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List of Publications by Citations

155 papers	9,709 citations	52 h-index	97 g-index
157 ext. papers	11,999 ext. citations	6.9 avg, IF	6.51 L-index

#	Paper	IF	Citations
155	Urban wastewater treatment plants as hotspots for the release of antibiotics in the environment: a review. *Water Research*, **2013**, 47, 957-95	12.5	1189
154	Tackling antibiotic resistance: the environmental framework. *Nature Reviews Microbiology*, **2015**, 13, 310-7	22.2	1092
153	Antibiotic resistance, antimicrobial residues and bacterial community composition in urban wastewater. *Water Research*, **2013**, 47, 1875-87	12.5	311
152	Wastewater reuse in irrigation: a microbiological perspective on implications in soil fertility and human and environmental health. *Environment International*, **2015**, 75, 117-35	12.9	264
151	The potential implications of reclaimed wastewater reuse for irrigation on the agricultural environment: The knowns and unknowns of the fate of antibiotics and antibiotic resistant bacteria and resistance genes - A review. *Water Research*, **2017**, 123, 448-467	12.5	251
150	Performance of secondary wastewater treatment methods for the removal of contaminants of emerging concern implicated in crop uptake and antibiotic resistance spread: A review. *Science of the Total Environment*, **2019**, 648, 1052-1081	10.2	227
149	Antibiotic resistance in wastewater treatment plants: Tackling the black box. *Environment International*, **2018**, 115, 312-324	12.9	220
148	Bacterial diversity and antibiotic resistance in water habitats: searching the links with the human microbiome. *FEMS Microbiology Reviews*, **2014**, 38, 761-78	15.1	212
147	Antibiotic resistance in European wastewater treatment plants mirrors the pattern of clinical antibiotic resistance prevalence. *Science Advances*, **2019**, 5, eaau9124	14.3	184
146	Critical knowledge gaps and research needs related to the environmental dimensions of antibiotic resistance. *Environment International*, **2018**, 117, 132-138	12.9	183
145	Antimicrobial resistance patterns in Enterobacteriaceae isolated from an urban wastewater treatment plant. *FEMS Microbiology Ecology*, **2007**, 60, 166-76	4.3	179
144	Assessing the Risk of Antibiotic Resistance Transmission from the Environment to Humans: Non-Direct Proportionality between Abundance and Risk. *Trends in Microbiology*, **2017**, 25, 173-181	12.4	177
143	Antibiotic resistance of enterococci and related bacteria in an urban wastewater treatment plant. *FEMS Microbiology Ecology*, **2006**, 55, 322-9	4.3	163
142	Photocatalytic ozonation of urban wastewater and surface water using immobilized TiO2 with LEDs: Micropollutants, antibiotic resistance genes and estrogenic activity. *Water Research*, **2016**, 94, 10-22	12.5	150
141	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. *Water Research*, **2018**, 135, 195-206	12.5	145
140	Toward a Comprehensive Strategy to Mitigate Dissemination of Environmental Sources of Antibiotic Resistance. *Environmental Science & Technology*, **2017**, 51, 13061-13069	10.3	144
139	Diversity and antibiotic resistance of Aeromonas spp. in drinking and waste water treatment plants. *Water Research*, **2011**, 45, 5599-611	12.5	140

