

# Olga C Nunes

## List of Publications by Citations

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143  
papers

6,308  
citations

38  
h-index

76  
g-index

144  
ext. papers

7,569  
ext. citations

6.5  
avg, IF

6.08  
L-index

#	Paper	IF	Citations
143	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> , <b>2015</b> , 75, 33-51	12.9	597
142	Microbes as Engines of Ecosystem Function: When Does Community Structure Enhance Predictions of Ecosystem Processes?. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 214	5.7	321
141	Antibiotic resistance, antimicrobial residues and bacterial community composition in urban wastewater. <i>Water Research</i> , <b>2013</b> , 47, 1875-87	12.5	311
140	Wastewater reuse in irrigation: a microbiological perspective on implications in soil fertility and human and environmental health. <i>Environment International</i> , <b>2015</b> , 75, 117-35	12.9	264
139	Antibiotic resistance in wastewater treatment plants: Tackling the black box. <i>Environment International</i> , <b>2018</b> , 115, 312-324	12.9	220
138	Bacterial diversity and antibiotic resistance in water habitats: searching the links with the human microbiome. <i>FEMS Microbiology Reviews</i> , <b>2014</b> , 38, 761-78	15.1	212
137	Antimicrobial resistance patterns in Enterobacteriaceae isolated from an urban wastewater treatment plant. <i>FEMS Microbiology Ecology</i> , <b>2007</b> , 60, 166-76	4.3	179
136	Antibiotic resistance of enterococci and related bacteria in an urban wastewater treatment plant. <i>FEMS Microbiology Ecology</i> , <b>2006</b> , 55, 322-9	4.3	163
135	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> , <b>2016</b> , 94, 10-22	12.5	150
134	Solar treatment (HO, TiO-P25 and GO-TiO photocatalysis, photo-Fenton) of organic micropollutants, human pathogen indicators, antibiotic resistant bacteria and related genes in urban wastewater. <i>Water Research</i> , <b>2018</b> , 135, 195-206	12.5	145
133	Ozonation and UV radiation for the removal of microorganisms and antibiotic resistance genes from urban wastewater. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 323, 434-441	12.8	139
132	Biodegradation of sulfamethoxazole and other sulfonamides by <i>Achromobacter denitrificans</i> PR1. <i>Journal of Hazardous Materials</i> , <b>2014</b> , 280, 741-9	12.8	134
131	Antibiotic resistance in urban aquatic environments: can it be controlled?. <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 1543-1557	5.7	127
130	Continuous ozonation of urban wastewater: Removal of antibiotics, antibiotic-resistant <i>Escherichia coli</i> and antibiotic resistance genes and phytotoxicity. <i>Water Research</i> , <b>2019</b> , 159, 333-347	12.5	125
129	Fast mineralization and detoxification of amoxicillin and diclofenac by photocatalytic ozonation and application to an urban wastewater. <i>Water Research</i> , <b>2015</b> , 87, 87-96	12.5	124
128	Diversity and antibiotic resistance patterns of Sphingomonadaceae isolates from drinking water. <i>Applied and Environmental Microbiology</i> , <b>2011</b> , 77, 5697-706	4.8	124
127	Dynamics of drinking water biofilm in flow/non-flow conditions. <i>Water Research</i> , <b>2007</b> , 41, 551-62	12.5	95

