Caterina Levantesi

List of Publications by Year
in descending order

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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	Six artificial recharge pilot replicates to gain insight into water quality enhancement processes. Chemosphere, 2020, 240, 124826.	8.2	23
2	Reactive Barriers for Renaturalization of Reclaimed Water during Soil Aquifer Treatment. Water (Switzerland), 2020, 12, 1012.	2.7	15
3	Water and microbial monitoring technologies towards the near future space exploration. Water Research, 2020, 177, 115787.	11.3	10
4	Microbial community composition of water samples stored inside the International Space Station. Research in Microbiology, 2019, 170, 230-234.	2.1	8
5	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
6	Water Quality and Total Microbial Load: A Double-Threshold Identification Procedure Intended for Space Applications. Frontiers in Microbiology, 2018, 9, 2903.	3.5	7
7	Persistence of the antibiotic sulfamethoxazole in river water alone or in the co-presence of ciprofloxacin. Science of the Total Environment, 2018, 640-641, 1438-1446.	8.0	80
8	Removal of pollutants and pathogens by a simplified treatment scheme for municipal wastewater reuse in agriculture. Science of the Total Environment, 2017, 580, 17-25.	8.0	47
9	Antibiotic resistance genes fate and removal by a technological treatment solution for water reuse in agriculture. Science of the Total Environment, 2016, 571, 809-818.	8.0	46
10	Enhanced Versus Conventional Sludge Anaerobic Processes: Performances and Techno-Economic Assessment. Water Environment Research, 2016, 88, 468-478.	2.7	6
11	Integration of an innovative biological treatment with physical or chemical disinfection for wastewater reuse. Science of the Total Environment, 2016, 543, 206-213.	8.0	37
12	Hygienization performances of innovative sludge treatment solutions to assure safe land spreading. Environmental Science and Pollution Research, 2015, 22, 7237-7247.	5.3	29
13	Genome Sequence of â€œCandidatus Microthrix parvicellaâ€•Bio17-1, a Long-Chain-Fatty-Acid-Accumulating Filamentous Actinobacterium from a Biological Wastewater Treatment Plant. Journal of Bacteriology, 2012, 194, 6670-6671.	2.2	27
14	Salmonella in surface and drinking water: Occurrence and water-mediated transmission. Food Research International, 2012, 45, 587-602.	6.2	138
15	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
16	Quantification of pathogenic microorganisms and microbial indicators in three wastewater reclamation and managed aquifer recharge facilities in Europe. Science of the Total Environment, 2010, 408, 4923-4930.	8.0	106
17	Quantitative PCR Monitoring of Antibiotic Resistance Genes and Bacterial Pathogens in Three European Artificial Groundwater Recharge Systems. Applied and Environmental Microbiology, 2009, 75, 154-163.	3.1	160
18	Microbial characterisation of polyhydroxyalkanoates storing populations selected under different operating conditions using a cell-sorting RT-PCR approach. Applied Microbiology and Biotechnology, 2008, 78, 351-360.	3.6	85

#	Article	IF	Citations
19	Identity, abundance and ecophysiology of filamentous bacteria belonging to the Bacteroidetes present in activated sludge plants. Microbiology (United Kingdom), 2008, 154, 886-894.	1.8	86
20	Effect of periodic feeding on substrate uptake and storage rates by a pure culture of Thiothrix (CT3) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	11.3	22
21	Effect of Micropollutants (Organic Xenobiotics and Heavy Metals) on the Activated Sludge Process. Industrial & Engineering Chemistry Research, 2007, 46, 6762-6769.	3.7	11
22	Identity, abundance and ecophysiology of filamentous Chloroflexi species present in activated sludge treatment plants. FEMS Microbiology Ecology, 2007, 59, 671-682.	2.7	210
23	Phylogeny, physiology and distribution of 'Candidatus Microthrix calida', a new Microthrix species isolated from industrial activated sludge wastewater treatment plants. Environmental Microbiology, 2006, 8, 1552-1563.	3.8	44
24	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
25	Filamentous Alphaproteobacteria Associated with Bulking in Industrial Wastewater Treatment Plants. Systematic and Applied Microbiology, 2004, 27, 716-727.	2.8	109
26	Phylogenetic and physiological characterization of a heterotrophic, chemolithoautotrophic Thiothrix strain isolated from activated sludge. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 1271-1276.	1.7	31
27	Methods for detection and visualization of intracellular polymers stored by polyphosphate-accumulating microorganisms. Journal of Microbiological Methods, 2002, 51, 1-18.	1.6	141
28	Analysis of the microbial community structure and function of a laboratory scale enhanced biological phosphorus removal reactor. Environmental Microbiology, 2002, 4, 559-569.	3.8	61