science & Technology, 2018, 52, 10241-10253.	4.6	291
8	Resources recovery in the dairy industry: bioelectricity production using a continuous microbial fuel cell. Journal of Cleaner Production, 2017, 140, 971-976.	4.6	68
9	Carbon nanotubes accelerate methane production in pure cultures of methanogens and in a syntrophic coculture. Environmental Microbiology, 2017, 19, 2727-2739.	1.8	127
10	Phosphorus-iron interaction in sediments: can an electrode minimize phosphorus release from sediments?. Reviews in Environmental Science and Biotechnology, 2014, 13, 265-275.	3.9	25
11	Mineral Cycling and pH Gradient Related with Biological Activity under Transient Anoxic-Oxic Conditions: Effect on P Mobility in Volcanic Lake Sediments. Environmental Science & Technology, 2014, 48, 9205-9210.	4.6	17
12	Impact of an external electron acceptor on phosphorus mobility between water and sediments. Bioresource Technology, 2014, 151, 419-423.	4.8	33
13	Water resources management in southern Europe: Clues for a research and innovation based regional hypercluster. Journal of Environmental Management, 2013, 119, 76-84.	3.8	23
14	A flat microbial fuel cell for decentralized wastewater valorization: process performance and optimization potential. Environmental Technology (United Kingdom), 2013, 34, 1947-1956.	1.2	16
15	Bacterial Diversity and Geochemical Profiles in Sediments from Eutrophic Azorean Lakes. Geomicrobiology Journal, 2012, 29, 704-715.	1.0	19
16	Structure and activity of lacustrine sediment bacteria involved in nutrient and iron cycles. FEMS Microbiology Ecology, 2011, 77, 666-679.	1.3	51
17	In situ microbial fuel cell-based biosensor for organic carbon. Bioelectrochemistry, 2011, 81, 99-103.	2.4	93
18	Towards implementation of a benthic microbial fuel cell in lake Furnas (Azores): Phylogenetic affiliation and electrochemical activity of sediment bacteria. Bioelectrochemistry, 2010, 78, 67-71.	2.4	47

#	ARTICLE	IF	CITATIONS
19	Prospective scenarios for water quality and ecological status in Lake Sete Cidades (Portugal): The integration of mathematical modelling in decision processes. <i>Applied Geochemistry</i> , 2008, 23, 2171-2181.	1.4	37
20	Phosphorus fractionation in volcanic lake sediments (Azores – Portugal). <i>Chemosphere</i> , 2008, 70, 1256-1263.	4.2	122