126	Insights into the relationship between antimicrobial residues and bacterial populations in a hospital-urban wastewater treatment plant system. <i>Water Research</i> , <b>2014</b> , 54, 327-36	12.5	94
125	Culture-dependent and culture-independent diversity surveys target different bacteria: a case study in a freshwater sample. <i>Antonie Van Leeuwenhoek</i> , <b>2011</b> , 100, 245-57	2.1	87
124	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> , <b>2019</b> , 367, 304-313	14.7	86
123	Diversity and antibiotic resistance in <i>Pseudomonas</i> spp. from drinking water. <i>Science of the Total Environment</i> , <b>2012</b> , 426, 366-74	10.2	86
122	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> , <b>2013</b> , 83, 361-74	4.3	86
121	Antibiotic resistance in coagulase negative staphylococci isolated from wastewater and drinking water. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 3876-82	10.2	86
120	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> , <b>2016</b> , 542, 665-71	10.2	78
119	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> , <b>2013</b> , 463-464, 274-83	10.2	78
118	<i>bla</i> and <i>vanA</i> as indicator genes of antibiotic resistance contamination in a hospital-urban wastewater treatment plant system. <i>Journal of Global Antimicrobial Resistance</i> , <b>2014</b> , 2, 309-315	3.4	71
117	Diversity of bacterial isolates from commercial and homemade composts. <i>Microbial Ecology</i> , <b>2008</b> , 55, 714-22	4.4	67
116	Heterotrophic plate counts and the isolation of bacteria from mineral waters on selective and enrichment media. <i>Journal of Applied Bacteriology</i> , <b>1990</b> , 69, 871-6		67
115	<i>Gulosibacter molinivorax</i> gen. nov., sp. nov., a molinate-degrading bacterium, and classification of <i>Brevibacterium helvolum</i> DSM 20419 as <i>Pseudoclavibacter helvolus</i> gen. nov., sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2004</b> , 54, 783-789	2.2	66
114	Process enhancement at near neutral pH of a homogeneous photo-Fenton reaction using ferricarboxylate complexes: Application to oxytetracycline degradation. <i>Chemical Engineering Journal</i> , <b>2014</b> , 253, 217-228	14.7	64
113	Ubiquitous and persistent Proteobacteria and other Gram-negative bacteria in drinking water. <i>Science of the Total Environment</i> , <b>2017</b> , 586, 1141-1149	10.2	63
112	A novel pathway for mineralization of the thiocarbamate herbicide molinate by a defined bacterial mixed culture. <i>Environmental Microbiology</i> , <b>2003</b> , 5, 944-53	5.2	59
111	Bacterial community variations in an alfalfa-rice rotation system revealed by 16S rRNA gene 454-pyrosequencing. <i>FEMS Microbiology Ecology</i> , <b>2014</b> , 87, 650-63	4.3	58
110	Proteobacteria become predominant during regrowth after water disinfection. <i>Science of the Total Environment</i> , <b>2016</b> , 573, 313-323	10.2	56
109	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> , <b>2011</b> , 43, 115-125	7.5	54

108	Biodegradation of antibiotics: The new resistance determinants - part I. <i>New Biotechnology</i> , <b>2020</b> , 54, 34-51	6.4	50
107	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> , <b>2006</b> , 138, 343-9	12.8	49
106	Isolation and Characterization of Rhodothermus Strains from S. Miguel, Azores. <i>Systematic and Applied Microbiology</i> , <b>1992</b> , 15, 92-97	4.2	39
105	Removal of microorganisms and antibiotic resistance genes from treated urban wastewater: A comparison between aluminium sulphate and tannin coagulants. <i>Water Research</i> , <b>2019</b> , 166, 115056	12.5	37
104	Ciprofloxacin Resistance in Domestic Wastewater Treatment Plants. <i>Water, Air, and Soil Pollution</i> , <b>2010</b> , 208, 335-343	2.6	37
103	Genetic characterization of fluoroquinolone resistant Escherichia coli from urban streams and municipal and hospital effluents. <i>FEMS Microbiology Ecology</i> , <b>2015</b> , 91,	4.3	35
102	Co-composting of poultry manure with low quantities of carbon-rich materials. <i>Waste Management and Research</i> , <b>2009</b> , 27, 119-28	4	35
101	Treatment of cork boiling wastewater using chemical oxidation and biodegradation. <i>Chemosphere</i> , <b>2006</b> , 64, 455-61	8.4	35
100	Tepidiphilus margaritifer gen. nov., sp. nov., isolated from a thermophilic aerobic digester. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2003</b> , 53, 1405-1410	2.2	35
99	Insights on sulfamethoxazole bio-transformation by environmental Proteobacteria isolates. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 358, 310-318	12.8	34
98	Acinetobacter rudis sp. nov., isolated from raw milk and raw wastewater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2011</b> , 61, 2837-2843	2.2	34
97	A membrane-bound HIPIP type center in the thermohalophile Rhodothermus marinus. <i>FEBS Letters</i> , <b>1994</b> , 352, 327-30	3.8	34
96	Gulbenkiania mobilis gen. nov., sp. nov., isolated from treated municipal wastewater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2007</b> , 57, 1108-1112	2.2	33
95	Preliminary feasibility study for the use of an adsorption/bio-regeneration system for molinate removal from effluents. <i>Water Research</i> , <b>2004</b> , 38, 2677-84	12.5	33
94	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> , <b>2014</b> , 34, 21-7	8.6	31
93	Bombella intestini gen. nov., sp. nov., an acetic acid bacterium isolated from bumble bee crop. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2015</b> , 65, 267-273	2.2	31
92	Bordetella bronchialis sp. nov., Bordetella flabilis sp. nov. and Bordetella sputigena sp. nov., isolated from human respiratory specimens, and reclassification of Achromobacter sediminum Zhang et al. 2014 as Verticia sediminum gen. nov., comb. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2015</b> , 65, 3674-3682	2.2	30
91	Humibacter albus gen. nov., sp. nov., isolated from sewage sludge compost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2008</b> , 58, 1014-8	2.2	29

