

Regina Nogueira

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8502304/regina-nogueira-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

1,947
citations

21
h-index

42
g-index

80
ext. papers

2,179
ext. citations

4.3
avg, IF

4.71
L-index

#	Paper	IF	Citations
75	Insightful Advancement and Opportunities for Microbial Bioplastic Production.. <i>Frontiers in Microbiology</i> , 2021 , 12, 674864	5.7	0
74	Valorisation of waste cooking oil using mixed culture into short- and medium-chain length polyhydroxyalkanoates: Effect of concentration, temperature and ammonium. <i>Journal of Biotechnology</i> , 2021 , 342, 92-101	3.7	2
73	Modeling of Symbiotic Bacterial Biofilm Growth with an Example of the Streptococcus-Veillonella sp. System. <i>Bulletin of Mathematical Biology</i> , 2021 , 83, 48	2.1	3
72	Calcium carbonate deposits and microbial assemblages on microplastics in oligotrophic freshwaters. <i>Chemosphere</i> , 2021 , 266, 128942	8.4	4
71	Polyhydroxyalkanoates production from industrial wastewaters using a mixed culture enriched with <i>Thauera</i> sp.: Inhibitory effect of the wastewater matrix. <i>Environmental Technology and Innovation</i> , 2021 , 21, 101328	7	9
70	Continuous cultivation strategy for yeast industrial wastewater-based polyhydroxyalkanoate production. <i>Journal of Bioscience and Bioengineering</i> , 2020 , 129, 595-602	3.3	9
69	Growth kinetics of environmental <i>Legionella pneumophila</i> isolated from industrial wastewater. <i>International Journal of Environmental Science and Technology</i> , 2020 , 17, 625-632	3.3	
68	<i>Legionella</i> occurrence in municipal and industrial wastewater treatment plants and risks of reclaimed wastewater reuse: Review. <i>Water Research</i> , 2019 , 149, 21-34	12.5	50
67	Comparative study of polyhydroxyalkanoates production from acidified and anaerobically treated brewery wastewater using enriched mixed microbial culture. <i>Journal of Environmental Sciences</i> , 2019 , 78, 137-146	6.4	18
66	Temperature-driven growth of <i>Legionella</i> in lab-scale activated sludge systems and interaction with protozoa. <i>International Journal of Hygiene and Environmental Health</i> , 2018 , 221, 315-322	6.9	4
65	A control system for ultrasound devices utilized for inactivating <i>E. coli</i> in wastewater. <i>Ultrasonics Sonochemistry</i> , 2018 , 40, 158-162	8.9	12
64	Effectiveness and Temporal Variation of a Full-Scale Horizontal Constructed Wetland in Reducing Nitrogen and Phosphorus from Domestic Wastewater. <i>ChemEngineering</i> , 2018 , 2, 3	2.6	8
63	Sinks and sources of anammox bacteria in a wastewater treatment plant - screening with qPCR. <i>Water Science and Technology</i> , 2018 , 78, 441-451	2.2	2
62	Heat and Bleach: A Cost-Efficient Method for Extracting Microplastics from Return Activated Sludge. <i>Archives of Environmental Contamination and Toxicology</i> , 2017 , 73, 641-648	3.2	64
61	Seasonal variation of nutrient removal in a full-scale horizontal constructed wetland. <i>Energy Procedia</i> , 2017 , 136, 225-232	2.3	11
60	Removal of tetracycline from contaminated water by <i>Moringa oleifera</i> seed preparations. <i>Environmental Technology (United Kingdom)</i> , 2016 , 37, 744-51	2.6	6
59	Confocal Raman microscopy and fluorescent in situ hybridization - A complementary approach for biofilm analysis. <i>Chemosphere</i> , 2016 , 161, 112-118	8.4	13

