

# Clia Manaia Manaia

## List of Publications by Year in Descending Order

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

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	High Frequency of the EMRSA-15 Clone (ST22-MRSA-IV) in Hospital Wastewater.. <i>Microorganisms</i> , <b>2022</b> , 10,	4.9	3
154	Third generation cephalosporin-resistant <i>Klebsiella pneumoniae</i> thriving in patients and in wastewater: what do they have in common?. <i>BMC Genomics</i> , <b>2022</b> , 23, 72	4.5	1
153	The balance between treatment efficiency and receptor quality determines wastewater impacts on the dissemination of antibiotic resistance.. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 434, 128933	12.8	0
152	Development and validation of novel PCR primers for identification of plasmid-mediated colistin resistance (mcr) genes in various environmental settings. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 425, 127936	12.8	1
151	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
150	Evolution of gentamicin and arsenite resistance acquisition in <i>Ralstonia pickettii</i> water isolates. <i>Research in Microbiology</i> , <b>2021</b> , 172, 103790	4	
149	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
148	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
147	Carbapenem-resistant bacteria over a wastewater treatment process: Carbapenem-resistant Enterobacteriaceae in untreated wastewater and intrinsically-resistant bacteria in final effluent. <i>Science of the Total Environment</i> , <b>2021</b> , 782, 146892	10.2	4
146	The risk of transmitting antibiotic resistance through endophytic bacteria. <i>Trends in Plant Science</i> , <b>2021</b> , 26, 1213-1226	13.1	5
145	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. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 420, 126527	12.8	3
144	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
143	Metagenomic analysis of an urban resistome before and after wastewater treatment. <i>Scientific Reports</i> , <b>2020</b> , 10, 8174	4.9	28
142	Antibiotic Resistance in the Environment: Expert Perspectives. <i>Handbook of Environmental Chemistry</i> , <b>2020</b> , 1-18	0.8	3
141	Genetic Characterization of Methicillin-Resistant Isolates from Human Bloodstream Infections: Detection of MLS Resistance. <i>Antibiotics</i> , <b>2020</b> , 9,	4.9	8
140	Investigating the impact of UV-C/H2O2 and sunlight/H2O2 on the removal of antibiotics, antibiotic resistance determinants and toxicity present in urban wastewater. <i>Chemical Engineering Journal</i> , <b>2020</b> , 388, 124383	14.7	35
139	Cell-based internal standard for qPCR determinations of antibiotic resistance indicators in environmental water samples. <i>Ecological Indicators</i> , <b>2020</b> , 113, 106194	5.8	7

138	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
137	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
136	A global multinational survey of cefotaxime-resistant coliforms in urban wastewater treatment plants. <i>Environment International</i> , <b>2020</b> , 144, 106035	12.9	17
135	Impact of disinfection processes on bacterial community in urban wastewater: Should we rethink microbial assessment methods?. <i>Journal of Environmental Chemical Engineering</i> , <b>2020</b> , 8, 104393	6.8	13
134	Genotypic and phenotypic traits of bla-carrying Escherichia coli strains from an UV-C-treated wastewater effluent. <i>Water Research</i> , <b>2020</b> , 184, 116079	12.5	5
133	Identification of Emerging Hazards in Mussels by the Galician Emerging Food Safety Risks Network (RISEGAL). A First Approach. <i>Foods</i> , <b>2020</b> , 9,	4.9	3
132	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
131	Inter-laboratory calibration of quantitative analyses of antibiotic resistance genes. <i>Journal of Environmental Chemical Engineering</i> , <b>2020</b> , 8, 102214	6.8	29
130	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
129	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
128	Antibiotic resistance genes in treated wastewater and in the receiving water bodies: A pan-European survey of urban settings. <i>Water Research</i> , <b>2019</b> , 162, 320-330	12.5	117
127	Continuous ozonation of urban wastewater: Removal of antibiotics, antibiotic-resistant Escherichia coli and antibiotic resistance genes and phytotoxicity. <i>Water Research</i> , <b>2019</b> , 159, 333-347	12.5	125
126	Immobilised Cerium-Doped Zinc Oxide as a Photocatalyst for the Degradation of Antibiotics and the Inactivation of Antibiotic-Resistant Bacteria. <i>Catalysts</i> , <b>2019</b> , 9, 222	4	18
125	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
124	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
123	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
122	Performance of secondary wastewater treatment methods for the removal of contaminants of emerging concern implicated in crop uptake and antibiotic resistance spread: A review. <i>Science of the Total Environment</i> , <b>2019</b> , 648, 1052-1081	10.2	227
121	Antibiotic Resistance Genes in the Human-Impacted Environment: A One Health Perspective. <i>Pedosphere</i> , <b>2019</b> , 29, 273-282	5	54

