

# Olga C Nunes

## List of Publications by Year in descending order

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129  
papers

8,566  
citations

53751

45  
h-index

48277

88  
g-index

145  
all docs

145  
docs citations

145  
times ranked

10556  
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview on the advanced oxidation processes applied for the treatment of water pollutants defined in the recently launched Directive 2013/39/EU. <i>Environment International</i> , 2015, 75, 33-51.	4.8	757
2	Microbes as Engines of Ecosystem Function: When Does Community Structure Enhance Predictions of Ecosystem Processes?. <i>Frontiers in Microbiology</i> , 2016, 7, 214.	1.5	479
3	Antibiotic resistance, antimicrobial residues and bacterial community composition in urban wastewater. <i>Water Research</i> , 2013, 47, 1875-1887.	5.3	377
4	Wastewater reuse in irrigation: A microbiological perspective on implications in soil fertility and human and environmental health. <i>Environment International</i> , 2015, 75, 117-135.	4.8	356
5	Antibiotic resistance in wastewater treatment plants: Tackling the black box. <i>Environment International</i> , 2018, 115, 312-324.	4.8	341
6	Bacterial diversity and antibiotic resistance in water habitats: searching the links with the human microbiome. <i>FEMS Microbiology Reviews</i> , 2014, 38, 761-778.	3.9	288
7	Continuous ozonation of urban wastewater: Removal of antibiotics, antibiotic-resistant <i>Escherichia coli</i> and antibiotic resistance genes and phytotoxicity. <i>Water Research</i> , 2019, 159, 333-347.	5.3	222
8	Antimicrobial resistance patterns in Enterobacteriaceae isolated from an urban wastewater treatment plant. <i>FEMS Microbiology Ecology</i> , 2007, 60, 166-176.	1.3	213
9	Solar treatment (H <sub>2</sub> O <sub>2</sub> , TiO <sub>2</sub> -P25 and GO-TiO <sub>2</sub> photocatalysis, photo-Fenton) of organic micropollutants, human pathogen indicators, antibiotic resistant bacteria and related genes in urban wastewater. <i>Water Research</i> , 2018, 135, 195-206.	5.3	197
10	Antibiotic resistance of enterococci and related bacteria in an urban wastewater treatment plant. <i>FEMS Microbiology Ecology</i> , 2006, 55, 322-329.	1.3	188
11	Photocatalytic ozonation of urban wastewater and surface water using immobilized TiO <sub>2</sub> with LEDs: Micropollutants, antibiotic resistance genes and estrogenic activity. <i>Water Research</i> , 2016, 94, 10-22.	5.3	185
12	Ozonation and UV254nm radiation for the removal of microorganisms and antibiotic resistance genes from urban wastewater. <i>Journal of Hazardous Materials</i> , 2017, 323, 434-441.	6.5	179
13	Antibiotic resistance in urban aquatic environments: can it be controlled?. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 1543-1557.	1.7	169
14	Biodegradation of sulfamethoxazole and other sulfonamides by <i>Achromobacter denitrificans</i> PR1. <i>Journal of Hazardous Materials</i> , 2014, 280, 741-749.	6.5	168
15	Diversity and Antibiotic Resistance Patterns of Sphingomonadaceae Isolates from Drinking Water. <i>Applied and Environmental Microbiology</i> , 2011, 77, 5697-5706.	1.4	159
16	Fast mineralization and detoxification of amoxicillin and diclofenac by photocatalytic ozonation and application to an urban wastewater. <i>Water Research</i> , 2015, 87, 87-96.	5.3	153
17	Heterogeneous photocatalysis using UVA-LEDs for the removal of antibiotics and antibiotic resistant bacteria from urban wastewater treatment plant effluents. <i>Chemical Engineering Journal</i> , 2019, 367, 304-313.	6.6	135
18	Diversity and antibiotic resistance in <i>Pseudomonas</i> spp. from drinking water. <i>Science of the Total Environment</i> , 2012, 426, 366-374.	3.9	133