58	Occurrence of Legionella in wastewater treatment plants linked to wastewater characteristics. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 16873-81	5.1	11
57	Strategies for the reduction of Legionella in biological treatment systems. <i>Water Science and Technology</i> , 2016 , 74, 816-23	2.2	6
56	Effect of PCL and EVA Molar Mass on the Development of Sustainable Polymers. <i>Soft Materials</i> , 2014 , 12, 88-97	1.7	4
55	Influence of tetracycline on the microbial community composition and activity of nitrifying biofilms. <i>Chemosphere</i> , 2014 , 117, 295-302	8.4	36
54	Phosphorus-Iron interaction in sediments: can an electrode minimize phosphorus release from sediments?. <i>Reviews in Environmental Science and Biotechnology</i> , 2014 , 13, 265-275	13.9	17
53	Mineral cycling and pH gradient related with biological activity under transient anoxic-oxic conditions: effect on P mobility in volcanic lake sediments. <i>Environmental Science & Technology</i> , 2014 , 48, 9205-10	10.3	13
52	A mass balance approach to the fate of viruses in a municipal wastewater treatment plant during summer and winter seasons. <i>Water Science and Technology</i> , 2014 , 69, 364-70	2.2	9
51	Impact of an external electron acceptor on phosphorus mobility between water and sediments. <i>Bioresource Technology</i> , 2014 , 151, 419-23	11	23
50	Virus elimination in activated sludge systems: from batch tests to mathematical modeling. <i>Water Science and Technology</i> , 2014 , 70, 1115-21	2.2	3
49	Phosphorus removal by a fixed-bed hybrid polymer nanocomposite biofilm reactor. <i>Chemistry and Ecology</i> , 2014 , 30, 428-439	2.3	2
48	A poly-ε-caprolactone based biofilm carrier for nitrate removal from water. <i>International Journal of Environmental Science and Technology</i> , 2014 , 11, 263-268	3.3	8
47	Effect of low concentrations of synthetic surfactants on polycyclic aromatic hydrocarbons (PAH) biodegradation. <i>International Biodeterioration and Biodegradation</i> , 2013 , 83, 48-55	4.8	33
46	Water resources management in southern Europe: clues for a research and innovation based regional hypercluster. <i>Journal of Environmental Management</i> , 2013 , 119, 76-84	7.9	20
45	Effect of vegetation on the performance of horizontal subsurface flow constructed wetlands with lightweight expanded clay aggregates. <i>International Journal of Environmental Science and Technology</i> , 2013 , 10, 433-442	3.3	18
44	Hybrid Nanocomposite Preparation in a Batch Mixer and a Twin-Screw Extruder. <i>Advances in Polymer Technology</i> , 2013 , 32, E732-E740	1.9	6
43	A flat microbial fuel cell for decentralized wastewater valorization: process performance and optimization potential. <i>Environmental Technology (United Kingdom)</i> , 2013 , 34, 1947-56	2.6	13
42	Synthesis of EVA-g-PLA copolymers using transesterification reactions. <i>Materials Chemistry and Physics</i> , 2012 , 134, 103-110	4.4	31
41	Phosphorus Removal from Eutrophic Waters with an Aluminium Hybrid Nanocomposite. <i>Water, Air, and Soil Pollution</i> , 2012 , 223, 4831-4840	2.6	16

40	Use of biopolymers as solid substrates for denitrification. <i>Water Science and Technology</i> , 2012 , 65, 105-111.2	7
39	Influence of the organic loading rate on the growth of <i>Galactomyces geotrichum</i> in activated sludge. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012 , 47, 565-9	2.3 1
38	Synthesis of aluminium nanoparticles in a PP matrix during melt processing: Effect of the alkoxide organic chain. <i>Reactive and Functional Polymers</i> , 2012 , 72, 703-712	4.6 17
37	Coagulant properties of <i>Moringa oleifera</i> protein preparations: application to humic acid removal. <i>Environmental Technology (United Kingdom)</i> , 2012 , 33, 69-75	2.6 29
36	Bacterial Diversity and Geochemical Profiles in Sediments from Eutrophic Azorean Lakes. <i>Geomicrobiology Journal</i> , 2012 , 29, 704-715	2.5 15
35	Influence of carrier concentration on the control of <i>Galactomyces geotrichum</i> bulking and bacterial community of biofilm reactors. <i>Desalination and Water Treatment</i> , 2012 , 41, 325-334	7
34	Structure and activity of lacustrine sediment bacteria involved in nutrient and iron cycles. <i>FEMS Microbiology Ecology</i> , 2011 , 77, 666-79	4.3 42
33	Interaction of <i>Moringa oleifera</i> seed lectin with humic acid. <i>Chemical Papers</i> , 2011 , 65,	1.9 5
32	In situ microbial fuel cell-based biosensor for organic carbon. <i>Bioelectrochemistry</i> , 2011 , 81, 99-103	5.6 76
31	Biodegradability assessment of aliphatic polyesters-based blends using standard methods. <i>Journal of Applied Polymer Science</i> , 2011 , 119, 3338-3346	2.9 26
30	Biobased grafted polyesters prepared by in situ ring-opening polymerization. <i>Reactive and Functional Polymers</i> , 2011 , 71, 694-703	4.6 9
29	Removal of phosphorus from water using active barriers: Al ₂ O ₃ immobilized on to polyolefins. <i>Environmental Technology (United Kingdom)</i> , 2011 , 32, 989-95	2.6 5
28	Sequencing batch biofilm reactor: from support design to reactor operation. <i>Environmental Technology (United Kingdom)</i> , 2011 , 32, 1121-9	2.6 17
27	Development of Permeable Reactive Barrier for Phosphorus Removal. <i>Materials Science Forum</i> , 2010 , 636-637, 1365-1370	0.4 3
26	Synthesis of Biodegradable Copolymers Based on Ethylene Vinyl Acetate and Polylactic Acid. <i>Materials Science Forum</i> , 2010 , 636-637, 819-824	0.4 4
25	Towards implementation of a benthic microbial fuel cell in lake Furnas (Azores): phylogenetic affiliation and electrochemical activity of sediment bacteria. <i>Bioelectrochemistry</i> , 2010 , 78, 67-71	5.6 40
24	Biofilms formed on humic substances: response to flow conditions and carbon concentrations. <i>Bioresource Technology</i> , 2010 , 101, 6888-94	11 12
23	Economic and environmental assessment of small and decentralized wastewater treatment systems. <i>Desalination and Water Treatment</i> , 2009 , 4, 16-21	25