138	Ozonation and UV radiation for the removal of microorganisms and antibiotic resistance genes from urban wastewater. *Journal of Hazardous Materials*, **2017**, 323, 434-441	12.8	139
137	Solar photo-Fenton process on the abatement of antibiotics at a pilot scale: Degradation kinetics, ecotoxicity and phytotoxicity assessment and removal of antibiotic resistant enterococci. *Water Research*, **2012**, 46, 5621-5634	12.5	137
136	Biodegradation of sulfamethoxazole and other sulfonamides by Achromobacter denitrificans PR1. *Journal of Hazardous Materials*, **2014**, 280, 741-9	12.8	134
135	Factors influencing antibiotic resistance burden in municipal wastewater treatment plants. *Applied Microbiology and Biotechnology*, **2010**, 87, 1157-66	5.7	130
134	Antibiotic resistance in urban aquatic environments: can it be controlled?. *Applied Microbiology and Biotechnology*, **2016**, 100, 1543-1557	5.7	127
133	Continuous ozonation of urban wastewater: Removal of antibiotics, antibiotic-resistant Escherichia coli and antibiotic resistance genes and phytotoxicity. *Water Research*, **2019**, 159, 333-347	12.5	125
132	Antibiotic residues in final effluents of European wastewater treatment plants and their impact on the aquatic environment. *Environment International*, **2020**, 140, 105733	12.9	124
131	Diversity and antibiotic resistance patterns of Sphingomonadaceae isolates from drinking water. *Applied and Environmental Microbiology*, **2011**, 77, 5697-706	4.8	124
130	Antibiotic resistance genes in treated wastewater and in the receiving water bodies: A pan-European survey of urban settings. *Water Research*, **2019**, 162, 320-330	12.5	117
129	Insights into the relationship between antimicrobial residues and bacterial populations in a hospital-urban wastewater treatment plant system. *Water Research*, **2014**, 54, 327-36	12.5	94
128	Culture-dependent and culture-independent diversity surveys target different bacteria: a case study in a freshwater sample. *Antonie Van Leeuwenhoek*, **2011**, 100, 245-57	2.1	87
127	Heterogeneous photocatalysis using UVA-LEDs for the removal of antibiotics and antibiotic resistant bacteria from urban wastewater treatment plant effluents. *Chemical Engineering Journal*, **2019**, 367, 304-313	14.7	86
126	Diversity and antibiotic resistance in Pseudomonas spp. from drinking water. *Science of the Total Environment*, **2012**, 426, 366-74	10.2	86
125	Bacterial diversity from the source to the tap: a comparative study based on 16S rRNA gene-DGGE and culture-dependent methods. *FEMS Microbiology Ecology*, **2013**, 83, 361-74	4.3	86
124	Antibiotic resistance in coagulase negative staphylococci isolated from wastewater and drinking water. *Science of the Total Environment*, **2009**, 407, 3876-82	10.2	86
123	Vancomycin resistant enterococci: from the hospital effluent to the urban wastewater treatment plant. *Science of the Total Environment*, **2013**, 450-451, 155-61	10.2	85
122	Quinolone resistant Aeromonas spp. as carriers and potential tracers of acquired antibiotic resistance in hospital and municipal wastewater. *Science of the Total Environment*, **2016**, 542, 665-71	10.2	78
121	Differential patterns of antimicrobial resistance in population subsets of Escherichia coli isolated from waste- and surface waters. *Science of the Total Environment*, **2011**, 409, 1017-23	10.2	73

120	bla and vanA as indicator genes of antibiotic resistance contamination in a hospital-urban wastewater treatment plant system. *Journal of Global Antimicrobial Resistance*, **2014**, 2, 309-315	3.4	71
119	Assessment of full-scale tertiary wastewater treatment by UV-C based-AOPs: Removal or persistence of antibiotics and antibiotic resistance genes?. *Science of the Total Environment*, **2019**, 652, 1051-1061	10.2	70
118	Diversity of bacterial isolates from commercial and homemade composts. *Microbial Ecology*, **2008**, 55, 714-22	4.4	67
117	Heterotrophic plate counts and the isolation of bacteria from mineral waters on selective and enrichment media. *Journal of Applied Bacteriology*, **1990**, 69, 871-6		67
116	Gulosibacter molinativorax gen. nov., sp. nov., a molinate-degrading bacterium, and classification of TBrevibacterium helvolumTDSM 20419 as Pseudoclavibacter helvolus gen. nov., sp. nov. *International Journal of Systematic and Evolutionary Microbiology*, **2004**, 54, 783-789	2.2	66
115	Water and sanitation: an essential battlefront in the war on antimicrobial resistance. *FEMS Microbiology Ecology*, **2018**, 94,	4.3	64
114	Ubiquitous and persistent Proteobacteria and other Gram-negative bacteria in drinking water. *Science of the Total Environment*, **2017**, 586, 1141-1149	10.2	63
113	Bacterial lineages putatively associated with the dissemination of antibiotic resistance genes in a full-scale urban wastewater treatment plant. *Environment International*, **2018**, 118, 179-188	12.9	63
112	Bottled mineral water as a potential source of antibiotic resistant bacteria. *Water Research*, **2012**, 46, 3612-22	12.5	63
111	A novel pathway for mineralization of the thiocarbamate herbicide molinate by a defined bacterial mixed culture. *Environmental Microbiology*, **2003**, 5, 944-53	5.2	59
110	High Throughput Analysis of Integron Gene Cassettes in Wastewater Environments. *Environmental Science & Technology*, **2016**, 50, 11825-11836	10.3	59
109	Bacterial community variations in an alfalfa-rice rotation system revealed by 16S rRNA gene 454-pyrosequencing. *FEMS Microbiology Ecology*, **2014**, 87, 650-63	4.3	58
108	Proteobacteria become predominant during regrowth after water disinfection. *Science of the Total Environment*, **2016**, 573, 313-323	10.2	56
107	Human health implications of clinically relevant bacteria in wastewater habitats. *Environmental Science and Pollution Research*, **2013**, 20, 3550-69	5.1	55
106	Antibiotic Resistance Genes in the Human-Impacted Environment: A One Health Perspective. *Pedosphere*, **2019**, 29, 273-282	5	54
105	Comparative study of the microbial diversity of bulk paddy soil of two rice fields subjected to organic and conventional farming. *Soil Biology and Biochemistry*, **2011**, 43, 115-125	7.5	54
104	Reusing Treated Wastewater: Consideration of the Safety Aspects Associated with Antibiotic-Resistant Bacteria and Antibiotic Resistance Genes. *Water (Switzerland)*, **2018**, 10, 244	3	52
103	Diversity and antibiotic resistance of Acinetobacter spp. in water from the source to the tap. *Applied Microbiology and Biotechnology*, **2013**, 97, 329-40	5.7	49