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19	Dynamics of drinking water biofilm in flow/non-flow conditions. <i>Water Research</i> , 2007, 41, 551-562.	5.3	118
20	Insights into the relationship between antimicrobial residues and bacterial populations in a hospital-urban wastewater treatment plant system. <i>Water Research</i> , 2014, 54, 327-336.	5.3	117
21	Ubiquitous and persistent Proteobacteria and other Gram-negative bacteria in drinking water. <i>Science of the Total Environment</i> , 2017, 586, 1141-1149.	3.9	110
22	Antibiotic resistance in coagulase negative staphylococci isolated from wastewater and drinking water. <i>Science of the Total Environment</i> , 2009, 407, 3876-3882.	3.9	109
23	blaTEM and vanA as indicator genes of antibiotic resistance contamination in a hospital-urban wastewater treatment plant system. <i>Journal of Global Antimicrobial Resistance</i> , 2014, 2, 309-315.	0.9	109
24	Bacterial diversity from the source to the tap: a comparative study based on 16S rRNA gene-DGGE and culture-dependent methods. <i>FEMS Microbiology Ecology</i> , 2013, 83, 361-374.	1.3	104
25	Culture-dependent and culture-independent diversity surveys target different bacteria: a case study in a freshwater sample. <i>Antonie Van Leeuwenhoek</i> , 2011, 100, 245-257.	0.7	100
26	Insights into solar TiO <sub>2</sub> -assisted photocatalytic oxidation of two antibiotics employed in aquatic animal production, oxolinic acid and oxytetracycline. <i>Science of the Total Environment</i> , 2013, 463-464, 274-283.	3.9	97
27	Biodegradation of antibiotics: The new resistance determinants - part I. <i>New Biotechnology</i> , 2020, 54, 34-51.	2.4	97
28	Quinolone resistant <i>Aeromonas</i> spp. as carriers and potential tracers of acquired antibiotic resistance in hospital and municipal wastewater. <i>Science of the Total Environment</i> , 2016, 542, 665-671.	3.9	94
29	<i>Gulosibacter molinivorax</i> gen. nov., sp. nov., a molinate-degrading bacterium, and classification of - <i>Brevibacterium helvolum</i> ™ DSM 20419 as <i>Pseudoclavibacter helvulus</i> gen. nov., sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 783-789.	0.8	91
30	Process enhancement at near neutral pH of a homogeneous photo-Fenton reaction using ferric-carboxylate complexes: Application to oxytetracycline degradation. <i>Chemical Engineering Journal</i> , 2014, 253, 217-228.	6.6	81
31	Heterotrophic plate counts and the isolation of bacteria from mineral waters on selective and enrichment media. <i>Journal of Applied Bacteriology</i> , 1990, 69, 871-876.	1.1	78
32	Proteobacteria become predominant during regrowth after water disinfection. <i>Science of the Total Environment</i> , 2016, 573, 313-323.	3.9	77
33	Diversity of Bacterial Isolates from Commercial and Homemade Composts. <i>Microbial Ecology</i> , 2008, 55, 714-722.	1.4	76
34	Bacterial community variations in an alfalfa-rice rotation system revealed by 16S rRNA gene 454-pyrosequencing. <i>FEMS Microbiology Ecology</i> , 2014, 87, 650-663.	1.3	72
35	A novel pathway for mineralization of the thiocarbamate herbicide molinate by a defined bacterial mixed culture. <i>Environmental Microbiology</i> , 2003, 5, 944-953.	1.8	67
36	Comparative study of the microbial diversity of bulk paddy soil of two rice fields subjected to organic and conventional farming. <i>Soil Biology and Biochemistry</i> , 2011, 43, 115-125.	4.2	66