120	Sources of Antibiotic Resistance <b>2019</b> , 211-238		4
119	Comparison of Culture- and Quantitative PCR-Based Indicators of Antibiotic Resistance in Wastewater, Recycled Water, and Tap Water. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	18
118	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
117	Hydromonas <b>2019</b> , 1-5		
116	Tepidiphilus <b>2019</b> , 1-6		
115	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
114	Assessment of full-scale tertiary wastewater treatment by UV-C based-AOPs: Removal or persistence of antibiotics and antibiotic resistance genes?. <i>Science of the Total Environment</i> , <b>2019</b> , 652, 1051-1061	10.2	70
113	Antibiotic resistance in wastewater treatment plants: Tackling the black box. <i>Environment International</i> , <b>2018</b> , 115, 312-324	12.9	220
112	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
111	Insights on sulfamethoxazole bio-transformation by environmental Proteobacteria isolates. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 358, 310-318	12.8	34
110	Reusing Treated Wastewater: Consideration of the Safety Aspects Associated with Antibiotic-Resistant Bacteria and Antibiotic Resistance Genes. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 244	3	52
109	Critical knowledge gaps and research needs related to the environmental dimensions of antibiotic resistance. <i>Environment International</i> , <b>2018</b> , 117, 132-138	12.9	183
108	Water and sanitation: an essential battlefield in the war on antimicrobial resistance. <i>FEMS Microbiology Ecology</i> , <b>2018</b> , 94,	4.3	64
107	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
106	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
105	Fate of cefotaxime-resistant Enterobacteriaceae and ESBL-producers over a full-scale wastewater treatment process with UV disinfection. <i>Science of the Total Environment</i> , <b>2018</b> , 639, 1028-1037	10.2	17
104	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
103	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

102	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
101	Assessing the Risk of Antibiotic Resistance Transmission from the Environment to Humans: Non-Direct Proportionality between Abundance and Risk. <i>Trends in Microbiology</i> , <b>2017</b> , 25, 173-181	12.4	177
100	Toward a Comprehensive Strategy to Mitigate Dissemination of Environmental Sources of Antibiotic Resistance. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 13061-13069	10.3	144
99	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 bacterial and resistance genes - A review. <i>Water Research</i> , <b>2017</b> , 123, 448-467	12.5	251
98	The influence of the autochthonous wastewater microbiota and gene host on the fate of invasive antibiotic resistance genes. <i>Science of the Total Environment</i> , <b>2017</b> , 575, 932-940	10.2	10
97	<i>Oryzolibacter propanilivorax</i> 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
96	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
95	Proteobacteria become predominant during regrowth after water disinfection. <i>Science of the Total Environment</i> , <b>2016</b> , 573, 313-323	10.2	56
94	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
93	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
92	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
91	Draft Genome Sequences of Two <i>Ralstonia pickettii</i> Strains with Different Aminoglycoside Resistance Phenotypes. <i>Genome Announcements</i> , <b>2016</b> , 4,		4
90	Microbial diversity and ecology of bottled water <b>2016</b> , 560-580		
89	Multidrug resistance phenotypes are widespread over different bacterial taxonomic groups thriving in surface water. <i>Science of the Total Environment</i> , <b>2016</b> , 563-564, 1-9	10.2	30
88	High Throughput Analysis of Integron Gene Cassettes in Wastewater Environments. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 11825-11836	10.3	59
87	Molecular characterization of quinolone resistance mechanisms and extended-spectrum $\beta$ -lactamase production in <i>Escherichia coli</i> isolated from dogs. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , <b>2015</b> , 41, 43-8	2.6	11
86	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
85	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

84	Tackling antibiotic resistance: the environmental framework. <i>Nature Reviews Microbiology</i> , <b>2015</b> , 13, 310-7	22.2	1092
83	Molecular evidence of the close relatedness of clinical, gull and wastewater isolates of quinolone-resistant <i>Escherichia coli</i> . <i>Journal of Global Antimicrobial Resistance</i> , <b>2015</b> , 3, 286-289	3.4	27
82	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
81	<i>Gulosibacter</i> <b>2015</b> , 1-7		
80	<i>Humibacter</i> <b>2015</b> , 1-3		
79	<i>Pseudoclavibacter</i> <b>2015</b> , 1-9		
78	Genetic characterization of fluoroquinolone resistant <i>Escherichia coli</i> from urban streams and municipal and hospital effluents. <i>FEMS Microbiology Ecology</i> , <b>2015</b> , 91,	4.3	35
77	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
76	<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> , <b>2015</b> , 65, 267-273	2.2	31
75	<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> , <b>2015</b> , 65, 3674-3682	2.2	30
74	<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
73	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
72	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
71	Antibiotic resistance in wastewater: origins, fate, and risks. <i>Pravention Und Gesundheitsforderung</i> , <b>2014</b> , 9, 180-184	0.5	3
70	<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> , <b>2014</b> , 64, 2407-2415	2.2	28
69	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
68	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
67	<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