102	Metabolic and genetic diversity of mesophilic and thermophilic bacteria isolated from composted municipal sludge on poly-epsilon-caprolactones. *Current Microbiology*, **2004**, 49, 407-14	2.4	44
101	Removal of microorganisms and antibiotic resistance genes from treated urban wastewater: A comparison between aluminium sulphate and tannin coagulants. *Water Research*, **2019**, 166, 115056	12.5	37
100	Ciprofloxacin Resistance in Domestic Wastewater Treatment Plants. *Water, Air, and Soil Pollution*, **2010**, 208, 335-343	2.6	37
99	Multidrug Resistance in Quinolone-Resistant Gram-Negative Bacteria Isolated from Hospital Effluent and the Municipal Wastewater Treatment Plant. *Microbial Drug Resistance*, **2016**, 22, 155-63	2.9	35
98	Investigating the impact of UV-C/H2O2 and sunlight/H2O2 on the removal of antibiotics, antibiotic resistance determinants and toxicity present in urban wastewater. *Chemical Engineering Journal*, **2020**, 388, 124383	14.7	35
97	Genetic characterization of fluoroquinolone resistant Escherichia coli from urban streams and municipal and hospital effluents. *FEMS Microbiology Ecology*, **2015**, 91,	4.3	35
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95	Tepidiphilus margaritifer gen. nov., sp. nov., isolated from a thermophilic aerobic digester. *International Journal of Systematic and Evolutionary Microbiology*, **2003**, 53, 1405-1410	2.2	35
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93	Insights on sulfamethoxazole bio-transformation by environmental Proteobacteria isolates. *Journal of Hazardous Materials*, **2018**, 358, 310-318	12.8	34
92	Acinetobacter rudis sp. nov., isolated from raw milk and raw wastewater. *International Journal of Systematic and Evolutionary Microbiology*, **2011**, 61, 2837-2843	2.2	34
91	Association of financial or professional conflict of interest to research outcomes on health risks or nutritional assessment studies of genetically modified products. *Food Policy*, **2011**, 36, 197-203	5	34
90	Gulbenkiania mobilis gen. nov., sp. nov., isolated from treated municipal wastewater. *International Journal of Systematic and Evolutionary Microbiology*, **2007**, 57, 1108-1112	2.2	33
89	Preliminary feasibility study for the use of an adsorption/bio-regeneration system for molinate removal from effluents. *Water Research*, **2004**, 38, 2677-84	12.5	33
88	Bombella intestini gen. nov., sp. nov., an acetic acid bacterium isolated from bumble bee crop. *International Journal of Systematic and Evolutionary Microbiology*, **2015**, 65, 267-273	2.2	31
87	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. *International Journal of Systematic and Evolutionary Microbiology*, **2015**, 65, 3674-3682	2.2	30
86	Multidrug resistance phenotypes are widespread over different bacterial taxonomic groups thriving in surface water. *Science of the Total Environment*, **2016**, 563-564, 1-9	10.2	30
85	Humibacter albus gen. nov., sp. nov., isolated from sewage sludge compost. *International Journal of Systematic and Evolutionary Microbiology*, **2008**, 58, 1014-8	2.2	29

