Constantinos Noutsopoulos

List of Publications by Year
in descending order

42	1,547	516215	301761
papers	citations	16 h-index	39 g-index

42	42	42	1984
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selected stormwater priority pollutants â€" a European perspective. Science of the Total Environment, 2007, 383, 41-51.	3.9	229
2	A review on nitrous oxide (N 2 O) emissions during biological nutrient removal from municipal wastewater and sludge reject water. Science of the Total Environment, 2017, 596-597, 106-123.	3.9	221
3	Removal of emerging contaminants from wastewater using advanced treatments. A review. Environmental Chemistry Letters, 2022, 20, 1333-1375.	8.3	124
4	Wastewater treatment process impact on energy savings and greenhouse gas emissions. Water Science and Technology, 2015, 71, 303-308.	1.2	119
5	Greywater characterization and loadings â€" Physicochemical treatment to promote onsite reuse. Journal of Environmental Management, 2018, 216, 337-346.	3.8	99
6	Degradation of emerging contaminants from water under natural sunlight: The effect of season, pH, humic acids and nitrate and identification of photodegradation by-products. Chemosphere, 2015, 138, 675-681.	4.2	86
7	Anaerobic co-digestion of grease sludge and sewage sludge: The effect of organic loading and grease sludge content. Bioresource Technology, 2013, 131, 452-459.	4.8	72
8	Bioenergy in the era of circular economy: Anaerobic digestion technological solutions to produce biogas from lipid-rich wastes. Renewable Energy, 2021, 168, 438-447.	4.3	68
9	Biological groundwater treatment for chromium removal at low hexavalent chromium concentrations. Chemosphere, 2016, 152, 238-244.	4.2	58
10	Environmental fate of non-steroidal anti-inflammatory drugs in river water/sediment systems. Journal of Hazardous Materials, 2017, 323, 233-241.	6.5	57
11	Removal of endocrine disruptors and non-steroidal anti-inflammatory drugs through wastewater chlorination: The effect of pH, total suspended solids and humic acids and identification of degradation by-products. Chemosphere, 2015, 119, S109-S114.	4.2	52
12	Assessment of the environmental fate of endocrine disrupting chemicals in rivers. Science of the Total Environment, 2018, 628-629, 947-958.	3.9	34
13	Chlorination of benzothiazoles and benzotriazoles and transformation products identification by LC-HR-MS/MS. Journal of Hazardous Materials, 2017, 323, 400-413.	6.5	33
14	The role of activated carbon and disinfection on the removal of endocrine disrupting chemicals and non-steroidal anti-inflammatory drugs from wastewater. Environmental Technology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 217 T	2.2	26
15	Analytical and mathematical assessment of emerging pollutants fate in a river system. Journal of Hazardous Materials, 2019, 364, 48-58.	6.5	25
16	Fate of Emerging Contaminants in High-Rate Activated Sludge Systems. International Journal of Environmental Research and Public Health, 2021, 18, 400.	1.2	25
17	The implementation of the Water Framework Directive (WFD) at the river basin of Anthemountas with emphasis on the pressures and impacts analysis. Desalination, 2007, 210, 1-15.	4.0	17
18	Effectiveness of tertiary treatment processes in removing different classes of emerging contaminants from domestic wastewater. Frontiers of Environmental Science and Engineering, 2022, 16, .	3.3	17

