

# Ivone Vaz-Moreira

## List of Publications by Citations

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59 papers	2,613 citations	25 h-index	51 g-index
60 ext. papers	3,343 ext. citations	6.1 avg, IF	5.24 L-index

#	Paper	IF	Citations
59	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
58	Antibiotic resistance in wastewater treatment plants: Tackling the black box. <i>Environment International</i> , <b>2018</b> , 115, 312-324	12.9	220
57	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
56	Antibiotic resistance in European wastewater treatment plants mirrors the pattern of clinical antibiotic resistance prevalence. <i>Science Advances</i> , <b>2019</b> , 5, eaau9124	14.3	184
55	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
54	Diversity and antibiotic resistance of Aeromonas spp. in drinking and waste water treatment plants. <i>Water Research</i> , <b>2011</b> , 45, 5599-611	12.5	140
53	Antibiotic residues in final effluents of European wastewater treatment plants and their impact on the aquatic environment. <i>Environment International</i> , <b>2020</b> , 140, 105733	12.9	124
52	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
51	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
50	Diversity and antibiotic resistance in Pseudomonas spp. from drinking water. <i>Science of the Total Environment</i> , <b>2012</b> , 426, 366-74	10.2	86
49	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
48	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
47	Diversity of bacterial isolates from commercial and homemade composts. <i>Microbial Ecology</i> , <b>2008</b> , 55, 714-22	4.4	67
46	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
45	Bacterial lineages putatively associated with the dissemination of antibiotic resistance genes in a full-scale urban wastewater treatment plant. <i>Environment International</i> , <b>2018</b> , 118, 179-188	12.9	63
44	Bottled mineral water as a potential source of antibiotic resistant bacteria. <i>Water Research</i> , <b>2012</b> , 46, 3612-22	12.5	63
43	Diversity and antibiotic resistance of Acinetobacter spp. in water from the source to the tap. <i>Applied Microbiology and Biotechnology</i> , <b>2013</b> , 97, 329-40	5.7	49

42	Multidrug Resistance in Quinolone-Resistant Gram-Negative Bacteria Isolated from Hospital Effluent and the Municipal Wastewater Treatment Plant. <i>Microbial Drug Resistance</i> , <b>2016</b> , 22, 155-63	2.9	35
41	Assessment of copper and zinc salts as selectors of antibiotic resistance in Gram-negative bacteria. <i>Science of the Total Environment</i> , <b>2015</b> , 530-531, 367-372	10.2	34
40	<i>Acinetobacter rudis</i> 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
39	<i>Gulbenkiania mobilis</i> 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
38	<i>Humibacter albus</i> 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
37	<i>Paenibacillus humicus</i> 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
36	Metagenomic analysis of an urban resistome before and after wastewater treatment. <i>Scientific Reports</i> , <b>2020</b> , 10, 8174	4.9	28
35	Comparison of ubiquitous antibiotic-resistant Enterobacteriaceae populations isolated from wastewaters, surface waters and drinking waters. <i>Journal of Water and Health</i> , <b>2012</b> , 10, 1-10	2.2	28
34	Genotypic diversity and antibiotic resistance in Sphingomonadaceae isolated from hospital tap water. <i>Science of the Total Environment</i> , <b>2014</b> , 466-467, 127-35	10.2	25
33	<i>Sphingobium vermicomposti</i> sp. nov., isolated from vermicompost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2009</b> , 59, 3145-9	2.2	20
32	<i>Bacillus purgationiresistans</i> 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
31	<i>Paenibacillus residui</i> 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
30	<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
29	<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
28	Neighbor urban wastewater treatment plants display distinct profiles of bacterial community and antibiotic resistance genes. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 11269-11278	5.1	17
27	<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
26	<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	2.2	12
25	<i>Microbacterium luticocti</i> 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

24	Monitoring antibiotic resistance genes in wastewater environments: The challenges of filling a gap in the One-Health cycle. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 424, 127407	12.8	11
23	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
22	are predominant in drinking water: are there reasons for concern?. <i>Critical Reviews in Microbiology</i> , <b>2019</b> , 45, 649-667	7.8	9
21	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
20	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
19	Development of an automatic identification algorithm for antibiogram analysis. <i>Computers in Biology and Medicine</i> , <b>2015</b> , 67, 104-15	7	5
18	Association between gentamicin resistance and stress tolerance in water isolates of <i>Ralstonia pickettii</i> and <i>R. mannitolilytica</i> . <i>Folia Microbiologica</i> , <b>2019</b> , 64, 63-72	2.8	5
17	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
16	Hydromonas duriensis 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
15	The risk of transmitting antibiotic resistance through endophytic bacteria. <i>Trends in Plant Science</i> , <b>2021</b> , 26, 1213-1226	13.1	5
14	Sources of Antibiotic Resistance <b>2019</b> , 211-238		4
13	Draft Genome Sequences of Two <i>Ralstonia pickettii</i> Strains with Different Aminoglycoside Resistance Phenotypes. <i>Genome Announcements</i> , <b>2016</b> , 4,		4
12	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
11	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
10	Persistence of wastewater antibiotic resistant bacteria and their genes in human fecal material. <i>FEMS Microbiology Ecology</i> , <b>2020</b> , 96,	4.3	1
9	Antibiotic resistance in wastewater, does the context matter? Poland and Portugal as a case study. <i>Critical Reviews in Environmental Science and Technology</i> , 1-23	11.1	1
8	Candidimonas1-6		1
7	Alicyclophilus <b>2020</b> , 1-7		

6 Hydromonas **2019**, 1-5

5 Oryzisolibacter **2019**, 1-5

4 Evolution of gentamicin and arsenite resistance acquisition in *Ralstonia pickettii* water isolates.  
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3 Pusillimonas1-15

2 Paracandidimonas1-6

1 Gulbenkiania1-7