84	Paenibacillus humicus sp. nov., isolated from poultry litter compost. *International Journal of Systematic and Evolutionary Microbiology*, **2007**, 57, 2267-2271	2.2	29
83	Inter-laboratory calibration of quantitative analyses of antibiotic resistance genes. *Journal of Environmental Chemical Engineering*, **2020**, 8, 102214	6.8	29
82	Metagenomic analysis of an urban resistome before and after wastewater treatment. *Scientific Reports*, **2020**, 10, 8174	4.9	28
81	Acetobacter sicerae sp. nov., isolated from cider and kefir, and identification of species of the genus Acetobacter by dnaK, groEL and rpoB sequence analysis. *International Journal of Systematic and Evolutionary Microbiology*, **2014**, 64, 2407-2415	2.2	28
80	GES-5 among the β-lactamases detected in ubiquitous bacteria isolated from aquatic environment samples. *FEMS Microbiology Letters*, **2014**, 351, 64-69	2.9	28
79	Quinolone-resistant Escherichia coli isolated from birds of prey in Portugal are genetically distinct from those isolated from water environments and gulls in Portugal, Spain and Sweden. *Environmental Microbiology*, **2014**, 16, 995-1004	5.2	28
78	Comparison of ubiquitous antibiotic-resistant Enterobacteriaceae populations isolated from wastewaters, surface waters and drinking waters. *Journal of Water and Health*, **2012**, 10, 1-10	2.2	28
77	Molecular evidence of the close relatedness of clinical, gull and wastewater isolates of quinolone-resistant Escherichia coli. *Journal of Global Antimicrobial Resistance*, **2015**, 3, 286-289	3.4	27
76	New insights into a bacterial metabolic and detoxifying association responsible for the mineralization of the thiocarbamate herbicide molinate. *Microbiology (United Kingdom)*, **2008**, 154, 1038-1046	2.9	26
75	Genotypic diversity and antibiotic resistance in Sphingomonadaceae isolated from hospital tap water. *Science of the Total Environment*, **2014**, 466-467, 127-35	10.2	25
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73	Sphingobium vermicomposti sp. nov., isolated from vermicompost. *International Journal of Systematic and Evolutionary Microbiology*, **2009**, 59, 3145-9	2.2	20
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70	Paenibacillus residui sp. nov., isolated from urban waste compost. *International Journal of Systematic and Evolutionary Microbiology*, **2010**, 60, 2415-2419	2.2	19
69	Pseudosphingobacterium domesticum gen. nov., sp. nov., isolated from home-made compost. *International Journal of Systematic and Evolutionary Microbiology*, **2007**, 57, 1535-1538	2.2	19
68	Pseudomonas thermotolerans sp. nov., a thermotolerant species of the genus Pseudomonas sensu stricto. *International Journal of Systematic and Evolutionary Microbiology*, **2002**, 52, 2203-2209	2.2	19
67	Immobilised Cerium-Doped Zinc Oxide as a Photocatalyst for the Degradation of Antibiotics and the Inactivation of Antibiotic-Resistant Bacteria. *Catalysts*, **2019**, 9, 222	4	18