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37	Ozone-based water treatment (O <sub>3</sub> , O <sub>3</sub> /UV, O <sub>3</sub> /H <sub>2</sub> O <sub>2</sub> ) for removal of organic micropollutants, bacteria inactivation and regrowth prevention. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105315.	3.3	59
38	<i>Bordetella bronchialis</i> sp. nov., <i>Bordetella flabilis</i> sp. nov. and <i>Bordetella sputigena</i> sp. nov., isolated from human respiratory specimens, and reclassification of <i>Achromobacter sediminum</i> Zhang et al. 2014 as <i>Verticia sediminum</i> gen. nov., comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 3674-3682.	0.8	54
39	The influence of activated carbon surface properties on the adsorption of the herbicide molinate and the bio-regeneration of the adsorbent. <i>Journal of Hazardous Materials</i> , 2006, 138, 343-349.	6.5	53
40	Biodegradation of antibiotics: The new resistance determinants “ part II. <i>New Biotechnology</i> , 2020, 54, 13-27.	2.4	53
41	Insights on sulfamethoxazole bio-transformation by environmental Proteobacteria isolates. <i>Journal of Hazardous Materials</i> , 2018, 358, 310-318.	6.5	52
42	<i>Bombella intestini</i> gen. nov., sp. nov., an acetic acid bacterium isolated from bumble bee crop. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 267-273.	0.8	51
43	Isolation and Characterization of Rhodothermus Strains from S. Miguel, Azores. <i>Systematic and Applied Microbiology</i> , 1992, 15, 92-97.	1.2	50
44	Removal of microorganisms and antibiotic resistance genes from treated urban wastewater: A comparison between aluminium sulphate and tannin coagulants. <i>Water Research</i> , 2019, 166, 115056.	5.3	50
45	Ciprofloxacin Resistance in Domestic Wastewater Treatment Plants. <i>Water, Air, and Soil Pollution</i> , 2010, 208, 335-343.	1.1	48
46	Influence of the composition of the initial mixtures on the chemical composition, physicochemical properties and humic-like substances content of composts. <i>Waste Management</i> , 2014, 34, 21-27.	3.7	47
47	<i>Humibacter albus</i> gen. nov., sp. nov., isolated from sewage sludge compost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 1014-1018.	0.8	46
48	<i>Tepidiphilus margaritifer</i> gen. nov., sp. nov., isolated from a thermophilic aerobic digester. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 1405-1410.	0.8	43
49	Co-composting of poultry manure with low quantities of carbon-rich materials. <i>Waste Management and Research</i> , 2009, 27, 119-128.	2.2	43
50	<i>Acinetobacter rudis</i> sp. nov., isolated from raw milk and raw wastewater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2837-2843.	0.8	42
51	Desalination and removal of organic micropollutants and microorganisms by membrane distillation. <i>Desalination</i> , 2018, 437, 121-132.	4.0	42
52	Treatment of cork boiling wastewater using chemical oxidation and biodegradation. <i>Chemosphere</i> , 2006, 64, 455-461.	4.2	41
53	<i>Gulbenkiania mobilis</i> gen. nov., sp. nov., isolated from treated municipal wastewater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1108-1112.	0.8	40
54	Solar photocatalytic oxidation of recalcitrant natural metabolic by-products of amoxicillin biodegradation. <i>Water Research</i> , 2014, 65, 307-320.	5.3	38