#	Article	IF	Citations
19	Identification of Type and Causes of Filamentous Bulking under Mediterranean Conditions. Environmental Technology (United Kingdom), 2007, 28, 115-122.	1.2	15
20	Removal of taste and odour from potable water by ozone and Powdered Activated Carbon (PAC). International Journal of Environment and Waste Management, 2010, 5, 392.	0.2	14
21	Effect of wastewater chlorination on endocrine disruptor removal. Water Science and Technology, 2013, 67, 1551-1556.	1.2	14
22	A hypothesis on Microthrix parvicella proliferation in biological nutrient removal activated sludge systems with selector tanks. FEMS Microbiology Ecology, 2012, 80, 380-389.	1.3	13
23	Evaluating the Fate of Emerging Contaminants in Wastewater Treatment Plants through Plant-Wide Mathematical Modelling. Environmental Processes, 2020, 7, 1065-1094.	1.7	12
24	Investigation of long-term operation and biomass activity in a membrane bioreactor system. Water Science and Technology, 2011, 63, 1906-1912.	1.2	11
25	Biological treatment of groundwater with a high hexavalent chromium content under anaerobic and anoxic conditions. Journal of Chemical Technology and Biotechnology, 2016, 91, 1681-1687.	1.6	11
26	Reject water characterization and treatment through shortâ€cut nitrification/denitrification: assessing the effect of temperature and type of substrate. Journal of Chemical Technology and Biotechnology, 2018, 93, 3638-3647.	1.6	11
27	Biological groundwater treatment for hexavalent chromium removal at low chromium concentrations under anoxic conditions. Environmental Technology (United Kingdom), 2019, 40, 365-373.	1.2	11
28	Energy Consumption and Carbon Footprint of Greek Wastewater Treatment Plants. Water (Switzerland), 2022, 14, 320.	1.2	11
29	Comparison of Bioluminescence and Nitrification Inhibition Methods for Assessing Toxicity to Municipal Activated Sludge. Water Environment Research, 2008, 80, 484-489.	1.3	9
30	Long chain fatty acids removal in selector tanks: Evidence for insufficientMicrothrix parvicellacontrol. Desalination and Water Treatment, 2010, 23, 20-25.	1.0	9
31	Inhibition of free nitrous acid and free ammonia on polyphosphate accumulating organisms: Evidence of insufficient phosphorus removal through nitritation-denitritation. Journal of Environmental Management, 2021, 297, 113390.	3.8	7
32	Comparison of alternative additives used for the mitigation of membrane fouling in membrane bioreactors. Desalination and Water Treatment, 2014, 52, 5740-5747.	1.0	6
33	Can strict water reuse standards be the drive for the wider implementation of MBR technology?. Desalination and Water Treatment, 2015, 53, 3303-3308.	1.0	6
34	Assessing the Performance of Environmentally Friendly-Produced Zerovalent Iron Nanoparticles to Remove Pharmaceuticals from Water. Sustainability, 2021, 13, 12708.	1.6	6
35	Biotic and Abiotic Biostimulation for the Reduction of Hexavalent Chromium in Contaminated Aquifers. Water (Switzerland), 2022, 14, 89.	1.2	6
36	Remediation of Emerging Contaminants. Environmental Chemistry for A Sustainable World, 2021, , 1-106.	0.3	5

#	Article	IF	Citations
37	Optimization of Nitrogen Removal and Startup of Psyttalia Sewage Treatment Works. Environmental Technology (United Kingdom), 2007, 28, 129-136.	1.2	3
38	How can we link teaching with research in our engineering courses? The case of an ecological modelling course in two European Universities. European Journal of Engineering Education, 2020, 45, 597-613.	1.5	2
39	Thiosulphate driven autotrophic denitrification via nitrite using synthetic wastewater. Journal of Chemical Technology and Biotechnology, 2021, 96, 1675-1681.	1.6	2
40	The Inhibitory Effect of Free Nitrous Acid and Free Ammonia on the Anoxic Phosphorus Uptake Rate of Polyphosphate-Accumulating Organisms. Energies, 2022, 15, 2108.	1.6	2
41	Integrated selection of PHA-storing biomass and nitrogen removal via nitrite from sludge reject water: a mathematical model. Environmental Technology (United Kingdom), 2024, 45, 73-86.	1.2	0
42	Reductive Cr(VI) Removal under Different Reducing and Electron Donor Conditionsâ€"A Soil Microcosm Study. Water (Switzerland), 2022, 14, 2179.	1.2	0