66	Comparison of Culture- and Quantitative PCR-Based Indicators of Antibiotic Resistance in Wastewater, Recycled Water, and Tap Water. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	18
65	Photoinactivation of various antibiotic resistant strains of Escherichia coli using a paint coat. *Journal of Photochemistry and Photobiology A: Chemistry*, **2013**, 251, 148-153	4.7	18
64	Candidimonas nitroreducens gen. nov., sp. nov. and Candidimonas humi sp. nov., isolated from sewage sludge compost. *International Journal of Systematic and Evolutionary Microbiology*, **2011**, 61, 2238-2246	2.2	18
63	Bacterial diversity and bioaugmentation in floodwater of a paddy field in the presence of the herbicide molinate. *Biodegradation*, **2011**, 22, 445-61	4.1	18
62	Caenibacterium thermophilum gen. nov., sp. nov., isolated from a thermophilic aerobic digester of municipal sludge. *International Journal of Systematic and Evolutionary Microbiology*, **2003**, 53, 1375-1382	2.2	18
61	Neighbor urban wastewater treatment plants display distinct profiles of bacterial community and antibiotic resistance genes. *Environmental Science and Pollution Research*, **2019**, 26, 11269-11278	5.1	17
60	Molinate biodegradation in soils: natural attenuation versus bioaugmentation. *Applied Microbiology and Biotechnology*, **2013**, 97, 2691-700	5.7	17
59	Shinella fusca sp. nov., isolated from domestic waste compost. *International Journal of Systematic and Evolutionary Microbiology*, **2010**, 60, 144-148	2.2	17
58	A global multinational survey of cefotaxime-resistant coliforms in urban wastewater treatment plants. *Environment International*, **2020**, 144, 106035	12.9	17
57	Fate of cefotaxime-resistant Enterobacteriaceae and ESBL-producers over a full-scale wastewater treatment process with UV disinfection. *Science of the Total Environment*, **2018**, 639, 1028-1037	10.2	17
56	Impact of disinfection processes on bacterial community in urban wastewater: Should we rethink microbial assessment methods?. *Journal of Environmental Chemical Engineering*, **2020**, 8, 104393	6.8	13
55	The Polar Lipid and Fatty Acid Composition of Rhodothermus Strains. *Systematic and Applied Microbiology*, **1992**, 15, 59-62	4.2	12
54	Molecular characterization of quinolone resistance mechanisms and extended-spectrum β-lactamase production in Escherichia coli isolated from dogs. *Comparative Immunology, Microbiology and Infectious Diseases*, **2015**, 41, 43-8	2.6	11
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52	Monitoring antibiotic resistance genes in wastewater environments: The challenges of filling a gap in the One-Health cycle. *Journal of Hazardous Materials*, **2021**, 424, 127407	12.8	11
51	Living with sulfonamides: a diverse range of mechanisms observed in bacteria. *Applied Microbiology and Biotechnology*, **2020**, 104, 10389-10408	5.7	11
50	A rationale for the high limits of quantification of antibiotic resistance genes in soil. *Environmental Pollution*, **2018**, 243, 1696-1703	9.3	11
49	The influence of the autochthonous wastewater microbiota and gene host on the fate of invasive antibiotic resistance genes. *Science of the Total Environment*, **2017**, 575, 932-940	10.2	10

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46	are predominant in drinking water: are there reasons for concern?. *Critical Reviews in Microbiology*, **2019**, 45, 649-667	7.8	9
45	Microbacterium invictum sp. nov., isolated from homemade compost. *International Journal of Systematic and Evolutionary Microbiology*, **2009**, 59, 2036-41	2.2	9
44	Genetic Characterization of Methicillin-Resistant Isolates from Human Bloodstream Infections: Detection of MLS Resistance. *Antibiotics*, **2020**, 9,	4.9	8
43	Cell-based internal standard for qPCR determinations of antibiotic resistance indicators in environmental water samples. *Ecological Indicators*, **2020**, 113, 106194	5.8	7
42	Environmental factors influencing molinate biodegradation by a two-member mixed culture in rice paddy field floodwater. *International Biodeterioration and Biodegradation*, **2012**, 72, 52-58	4.8	7
41	Caenibacterium thermophilum is a later synonym of Schlegelella thermodepolymerans. *International Journal of Systematic and Evolutionary Microbiology*, **2004**, 54, 1933-1935	2.2	7
40	Genetic variation in the conjugative plasmidome of a hospital effluent multidrug resistant Escherichia coli strain. *Chemosphere*, **2019**, 220, 748-759	8.4	7
39	Oryzisolibacter propanilivorax gen. nov., sp. nov., a propanil-degrading bacterium. *International Journal of Systematic and Evolutionary Microbiology*, **2017**, 67, 3752-3758	2.2	6
38	A Pilot Study Combining Ultrafiltration with Ozonation for the Treatment of Secondary Urban Wastewater: Organic Micropollutants, Microbial Load and Biological Effects. *Water (Switzerland)*, **2020**, 12, 3458	3	5
37	Association between gentamicin resistance and stress tolerance in water isolates of Ralstonia pickettii and R. mannitolilytica. *Folia Microbiologica*, **2019**, 64, 63-72	2.8	5
36	Antibiotic Resistance in Waste Water and Surface Water and Human Health Implications. *Handbook of Environmental Chemistry*, **2011**, 173-212	0.8	5
35	Hydromonas duriensis gen. nov., sp. nov., isolated from freshwater. *International Journal of Systematic and Evolutionary Microbiology*, **2015**, 65, 4134-4139	2.2	5
34	Genotypic and phenotypic traits of bla-carrying Escherichia coli strains from an UV-C-treated wastewater effluent. *Water Research*, **2020**, 184, 116079	12.5	5
33	The risk of transmitting antibiotic resistance through endophytic bacteria. *Trends in Plant Science*, **2021**, 26, 1213-1226	13.1	5
32	Sources of Antibiotic Resistance **2019**, 211-238		4
31	Draft Genome Sequences of Two Ralstonia pickettii Strains with Different Aminoglycoside Resistance Phenotypes. *Genome Announcements*, **2016**, 4,		4