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55	Genetic characterization of fluoroquinolone resistant <i>Escherichia coli</i> from urban streams and municipal and hospital effluents. <i>FEMS Microbiology Ecology</i> , 2015, 91, .	1.3	37
56	Preliminary feasibility study for the use of an adsorption/bio-regeneration system for molinate removal from effluents. <i>Water Research</i> , 2004, 38, 2677-2684.	5.3	36
57	<i>Acetobacter sicerae</i> sp. nov., isolated from cider and kefir, and identification of species of the genus <i>Acetobacter</i> by <i>dnaK</i> , <i>groEL</i> and <i>rpoB</i> sequence analysis. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 2407-2415.	0.8	36
58	Biodegradation of sulfamethoxazole by a bacterial consortium of <i>Achromobacter denitrificans</i> PR1 and <i>Leucobacter</i> sp. GP. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 10299-10314.	1.7	36
59	Bioaugmentation of membrane bioreactor with <i>Achromobacter denitrificans</i> strain PR1 for enhanced sulfamethoxazole removal in wastewater. <i>Science of the Total Environment</i> , 2019, 648, 44-55.	3.9	36
60	A membrane-bound HIPIP type center in the thermohalophile <i>Rhodothermus marinus</i> . <i>FEBS Letters</i> , 1994, 352, 327-330.	1.3	35
61	<i>Paenibacillus humicus</i> sp. nov., isolated from poultry litter compost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 2267-2271.	0.8	34
62	Living with sulfonamides: a diverse range of mechanisms observed in bacteria. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 10389-10408.	1.7	33
63	<i>Pseudosphingobacterium domesticum</i> gen. nov., sp. nov., isolated from home-made compost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1535-1538.	0.8	32
64	A case study of molinate application in a Portuguese rice field: herbicide dissipation and proposal of a clean-up methodology. <i>Chemosphere</i> , 2005, 59, 1059-1065.	4.2	31
65	Application of magnetic nanoparticles for water purification. <i>Environmental Advances</i> , 2020, 2, 100010.	2.2	31
66	Biological treatment of propanil and 3,4-dichloroaniline: Kinetic and microbiological characterisation. <i>Water Research</i> , 2010, 44, 4980-4991.	5.3	30
67	<i>Candidimonas nitroreducens</i> gen. nov., sp. nov. and <i>Candidimonas humi</i> sp. nov., isolated from sewage sludge compost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2238-2246.	0.8	29
68	Molinate quantification in environmental water by a glutathione-S-transferase based biosensor. <i>Talanta</i> , 2013, 106, 249-254.	2.9	29
69	<i>Bacillus purgationiresistans</i> sp. nov., isolated from a drinking-water treatment plant. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 71-77.	0.8	28
70	Assessment of solar driven TiO <sub>2</sub> -assisted photocatalysis efficiency on amoxicillin degradation. <i>Environmental Science and Pollution Research</i> , 2014, 21, 1292-1303.	2.7	28
71	<i>Sphingobium vermicomposti</i> sp. nov., isolated from vermicompost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 3145-3149.	0.8	27
72	Visible-light-induced self-cleaning functional fabrics using graphene oxide/carbon nitride materials. <i>Applied Surface Science</i> , 2019, 497, 143757.	3.1	27

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73	New insights into a bacterial metabolic and detoxifying association responsible for the mineralization of the thiocarbamate herbicide molinate. <i>Microbiology (United Kingdom)</i> , 2008, 154, 1038-1046.	0.7	27
74	Visualizing the invisible: class excursions to ignite children's enthusiasm for microbes. <i>Microbial Biotechnology</i> , 2020, 13, 844-887.	2.0	26
75	<i>Shinella fusca</i> sp. nov., isolated from domestic waste compost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 144-148.	0.8	25
76	Recovery of humic-like substances from low quality composts. <i>Bioresource Technology</i> , 2013, 128, 624-632.	4.8	24
77	<i>Caenibacterium thermophilum</i> gen. nov., sp. nov., isolated from a thermophilic aerobic digester of municipal sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 1375-1382.	0.8	23
78	<i>Paenibacillus residui</i> sp. nov., isolated from urban waste compost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2415-2419.	0.8	23
79	Microbial degradation of the herbicide molinate by defined cultures and in the environment. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 10275-10291.	1.7	23
80	Microencapsulation of <i>Gulosibacter molinivorax</i> ON4 T cells by a spray-drying process using different biopolymers. <i>Journal of Hazardous Materials</i> , 2017, 338, 85-92.	6.5	23
81	<i>Patulibacter medicamentivorans</i> sp. nov., isolated from activated sludge of a wastewater treatment plant. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 2588-2593.	0.8	22
82	<i>Microbacterium luticocti</i> sp. nov., isolated from sewage sludge compost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 1700-1704.	0.8	21
83	<i>Microbacterium invictum</i> sp. nov., isolated from homemade compost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 2036-2041.	0.8	21
84	<i>Gulosibacter molinivorax</i> ON4 <sup>T</sup> Molinate Hydrolase, a Novel Cobalt-Dependent Amidohydrolase. <i>Journal of Bacteriology</i> , 2011, 193, 5810-5816.	1.0	21
85	How the performance of a biological pre-oxidation step can affect a downstream photo-Fenton process on the remediation of mature landfill leachates: Assessment of kinetic parameters and characterization of the bacterial communities. <i>Separation and Purification Technology</i> , 2017, 175, 274-286.	3.9	21
86	Bacterial diversity and bioaugmentation in floodwater of a paddy field in the presence of the herbicide molinate. <i>Biodegradation</i> , 2011, 22, 445-461.	1.5	20
87	Molinate biodegradation in soils: natural attenuation versus bioaugmentation. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 2691-2700.	1.7	19
88	Photoinactivation of various antibiotic resistant strains of <i>Escherichia coli</i> using a paint coat. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 251, 148-153.	2.0	19
89	Comparison of the bacterial composition of two commercial composts with different physicochemical, stability and maturity properties. <i>Waste Management</i> , 2016, 50, 20-30.	3.7	19
90	<i>Staphylococcus aureus</i> and <i>Escherichia coli</i> dual-species biofilms on nanohydroxyapatite loaded with CHX or ZnO nanoparticles. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 491-497.	2.1	19

