Susana Gonzalez

List of Publications by Year
in descending order

28 papers	2,373 citations	331670 21 h-index	501196 28 g-index
28 all docs	28 docs citations	28 times ranked	3340 citing authors

#	Article	IF	Citations
1	Analysis and removal of emerging contaminants in wastewater and drinking water. TrAC - Trends in Analytical Chemistry, 2003, 22, 685-696.	11.4	625
2	Polar Pollutants Entry into the Water Cycle by Municipal Wastewater:Â A European Perspective. Environmental Science & Technology, 2006, 40, 5451-5458.	10.0	373
3	Removal of a broad range of surfactants from municipal wastewater â€“ Comparison between membrane bioreactor and conventional activated sludge treatment. Chemosphere, 2007, 67, 335-343.	8.2	121
4	Comparison of sulfonated and other micropollutants removal in membrane bioreactor and conventional wastewater treatment. Water Research, 2007, 41, 935-945.	11.3	113
5	Ecotoxicity evaluation and removal of sulfonamides and their acetylated metabolites during conventional wastewater treatment. Science of the Total Environment, 2012, 437, 403-412.	8.0	99
6	Presence and biological effects of emerging contaminants in Llobregat River basin: A review. Environmental Pollution, 2012, 161, 83-92.	7.5	98
7	Simultaneous extraction and fate of linear alkylbenzene sulfonates, coconut diethanol amides, nonylphenol ethoxylates and their degradation products in wastewater treatment plants, receiving coastal waters and sediments in the Catalonian area (NE Spain). Journal of Chromatography A, 2004, 1052, 111-120.	3.7	89
8	Assessment of the acute toxicity of triclosan and methyl triclosan in wastewater based on the bioluminescence inhibition of Vibrio fischeri. Analytical and Bioanalytical Chemistry, 2008, 390, 1999-2007.	3.7	80
9	Analysis of the occurrence and risk assessment of polar pesticides in the Llobregat River Basin (NE) Tj ETQq1 1 0.784314 rgBT /Overlo	8.2	77
10	Advanced liquid chromatography-mass spectrometry (LC-MS) methods applied to wastewater removal and the fate of surfactants in the environment. TrAC - Trends in Analytical Chemistry, 2007, 26, 116-124.	11.4	76
11	Presence of metals in drinking water distribution networks due to pipe material leaching: a review. Toxicological and Environmental Chemistry, 2013, 95, 870-889.	1.2	71
12	Biodegradation studies of selected priority acidic pesticides and diclofenac in different bioreactors. Environmental Pollution, 2006, 144, 926-932.	7.5	69
13	Analysis and occurrence of alkylphenolic compounds and estrogens in a European river basin and an evaluation of their importance as priority pollutants. Analytical and Bioanalytical Chemistry, 2010, 396, 1301-1309.	3.7	65
14	Evaluation of an automated luminescent bacteria assay for in situ aquatic toxicity determination. Science of the Total Environment, 2012, 440, 307-313.	8.0	58
15	Triclosan and methyl-triclosan monitoring study in the northeast of Spain using a magnetic particle enzyme immunoassay and confirmatory analysis by gas chromatographyâ€“mass spectrometry. Journal of Hydrology, 2008, 361, 1-9.	5.4	56
16	Elimination of SARS-CoV-2 along wastewater and sludge treatment processes. Water Research, 2021, 202, 117435.	11.3	50
17	Occurrence and fate of alkylphenol polyethoxylate degradation products and linear alkylbenzene sulfonate surfactants in urban ground water: Barcelona case study. Journal of Hydrology, 2010, 383, 102-110.	5.4	49
18	Characterization and quantitative analysis of surfactants in textile wastewater by liquid chromatography/quadrupoleâ€timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2008, 22, 1445-1454.	1.5	41

#	Article	IF	Citations
19	Assessment of the water chemical quality improvement based on human health risk indexes: Application to a drinking water treatment plant incorporating membrane technologies. Science of the Total Environment, 2016, 540, 334-343.	8.0	33
20	Predicting consumer preferences for mineral composition of bottled and tap water. Talanta, 2017, 162, 1-9.	5.5	26
21	Evaluation of two pilot scale membrane bioreactors for the elimination of selected surfactants from municipal wastewaters. Journal of Hydrology, 2008, 356, 46-55.	5.4	23
22	Chemometric analysis for river water quality assessment at the intake of drinking water treatment plants. Science of the Total Environment, 2019, 667, 552-562.	8.0	18
23	A zebrafish scale assay to monitor dioxin-like activity in surface water samples. Analytical and Bioanalytical Chemistry, 2011, 401, 1861-1869.	3.7	16
24	Rapid and improved identification of drinking water bacteria using the Drinking Water Library, a dedicated MALDI-TOF MS database. Water Research, 2021, 203, 117543.	11.3	14
25	Ecological screening indicators of stress and risk for the Llobregat river water. Journal of Hazardous Materials, 2013, 263, 239-247.	12.4	13
26	Fate of Surfactants in Membrane Bioreactors and Conventional Activated Sludge Plants. Environmental Science & Technology, 2010, 44, 8223-8229.	10.0	9
27	Integration of Ultravioletâ€“Visible spectral and physicochemical data in chemometrics analysis for improved discrimination of water sources and blends for application to the complex drinking water distribution network of Barcelona. Journal of Cleaner Production, 2016, 112, 4789-4798.	9.3	8
28	Citizens' Perception of Combined Sewer Overflow Spills into Bathing Coastal Areas. Water, Air, and Soil Pollution, 2021, 232, 1.	2.4	3