90	Paenibacillus humicus sp. nov., isolated from poultry litter compost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2007</b> , 57, 2267-2271	2.2	29
89	Solar photocatalytic oxidation of recalcitrant natural metabolic by-products of amoxicillin biodegradation. <i>Water Research</i> , <b>2014</b> , 65, 307-20	12.5	28
88	Acetobacter sicerae sp. nov., isolated from cider and kefir, and identification of species of the genus Acetobacter by dnaK, groEL and rpoB sequence analysis. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2014</b> , 64, 2407-2415	2.2	28
87	Desalination and removal of organic micropollutants and microorganisms by membrane distillation. <i>Desalination</i> , <b>2018</b> , 437, 121-132	10.3	27
86	New insights into a bacterial metabolic and detoxifying association responsible for the mineralization of the thiocarbamate herbicide molinate. <i>Microbiology (United Kingdom)</i> , <b>2008</b> , 154, 1038-1046	2.0	26
85	Biological treatment of propanil and 3,4-dichloroaniline: kinetic and microbiological characterisation. <i>Water Research</i> , <b>2010</b> , 44, 4980-91	12.5	25
84	A case study of molinate application in a Portuguese rice field: herbicide dissipation and proposal of a clean-up methodology. <i>Chemosphere</i> , <b>2005</b> , 59, 1059-65	8.4	25
83	Bioaugmentation of membrane bioreactor with Achromobacter denitrificans strain PR1 for enhanced sulfamethoxazole removal in wastewater. <i>Science of the Total Environment</i> , <b>2019</b> , 648, 44-55	10.2	24
82	Assessment of solar driven TiO <sub>2</sub> -assisted photocatalysis efficiency on amoxicillin degradation. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 1292-303	5.1	23
81	Molinate quantification in environmental water by a glutathione-S-transferase based biosensor. <i>Talanta</i> , <b>2013</b> , 106, 249-54	6.2	21
80	Biodegradation of antibiotics: The new resistance determinants - part II. <i>New Biotechnology</i> , <b>2020</b> , 54, 13-27	6.4	21
79	Biodegradation of sulfamethoxazole by a bacterial consortium of Achromobacter denitrificans PR1 and Leucobacter sp. GP. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 10299-10314	5.7	21
78	Sphingobium vermicomposti sp. nov., isolated from vermicompost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2009</b> , 59, 3145-9	2.2	20
77	Bacillus purgationiresistans sp. nov., isolated from a drinking-water treatment plant. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2012</b> , 62, 71-77	2.2	20
76	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> , <b>2017</b> , 175, 274-286	8.3	19
75	Microbial degradation of the herbicide molinate by defined cultures and in the environment. <i>Applied Microbiology and Biotechnology</i> , <b>2013</b> , 97, 10275-91	5.7	19
74	Recovery of humic-like substances from low quality composts. <i>Bioresource Technology</i> , <b>2013</b> , 128, 624-321	3.1	19
73	Paenibacillus residui sp. nov., isolated from urban waste compost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2010</b> , 60, 2415-2419	2.2	19