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91	Applications of optical DNA mapping in microbiology. <i>BioTechniques</i> , 2017, 62, 255-267.	0.8	19
92	The Polar Lipid and Fatty Acid Composition of <i>Rhodothermus</i> Strains. <i>Systematic and Applied Microbiology</i> , 1992, 15, 59-62.	1.2	18
93	Influence of nanohydroxyapatite surface properties on <i>Staphylococcus epidermidis</i> biofilm formation. <i>Journal of Biomaterials Applications</i> , 2014, 28, 1325-1335.	1.2	18
94	Anti-sessile bacterial and cytocompatibility properties of CHX-loaded nanohydroxyapatite. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 130, 305-314.	2.5	17
95	Rethinking water treatment targets: Bacteria regrowth under unprovable conditions. <i>Water Research</i> , 2021, 201, 117374.	5.3	17
96	Overgrowth control of potentially hazardous bacteria during storage of ozone treated wastewater through natural competition. <i>Water Research</i> , 2022, 209, 117932.	5.3	17
97	The effect of the growth medium composition on the fatty acids of <i>Rhodothermus marinus</i> and <i>Thermus thermophilus</i> ™ HB-8. <i>FEMS Microbiology Letters</i> , 1993, 112, 13-18.	0.7	16
98	Effect of operating parameters on molinate biodegradation. <i>Water Research</i> , 2006, 40, 331-340.	5.3	15
99	A rationale for the high limits of quantification of antibiotic resistance genes in soil. <i>Environmental Pollution</i> , 2018, 243, 1696-1703.	3.7	14
100	<i>Hydromonas duriensis</i> gen. nov., sp. nov., isolated from freshwater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4134-4139.	0.8	14
101	Application of iron-activated persulfate for municipal wastewater disinfection. <i>Journal of Hazardous Materials</i> , 2022, 426, 127989.	6.5	14
102	Comparative genomics reveals a novel genetic organization of the sad cluster in the sulfonamide-degrader <i>Candidatus Leucobacter sulfamidivorax</i> ™ strain GP. <i>BMC Genomics</i> , 2019, 20, 885.	1.2	13
103	Complete Genome Sequence of <i>Achromobacter denitrificans</i> PR1. <i>Genome Announcements</i> , 2017, 5, .	0.8	12
104	<i>Oryzisolibacter propanilivorax</i> gen. nov., sp. nov., a propanil-degrading bacterium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 3752-3758.	0.8	12
105	Synthesis and assessment of a graphene-based composite photocatalyst. <i>Biochemical Engineering Journal</i> , 2015, 104, 20-26.	1.8	11
106	Inactivation of <i>Geobacillus stearothermophilus</i> spores by alkaline hydrolysis applied to medical waste treatment. <i>Journal of Environmental Management</i> , 2015, 161, 51-56.	3.8	11
107	Relationships among bulk soil physicochemical, biochemical, and microbiological parameters in an organic alfalfa-rice rotation system. <i>Environmental Science and Pollution Research</i> , 2015, 22, 11690-11699.	2.7	11
108	Effect of copper and zinc as sulfate or nitrate salts on soil microbiome dynamics and bla-positive <i>Pseudomonas aeruginosa</i> survival. <i>Journal of Hazardous Materials</i> , 2021, 415, 125631.	6.5	11