30	Carbapenem-resistant bacteria over a wastewater treatment process: Carbapenem-resistant Enterobacteriaceae in untreated wastewater and intrinsically-resistant bacteria in final effluent. *Science of the Total Environment*, **2021**, 782, 146892	10.2	4
29	Characterization of bacterial communities from Masseiras, a unique Portuguese greenhouse agricultural system. *Antonie Van Leeuwenhoek*, **2017**, 110, 665-676	2.1	3
28	Antibiotic Resistance in the Environment: Expert Perspectives. *Handbook of Environmental Chemistry*, **2020**, 1-18	0.8	3
27	Antibiotic resistance in wastewater: origins, fate, and risks. *Pravention Und Gesundheitsforderung*, **2014**, 9, 180-184	0.5	3
26	Irrigation with Treated Wastewater: Potential Impacts on Microbial Function and Diversity in Agricultural Soils. *Handbook of Environmental Chemistry*, **2015**, 105-128	0.8	3
25	High Frequency of the EMRSA-15 Clone (ST22-MRSA-IV) in Hospital Wastewater.. *Microorganisms*, **2022**, 10,	4.9	3
24	A survey of the bacterial diversity in the cup filler of dental chair units. *Brazilian Journal of Microbiology*, **2011**, 42, 959-963	2.2	3
23	Identification of Emerging Hazards in Mussels by the Galician Emerging Food Safety Risks Network (RISEGAL). A First Approach. *Foods*, **2020**, 9,	4.9	3
22	Effect of copper and zinc as sulfate or nitrate salts on soil microbiome dynamics and bla-positive Pseudomonas aeruginosa survival. *Journal of Hazardous Materials*, **2021**, 415, 125631	12.8	3
21	Reduction of antibiotic resistance determinants in urban wastewater by ozone: Emphasis on the impact of wastewater matrix towards the inactivation kinetics, toxicity and bacterial regrowth. *Journal of Hazardous Materials*, **2021**, 420, 126527	12.8	3
20	Persistence of wastewater antibiotic resistant bacteria and their genes in human fecal material. *FEMS Microbiology Ecology*, **2020**, 96,	4.3	1
19	Third generation cephalosporin-resistant Klebsiella pneumoniae thriving in patients and in wastewater: what do they have in common?. *BMC Genomics*, **2022**, 23, 72	4.5	1
18	A survey of the bacterial diversity in the cup filler of dental chair units. *Brazilian Journal of Microbiology*, **2011**, 42, 959-63	2.2	1
17	Antibiotic resistance in wastewater, does the context matter? Poland and Portugal as a case study. *Critical Reviews in Environmental Science and Technology*,1-23	11.1	1
16	Development and validation of novel PCR primers for identification of plasmid-mediated colistin resistance (mcr) genes in various environmental settings. *Journal of Hazardous Materials*, **2021**, 425, 127936	12.8	1
15	Candidimonas1-6		1
14	Polyphasic characterization of carbapenem-resistant Klebsiella pneumoniae clinical isolates suggests vertical transmission of the blaKPC-3 gene. *PLoS ONE*, **2021**, 16, e0247058	3.7	1
13	The balance between treatment efficiency and receptor quality determines wastewater impacts on the dissemination of antibiotic resistance.. *Journal of Hazardous Materials*, **2022**, 434, 128933	12.8	0

12 Gulosibacter **2015**, 1-7

11 Humibacter **2015**, 1-3

10 Pseudoclavibacter **2015**, 1-9

9 Microbial diversity and ecology of bottled water **2016**, 560-580

8 Hydromonas **2019**, 1-5

7 Tepidiphilus **2019**, 1-6

6 Evolution of gentamicin and arsenite resistance acquisition in Ralstonia pickettii water isolates. *Research in Microbiology*, **2021**, 172, 103790 4

5 Schlegelella1-11

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