72	<i>Pseudosphingobacterium domesticum</i> gen. nov., sp. nov., isolated from home-made compost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2007</b> , 57, 1535-1538	2.2	19
71	Visible-light-induced self-cleaning functional fabrics using graphene oxide/carbon nitride materials. <i>Applied Surface Science</i> , <b>2019</b> , 497, 143757	6.7	18
70	Photoinactivation of various antibiotic resistant strains of <i>Escherichia coli</i> using a paint coat. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2013</b> , 251, 148-153	4.7	18
69	<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> , <b>2011</b> , 61, 2238-2246 <sup>18</sup>	2.2	18
68	Bacterial diversity and bioaugmentation in floodwater of a paddy field in the presence of the herbicide molinate. <i>Biodegradation</i> , <b>2011</b> , 22, 445-61	4.1	18
67	<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> , <b>2003</b> , 53, 1375-1382 <sup>2.2</sup>	2.2	18
66	Microencapsulation of <i>Gulosibacter molinativorax</i> ON4 cells by a spray-drying process using different biopolymers. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 338, 85-92	12.8	17
65	Molinate biodegradation in soils: natural attenuation versus bioaugmentation. <i>Applied Microbiology and Biotechnology</i> , <b>2013</b> , 97, 2691-700	5.7	17
64	<i>Shinella fusca</i> sp. nov., isolated from domestic waste compost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2010</b> , 60, 144-148	2.2	17
63	<i>Gulosibacter molinativorax</i> ON4T molinate hydrolase, a novel cobalt-dependent amidohydrolase. <i>Journal of Bacteriology</i> , <b>2011</b> , 193, 5810-6	3.5	17
62	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> , <b>2021</b> , 9, 105315	6.8	16
61	Anti-sessile bacterial and cytocompatibility properties of CHX-loaded nanohydroxyapatite. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 130, 305-14	6	15
60	Effect of operating parameters on molinate biodegradation. <i>Water Research</i> , <b>2006</b> , 40, 331-40	12.5	15
59	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> , <b>1993</b> , 112, 13-18	2.9	15
58	Comparison of the bacterial composition of two commercial composts with different physicochemical, stability and maturity properties. <i>Waste Management</i> , <b>2016</b> , 50, 20-30	8.6	15
57	Influence of nanohydroxyapatite surface properties on <i>Staphylococcus epidermidis</i> biofilm formation. <i>Journal of Biomaterials Applications</i> , <b>2014</b> , 28, 1325-35	2.9	13
56	Applications of optical DNA mapping in microbiology. <i>BioTechniques</i> , <b>2017</b> , 62, 255-267	2.5	13
55	<i>Patulibacter medicamentivorans</i> sp. nov., isolated from activated sludge of a wastewater treatment plant. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2013</b> , 63, 2588-2593 <sup>2.2</sup>	2.2	12

54	Staphylococcus aureus and Escherichia coli dual-species biofilms on nanohydroxyapatite loaded with CHX or ZnO nanoparticles. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2017</b> , 105, 491-497	5.4	12
53	The Polar Lipid and Fatty Acid Composition of Rhodothermus Strains. <i>Systematic and Applied Microbiology</i> , <b>1992</b> , 15, 59-62	4.2	12
52	Microbacterium luticocti sp. nov., isolated from sewage sludge compost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2008</b> , 58, 1700-4	2.2	11
51	Living with sulfonamides: a diverse range of mechanisms observed in bacteria. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 10389-10408	5.7	11
50	A rationale for the high limits of quantification of antibiotic resistance genes in soil. <i>Environmental Pollution</i> , <b>2018</b> , 243, 1696-1703	9.3	11
49	Synthesis and assessment of a graphene-based composite photocatalyst. <i>Biochemical Engineering Journal</i> , <b>2015</b> , 104, 20-26	4.2	10
48	Inactivation of Geobacillus stearothermophilus spores by alkaline hydrolysis applied to medical waste treatment. <i>Journal of Environmental Management</i> , <b>2015</b> , 161, 51-56	7.9	10
47	Relationships among bulk soil physicochemical, biochemical, and microbiological parameters in an organic alfalfa-rice rotation system. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 11690-9	5.1	9
46	Microbacterium invictum sp. nov., isolated from homemade compost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2009</b> , 59, 2036-41	2.2	9
45	Application of magnetic nanoparticles for water purification. <i>Environmental Advances</i> , <b>2020</b> , 2, 100010	3.5	9
44	Development and Characterization of Ag <sub>2</sub> O-Doped ZnLB Glasses and Biological Assessment of Ag <sub>2</sub> O@ZnLB@Hydroxyapatite Composites. <i>Journal of the American Ceramic Society</i> , <b>2012</b> , 95, 2732-2740	3.8	8
43	Complete Genome Sequence of PR1. <i>Genome Announcements</i> , <b>2017</b> , 5,		8
42	Environmental factors influencing molinate biodegradation by a two-member mixed culture in rice paddy field floodwater. <i>International Biodeterioration and Biodegradation</i> , <b>2012</b> , 72, 52-58	4.8	7
41	Production of microparticles of molinate degrading biocatalysts using the spray drying technique. <i>Chemosphere</i> , <b>2016</b> , 161, 61-68	8.4	7
40	Genetic variation in the conjugative plasmidome of a hospital effluent multidrug resistant Escherichia coli strain. <i>Chemosphere</i> , <b>2019</b> , 220, 748-759	8.4	7
39	Oryzisolibacter propanilivorax gen. nov., sp. nov., a propanil-degrading bacterium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2017</b> , 67, 3752-3758	2.2	6
38	A modular reactor to simulate biofilm development in orthopedic materials. <i>International Microbiology</i> , <b>2013</b> , 16, 191-8	3	6
37	Development of an automatic identification algorithm for antibiogram analysis. <i>Computers in Biology and Medicine</i> , <b>2015</b> , 67, 104-15	7	5

