

# Caterina Levantesi

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,572  
citations

394421

19  
h-index

501196

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2093  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identity, abundance and ecophysiology of filamentous Chloroflexi species present in activated sludge treatment plants. <i>FEMS Microbiology Ecology</i> , 2007, 59, 671-682.	2.7	210
2	Quantitative PCR Monitoring of Antibiotic Resistance Genes and Bacterial Pathogens in Three European Artificial Groundwater Recharge Systems. <i>Applied and Environmental Microbiology</i> , 2009, 75, 154-163.	3.1	160
3	Methods for detection and visualization of intracellular polymers stored by polyphosphate-accumulating microorganisms. <i>Journal of Microbiological Methods</i> , 2002, 51, 1-18.	1.6	141
4	Salmonella in surface and drinking water: Occurrence and water-mediated transmission. <i>Food Research International</i> , 2012, 45, 587-602.	6.2	138
5	Filamentous Alphaproteobacteria Associated with Bulking in Industrial Wastewater Treatment Plants. <i>Systematic and Applied Microbiology</i> , 2004, 27, 716-727.	2.8	109
6	Quantification of pathogenic microorganisms and microbial indicators in three wastewater reclamation and managed aquifer recharge facilities in Europe. <i>Science of the Total Environment</i> , 2010, 408, 4923-4930.	8.0	106
7	Identity, abundance and ecophysiology of filamentous bacteria belonging to the Bacteroidetes present in activated sludge plants. <i>Microbiology (United Kingdom)</i> , 2008, 154, 886-894.	1.8	86
8	Microbial characterisation of polyhydroxyalkanoates storing populations selected under different operating conditions using a cell-sorting RT-PCR approach. <i>Applied Microbiology and Biotechnology</i> , 2008, 78, 351-360.	3.6	85
9	Persistence of the antibiotic sulfamethoxazole in river water alone or in the co-presence of ciprofloxacin. <i>Science of the Total Environment</i> , 2018, 640-641, 1438-1446.	8.0	80
10	Analysis of the microbial community structure and function of a laboratory scale enhanced biological phosphorus removal reactor. <i>Environmental Microbiology</i> , 2002, 4, 559-569.	3.8	61
11	Removal of pollutants and pathogens by a simplified treatment scheme for municipal wastewater reuse in agriculture. <i>Science of the Total Environment</i> , 2017, 580, 17-25.	8.0	47
12	Antibiotic resistance genes fate and removal by a technological treatment solution for water reuse in agriculture. <i>Science of the Total Environment</i> , 2016, 571, 809-818.	8.0	46
13	Phylogeny, physiology and distribution of 'Candidatus Microthrix calida', a new Microthrix species isolated from industrial activated sludge wastewater treatment plants. <i>Environmental Microbiology</i> , 2006, 8, 1552-1563.	3.8	44
14	Integration of an innovative biological treatment with physical or chemical disinfection for wastewater reuse. <i>Science of the Total Environment</i> , 2016, 543, 206-213.	8.0	37
15	Phylogenetic and physiological characterization of a heterotrophic, chemolithoautotrophic Thiothrix strain isolated from activated sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 1271-1276.	1.7	31
16	Hygienization performances of innovative sludge treatment solutions to assure safe land spreading. <i>Environmental Science and Pollution Research</i> , 2015, 22, 7237-7247.	5.3	29
17	Genome Sequence of 'Candidatus Microthrix parvicella'-Bio17-1, a Long-Chain-Fatty-Acid-Accumulating Filamentous Actinobacterium from a Biological Wastewater Treatment Plant. <i>Journal of Bacteriology</i> , 2012, 194, 6670-6671.	2.2	27
18	Six artificial recharge pilot replicates to gain insight into water quality enhancement processes. <i>Chemosphere</i> , 2020, 240, 124826.	8.2	23

#	ARTICLE	IF	CITATIONS
19	Effect of periodic feeding on substrate uptake and storage rates by a pure culture of Thiobrix (CT3) Tj ETQq1 1 0.784314 rgBT /Overl	11.3	22
20	Analytical Solution for the Modeling of the Natural Time-Dependent Reduction of Waterborne Viruses Injected into Fractured Aquifers. Environmental Science & Technology, 2011, 45, 636-642.	10.0	15
21	Reactive Barriers for Renaturalization of Reclaimed Water during Soil Aquifer Treatment. Water (Switzerland), 2020, 12, 1012.	2.7	15
22	Modeling Substrate Interactions during Aerobic Biodegradation of Mixtures of Vinyl Chloride and Ethene. Journal of Environmental Engineering, ASCE, 2006, 132, 940-948.	1.4	13
23	Effect of Micropollutants (Organic Xenobiotics and Heavy Metals) on the Activated Sludge Process. Industrial & Engineering Chemistry Research, 2007, 46, 6762-6769.	3.7	11
24	Water and microbial monitoring technologies towards the near future space exploration. Water Research, 2020, 177, 115787.	11.3	10
25	Microbial community composition of water samples stored inside the International Space Station. Research in Microbiology, 2019, 170, 230-234.	2.1	8
26	Water Quality and Total Microbial Load: A Double-Threshold Identification Procedure Intended for Space Applications. Frontiers in Microbiology, 2018, 9, 2903.	3.5	7
27	Enhanced Versus Conventional Sludge Anaerobic Processes: Performances and Techno-Economic Assessment. Water Environment Research, 2016, 88, 468-478.	2.7	6
28	Monitoring, isolation and characterization of Microthrix parvicella strains from a Chinese wastewater treatment plant. Water Science and Technology, 2019, 79, 1406-1416.	2.5	5