22	Depuranat project: sustainable management of wastewater in rural areas. <i>Desalination and Water Treatment</i> , 2009 , 4, 59-68		4
21	Determination of total and available fractions of PAHs by SPME in oily wastewaters: overcoming interference from NAPL and NOM. <i>Environmental Science and Pollution Research</i> , 2009 , 16, 671-8	5.1	21
20	Synthesis and degradation of poly-beta-hydroxybutyrate in a sequencing batch biofilm reactor. <i>Bioresource Technology</i> , 2009 , 100, 2106-10	11	14
19	Quantification of humic acids in surface water: effects of divalent cations, pH, and filtration. <i>Journal of Environmental Monitoring</i> , 2009 , 11, 377-82		106
18	Nitrogen removal in a Sequencing Batch Biofilm Reactor: effect of carbon availability and intermittent aeration. <i>World Review of Science, Technology and Sustainable Development</i> , 2009 , 6, 173	1	3
17	Cost-effectiveness analysis for sustainable wastewater engineering and water resources management: a case study at Minho-Lima river basins (Portugal). <i>Desalination and Water Treatment</i> , 2009 , 4, 22-27		2
16	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	3.5	34
15	Phosphorus fractionation in volcanic lake sediments (Azores - Portugal). <i>Chemosphere</i> , 2008 , 70, 1256-63	4	112
14	Preparation of Biodegradable Materials by Reactive Extrusion. <i>Materials Science Forum</i> , 2008 , 587-588, 520-524	0.4	6
13	Characterization of biofilm formation on a humic material. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2008 , 35, 1269-76	4.2	11
12	Assessing the degradation of ochratoxin a using a bioassay: the case of contaminated winery wastewater. <i>Water Science and Technology</i> , 2007 , 56, 55-61	2.2	46
11	Brewery and Winery Wastewater Treatment: Some Focal Points of Design and Operation 2007 , 109-131		20
10	Evaluation of Properties and Biodeterioration Potential of Polyethylene and Aliphatic Polyester Blends. <i>International Polymer Processing</i> , 2007 , 22, 512-518	1	11
9	Energy-saving wastewater treatment systems: formulation of cost functions. <i>Water Science and Technology</i> , 2007 , 56, 85-92	2.2	3
8	Life cycle assessment of wastewater treatment options for small and decentralized communities. <i>Water Science and Technology</i> , 2007 , 56, 15-22	2.2	93
7	Competition between <i>Nitrospira</i> spp. and <i>Nitrobacter</i> spp. in nitrite-oxidizing bioreactors. <i>Biotechnology and Bioengineering</i> , 2006 , 95, 169-75	4.9	103
6	Evaluating heterotrophic growth in a nitrifying biofilm reactor using fluorescence in situ hybridization and mathematical modeling. <i>Water Science and Technology</i> , 2005 , 52, 135-141	2.2	17
5	A technique using a membrane flow cell to determine average mass transfer coefficients and tortuosity factors in biofilms. <i>Water Science and Technology</i> , 2003 , 47, 61-67	2.2	6

4	Microbial community composition and function in wastewater treatment plants. <i>Antonie Van Leeuwenhoek</i> , 2002 , 81, 665-80	2.1	287
3	Nitrifying and heterotrophic population dynamics in biofilm reactors: effects of hydraulic retention time and the presence of organic carbon. <i>Water Research</i> , 2002 , 36, 469-81	12.5	184
2	Influence of dissolved oxygen on the nitrification kinetics in a circulating bed biofilm reactor. <i>Bioprocess and Biosystems Engineering</i> , 1998 , 19, 441		31
1	Control of nitrification efficiency in a new biofilm reactor. <i>Water Science and Technology</i> , 1997 , 36, 31-41	2.2	5