36	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> , <b>2020</b> , 12, 3458	3	5
35	Antibiotic Resistance in Waste Water and Surface Water and Human Health Implications. <i>Handbook of Environmental Chemistry</i> , <b>2011</b> , 173-212	0.8	5
34	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> , <b>2010</b> , 207, 289-298	2.6	5
33	<i>Hydromonas duriensis</i> gen. nov., sp. nov., isolated from freshwater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2015</b> , 65, 4134-4139	2.2	5
32	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> , <b>2019</b> , 20, 885	4.5	5
31	Enhanced methylene blue photodegradation with propylene carbonate as a solvent. <i>Applied Surface Science</i> , <b>2018</b> , 458, 597-602	6.7	4
30	Sources of Antibiotic Resistance <b>2019</b> , 211-238		4
29	Characterization of bacterial communities from Masseiras, a unique Portuguese greenhouse agricultural system. <i>Antonie Van Leeuwenhoek</i> , <b>2017</b> , 110, 665-676	2.1	3
28	Irrigation with Treated Wastewater: Potential Impacts on Microbial Function and Diversity in Agricultural Soils. <i>Handbook of Environmental Chemistry</i> , <b>2015</b> , 105-128	0.8	3
27	Characterisation of bacterial communities from an active mining site and assessment of its potential metal solubilising activity. <i>Journal of Environmental Chemical Engineering</i> , <b>2020</b> , 8, 104495	6.8	3
26	Feasibility of using magnetic nanoparticles in water disinfection. <i>Journal of Environmental Management</i> , <b>2021</b> , 288, 112410	7.9	3
25	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> , <b>2021</b> , 415, 125631	12.8	3
24	Rethinking water treatment targets: Bacteria regrowth under unprovable conditions. <i>Water Research</i> , <b>2021</b> , 201, 117374	12.5	3
23	Structure-guided engineering of molinate hydrolase for the degradation of thiocarbamate pesticides. <i>PLoS ONE</i> , <b>2015</b> , 10, e0123430	3.7	2
22	The challenge of removing waste from wastewater: let technology use nature!. <i>Microbial Biotechnology</i> , <b>2021</b> , 14, 63-67	6.3	2
21	Overgrowth control of potentially hazardous bacteria during storage of ozone treated wastewater through natural competition.. <i>Water Research</i> , <b>2021</b> , 209, 117932	12.5	1
20	<i>Candidimonas</i> 1-6		1
19	Polyphasic characterization of carbapenem-resistant <i>Klebsiella pneumoniae</i> clinical isolates suggests vertical transmission of the blaKPC-3 gene. <i>PLoS ONE</i> , <b>2021</b> , 16, e0247058	3.7	1



- 18 Application of iron-activated persulfate for municipal wastewater disinfection.. *Journal of Hazardous Materials*, **2021**, 426, 127989 12.8 0
- 17 Alicycliphilus **2020**, 1-7
- 16 Farewell Milton. *Environmental Microbiology*, **2020**, 22, 1169 5.2
- 15 Gulosibacter **2015**, 1-7
- 14 Humibacter **2015**, 1-3
- 13 Pseudoclavibacter **2015**, 1-9
- 12 Influence of heavy metals fraction on quality of composts **2019**, 293-300
- 11 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 3.7
- 10 Microbial diversity and ecology of bottled water **2016**, 560-580
- 9 Characteristics of effluents from healthcare waste treatment with alkaline hydrolysis. *Water and Environment Journal*, **2016**, 30, 211-217 1.7
- 8 Hydromonas **2019**, 1-5
- 7 Tepidiphilus **2019**, 1-6
- 6 Oryzisolibacter **2019**, 1-5
- 5 Schlegelella1-11
- 4 Pusillimonas1-15
- 3 Parapusillimonas1-5
- 2 Paracandidimonas1-6
- 1 Gulbenkiania1-7