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109	Development and Characterization of $\text{Ag}_2\text{O}$ -Doped $\text{ZnO}$ Nanoparticles and Biological Assessment of $\text{Ag}_2\text{O}$ -Hydroxyapatite Composites. <i>Journal of the American Ceramic Society</i> , 2012, 95, 2732-2740.	1.9	10
110	A Pilot Study Combining Ultrafiltration with Ozonation for the Treatment of Secondary Urban Wastewater: Organic Micropollutants, Microbial Load and Biological Effects. <i>Water (Switzerland)</i> , 2020, 12, 3458.	1.2	10
111	Environmental factors influencing molinate biodegradation by a two-member mixed culture in rice paddy field floodwater. <i>International Biodeterioration and Biodegradation</i> , 2012, 72, 52-58.	1.9	9
112	Production of microparticles of molinate degrading biocatalysts using the spray drying technique. <i>Chemosphere</i> , 2016, 161, 61-68.	4.2	9
113	Genetic variation in the conjugative plasmidome of a hospital effluent multidrug resistant <i>Escherichia coli</i> strain. <i>Chemosphere</i> , 2019, 220, 748-759.	4.2	8
114	Characterisation of bacterial communities from an active mining site and assessment of its potential metal solubilising activity. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104495.	3.3	8
115	Antibiotic Resistance in Waste Water and Surface Water and Human Health Implications. <i>Handbook of Environmental Chemistry</i> , 2011, , 173-212.	0.2	7
116	Feasibility of using magnetic nanoparticles in water disinfection. <i>Journal of Environmental Management</i> , 2021, 288, 112410.	3.8	7
117	Development of an automatic identification algorithm for antibiogram analysis. <i>Computers in Biology and Medicine</i> , 2015, 67, 104-115.	3.9	6
118	A modular reactor to simulate biofilm development in orthopedic materials. <i>International Microbiology</i> , 2013, 16, 191-8.	1.1	6
119	Treatment of Waters Containing the Thiocarbamate Herbicide Molinate through an Adsorption/Bio-Regeneration System using a Low-Cost Adsorbent. <i>Water, Air, and Soil Pollution</i> , 2010, 207, 289-298.	1.1	5
120	Irrigation with Treated Wastewater: Potential Impacts on Microbial Function and Diversity in Agricultural Soils. <i>Handbook of Environmental Chemistry</i> , 2015, , 105-128.	0.2	5
121	Enhanced methylene blue photodegradation with propylene carbonate as a solvent. <i>Applied Surface Science</i> , 2018, 458, 597-602.	3.1	5
122	The challenge of removing waste from wastewater: let technology use nature!. <i>Microbial Biotechnology</i> , 2021, 14, 63-67.	2.0	5
123	Characterization of bacterial communities from Maseiras, a unique Portuguese greenhouse agricultural system. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 665-676.	0.7	3
124	Structure-Guided Engineering of Molinate Hydrolase for the Degradation of Thiocarbamate Pesticides. <i>PLoS ONE</i> , 2015, 10, e0123430.	1.1	3
125	Polyphasic characterization of carbapenem-resistant <i>Klebsiella pneumoniae</i> clinical isolates suggests vertical transmission of the blaKPC-3 gene. <i>PLoS ONE</i> , 2021, 16, e0247058.	1.1	2
126	The effect of the growth medium composition on the fatty acids of <i>Rhodothermus marinus</i> and 'Thermus thermophilus' HB-8. <i>FEMS Microbiology Letters</i> , 1993, 112, 13-18.	0.7	2



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127	Characteristics of effluents from healthcare waste treatment with alkaline hydrolysis. Water and Environment Journal, 2016, 30, 211-217.	1.0	0
128	Re-thinking the main goals of biological sciences: is it possible to build new knowledge without fundamental research?. Environmental Microbiology Reports, 2020, 12, 471-472.	1.0	0
129	Farewell Milton. Environmental Microbiology, 2020, 22, 1169-1169.	1.8	0