

Tuula Tuhkanen

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,671
citations

471061

17
h-index

525886

27
g-index

28
all docs

28
docs citations

28
times ranked

3134
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence of Pharmaceuticals in River Water and Their Elimination in a Pilot-Scale Drinking Water Treatment Plant. <i>Environmental Science & Technology</i> , 2007, 41, 5077-5084.	4.6	488
2	Occurrence of acidic pharmaceuticals in raw and treated sewages and in receiving waters. <i>Water Research</i> , 2005, 39, 2219-2228.	5.3	455
3	Seasonal Variation in the Occurrence of Pharmaceuticals in Effluents from a Sewage Treatment Plant and in the Recipient Water. <i>Environmental Science & Technology</i> , 2005, 39, 8220-8226.	4.6	439
4	Analysis of neutral and basic pharmaceuticals in sewage treatment plants and in recipient rivers using solid phase extraction and liquid chromatography-tandem mass spectrometry detection. <i>Journal of Chromatography A</i> , 2006, 1134, 101-111.	1.8	295
5	Occurrence of selected antibiotics and antiretroviral drugs in Nairobi River Basin, Kenya. <i>Science of the Total Environment</i> , 2016, 539, 206-213.	3.9	176
6	Removal of NOM in the different stages of the water treatment process. <i>Environment International</i> , 2002, 28, 457-465.	4.8	121
7	Occurrence of antibiotics and risk of antibiotic resistance evolution in selected Kenyan wastewaters, surface waters and sediments. <i>Science of the Total Environment</i> , 2020, 720, 137580.	3.9	116
8	H ₂ O ₂ /UV-C and Fe ²⁺ /H ₂ O ₂ /UV-C versus TiO ₂ /UV-A Treatment for Reactive Dye Wastewater. <i>Journal of Environmental Engineering, ASCE</i> , 2000, 126, 903-911.	0.7	99
9	Efficiency of the activated carbon filtration in the natural organic matter removal. <i>Environment International</i> , 2006, 32, 324-331.	4.8	97
10	A multiresidue analytical method for trace level determination of antibiotics and antiretroviral drugs in wastewater and surface water using SPE-LC-MS/MS and matrix-matched standards. <i>Analytical Methods</i> , 2016, 8, 6720-6729.	1.3	56
11	Contamination of Surface Water and River Sediments by Antibiotic and Antiretroviral Drug Cocktails in Low and Middle-Income Countries: Occurrence, Risk and Mitigation Strategies. <i>Water (Switzerland)</i> , 2020, 12, 1376.	1.2	45
12	Monitoring WWTP performance using size-exclusion chromatography with simultaneous UV and fluorescence detection to track recalcitrant wastewater fractions. <i>Chemosphere</i> , 2019, 214, 587-597.	4.2	36
13	Use of Olive Oil for Soil Extraction and Ultraviolet Degradation of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans. <i>Environmental Science & Technology</i> , 2001, 35, 1259-1265.	4.6	32
14	Mass loading, distribution, and removal of antibiotics and antiretroviral drugs in selected wastewater treatment plants in Kenya. <i>Science of the Total Environment</i> , 2020, 743, 140655.	3.9	25
15	Estimation of the Time Periods and Processes for Penetration of Selected Spilled Oils and Fuels in Different Soils in the Laboratory. <i>Spill Science and Technology Bulletin</i> , 2003, 8, 451-465.	0.4	21
16	Removal of selected antibiotics and antiretroviral drugs during post-treatment of municipal wastewater with UV, UV/chlorine and UV/hydrogen peroxide. <i>Water and Environment Journal</i> , 2020, 34, 692-703.	1.0	20
17	Treatability of simulated reactive dye-bath wastewater by photochemical and non-photochemical advanced oxidation processes. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2000, 35, 775-793.	0.9	19
18	Photolysis of polychlorinated dibenzo-p-dioxins and dibenzofurans dissolved in vegetable oils: influence of oil quality. <i>Science of the Total Environment</i> , 2005, 340, 1-11.	3.9	19

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19	The application of HPLC-SEC for the simultaneous characterization of NOM and nitrate in well waters. <i>Chemosphere</i> , 2010, 80, 779-786.	4.2	19
20	Effects of Ozone on Resin Acids in Thermomechanical Pulp and Paper Mill Circulation Waters. <i>Ozone: Science and Engineering</i> , 2000, 22, 575-584.	1.4	16
21	Vacuum extraction based response equipment for recovery of fresh fuel spills from soil. <i>Journal of Hazardous Materials</i> , 2003, 97, 127-143.	6.5	16
22	Biodegradation of novel amino acid derivatives suitable for complexing agents in pulp bleaching applications. <i>Science of the Total Environment</i> , 2007, 377, 45-51.	3.9	14
23	Photodegradation of polychlorinated dibenzo-p-dioxins and dibenzofurans in soil with vegetable oil. <i>Environmental Science and Pollution Research</i> , 2004, 11, 181-185.	2.7	11
24	Step-by-step analysis of drinking water treatment trains using size-exclusion chromatography to fingerprint and track protein-like and humic/fulvic-like fractions of dissolved organic matter. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 1568-1581.	1.2	11
25	HPLC-SEC: a new approach to characterise complex wastewater effluents. <i>International Journal of Environmental Analytical Chemistry</i> , 2016, 96, 257-270.	1.8	9
26	Removal of Chlorinated Ethylenes in Contaminated Ground Water by Hydrogen Peroxide Mediated Oxidation Processes. <i>Environmental Technology (United Kingdom)</i> , 1996, 17, 263-272.	1.2	7
27	Determination of novel complexing agents in pulp and paper mill effluents and in lake water by liquid chromatography. <i>Journal of Chromatography A</i> , 2005, 1094, 56-59.	1.8	5
28	Humic and Fulvic Compounds. <i>Water Research</i> , 2018, 147, 411-411.		4