66	GES-5 among the $\beta$ -lactamases detected in ubiquitous bacteria isolated from aquatic environment samples. <i>FEMS Microbiology Letters</i> , <b>2014</b> , 351, 64-69	2.9	28
65	Quinolone-resistant <i>Escherichia coli</i> isolated from birds of prey in Portugal are genetically distinct from those isolated from water environments and gulls in Portugal, Spain and Sweden. <i>Environmental Microbiology</i> , <b>2014</b> , 16, 995-1004	5.2	28
64	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
63	Human health implications of clinically relevant bacteria in wastewater habitats. <i>Environmental Science and Pollution Research</i> , <b>2013</b> , 20, 3550-69	5.1	55
62	Molinate biodegradation in soils: natural attenuation versus bioaugmentation. <i>Applied Microbiology and Biotechnology</i> , <b>2013</b> , 97, 2691-700	5.7	17
61	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
60	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
59	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
58	Vancomycin resistant enterococci: from the hospital effluent to the urban wastewater treatment plant. <i>Science of the Total Environment</i> , <b>2013</b> , 450-451, 155-61	10.2	85
57	Urban wastewater treatment plants as hotspots for the release of antibiotics in the environment: a review. <i>Water Research</i> , <b>2013</b> , 47, 957-95	12.5	1189
56	Antibiotic resistance, antimicrobial residues and bacterial community composition in urban wastewater. <i>Water Research</i> , <b>2013</b> , 47, 1875-87	12.5	311
55	Diversity and antibiotic resistance of <i>Acinetobacter</i> spp. in water from the source to the tap. <i>Applied Microbiology and Biotechnology</i> , <b>2013</b> , 97, 329-40	5.7	49
54	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
53	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. <i>Water Research</i> , <b>2012</b> , 46, 5621-5634	12.5	137
52	Bottled mineral water as a potential source of antibiotic resistant bacteria. <i>Water Research</i> , <b>2012</b> , 46, 3612-22	12.5	63
51	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
50	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
49	<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

48	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
47	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
46	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
45	Candidimonas nitroreducens gen. nov., sp. nov. and Candidimonas humi 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
44	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
43	Differential patterns of antimicrobial resistance in population subsets of Escherichia coli isolated from waste- and surface waters. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 1017-23	10.2	73
42	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
41	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
40	Association of financial or professional conflict of interest to research outcomes on health risks or nutritional assessment studies of genetically modified products. <i>Food Policy</i> , <b>2011</b> , 36, 197-203	5	34
39	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
38	A survey of the bacterial diversity in the cup filler of dental chair units. <i>Brazilian Journal of Microbiology</i> , <b>2011</b> , 42, 959-963	2.2	3
37	A survey of the bacterial diversity in the cup filler of dental chair units. <i>Brazilian Journal of Microbiology</i> , <b>2011</b> , 42, 959-63	2.2	1
36	Shinella fusca 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
35	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
34	Factors influencing antibiotic resistance burden in municipal wastewater treatment plants. <i>Applied Microbiology and Biotechnology</i> , <b>2010</b> , 87, 1157-66	5.7	130
33	Ciprofloxacin Resistance in Domestic Wastewater Treatment Plants. <i>Water, Air, and Soil Pollution</i> , <b>2010</b> , 208, 335-343	2.6	37
32	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
31	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



30	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
29	Genotypic analysis of <i>Candida albicans</i> isolates obtained from removable prosthesis wearers. <i>Letters in Applied Microbiology</i> , <b>2008</b> , 46, 445-9	2.9	10
28	<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
27	<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
26	Diversity of bacterial isolates from commercial and homemade composts. <i>Microbial Ecology</i> , <b>2008</b> , 55, 714-22	4.4	67
25	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	2.8	26
24	<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
23	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
22	<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
21	<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
20	Treatment of cork boiling wastewater using chemical oxidation and biodegradation. <i>Chemosphere</i> , <b>2006</b> , 64, 455-61	8.4	35
19	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
18	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
17	<i>Caenibacterium thermophilum</i> is a later synonym of <i>Schlegelella thermodepolymerans</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2004</b> , 54, 1933-1935	2.2	7
16	<i>Gulosibacter molinivorax</i> gen. nov., sp. nov., a molinate-degrading bacterium, and classification of <i>Brevibacterium helvolum</i> TDSM 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
15	Metabolic and genetic diversity of mesophilic and thermophilic bacteria isolated from composted municipal sludge on poly-epsilon-caprolactones. <i>Current Microbiology</i> , <b>2004</b> , 49, 407-14	2.4	44
14	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
13	<i>Tepidiphilus margaritifera</i> 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

12	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
11	<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>		18
10	<i>Pseudomonas thermotolerans</i> sp. nov., a thermotolerant species of the genus <i>Pseudomonas</i> sensu stricto. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2002</b> , 52, 2203-2209	2.2	19
9	The Polar Lipid and Fatty Acid Composition of <i>Rhodothermus</i> Strains. <i>Systematic and Applied Microbiology</i> , <b>1992</b> , 15, 59-62	4.2	12
8	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
7	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
6	Schlegelella1-11		
5	Candidimonas1-6		1
4	Pusillimonas1-15		
3	Parapusillimonas1-5		
2	Paracandidimonas1-6		
1	Gulbenkiania1-7		