

# Constantinos Noutsopoulos

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,547  
citations

516215

16  
h-index

301761

39  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1984  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Integrated selection of PHA-storing biomass and nitrogen removal via nitrite from sludge reject water: a mathematical model. <i>Environmental Technology (United Kingdom)</i> , 2024, 45, 73-86.   | 1.2 | 0         |
| 2  | Energy Consumption and Carbon Footprint of Greek Wastewater Treatment Plants. <i>Water (Switzerland)</i> , 2022, 14, 320.  | 1.2 | 11        |
| 3  | Biotic and Abiotic Biostimulation for the Reduction of Hexavalent Chromium in Contaminated Aquifers. <i>Water (Switzerland)</i> , 2022, 14, 89.  | 1.2 | 6         |
| 4  | Removal of emerging contaminants from wastewater using advanced treatments. A review. <i>Environmental Chemistry Letters</i> , 2022, 20, 1333-1375.  | 8.3 | 124       |
| 5  | The Inhibitory Effect of Free Nitrous Acid and Free Ammonia on the Anoxic Phosphorus Uptake Rate of Polyphosphate-Accumulating Organisms. <i>Energies</i> , 2022, 15, 2108.  | 1.6 | 2         |
| 6  | Effectiveness of tertiary treatment processes in removing different classes of emerging contaminants from domestic wastewater. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, .                                       | 3.3 | 17        |
| 7  | Reductive Cr(VI) Removal under Different Reducing and Electron Donor Conditions—A Soil Microcosm Study. <i>Water (Switzerland)</i> , 2022, 14, 2179.   | 1.2 | 0         |
| 8  | Bioenergy in the era of circular economy: Anaerobic digestion technological solutions to produce biogas from lipid-rich wastes. <i>Renewable Energy</i> , 2021, 168, 438-447.  | 4.3 | 68        |
| 9  | Fate of Emerging Contaminants in High-Rate Activated Sludge Systems. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 400.   | 1.2 | 25        |
| 10 | Remediation of Emerging Contaminants. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 1-106.  | 0.3 | 5         |
| 11 | Thiosulphate driven autotrophic denitrification via nitrite using synthetic wastewater. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 1675-1681.   | 1.6 | 2         |
| 12 | Inhibition of free nitrous acid and free ammonia on polyphosphate accumulating organisms: Evidence of insufficient phosphorus removal through nitrification-denitrification. <i>Journal of Environmental Management</i> , 2021, 297, 113390. | 3.8 | 7         |
| 13 | Assessing the Performance of Environmentally Friendly-Produced Zerovalent Iron Nanoparticles to Remove Pharmaceuticals from Water. <i>Sustainability</i> , 2021, 13, 12708.  | 1.6 | 6         |
| 14 | How can we link teaching with research in our engineering courses? The case of an ecological modelling course in two European Universities. <i>European Journal of Engineering Education</i> , 2020, 45, 597-613.                            | 1.5 | 2         |
| 15 | Evaluating the Fate of Emerging Contaminants in Wastewater Treatment Plants through Plant-Wide Mathematical Modelling. <i>Environmental Processes</i> , 2020, 7, 1065-1094.  | 1.7 | 12        |
| 16 | Analytical and mathematical assessment of emerging pollutants fate in a river system. <i>Journal of Hazardous Materials</i> , 2019, 364, 48-58.  | 6.5 | 25        |
| 17 | Biological groundwater treatment for hexavalent chromium removal at low chromium concentrations under anoxic conditions. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 365-373.   | 1.2 | 11        |
| 18 | Assessment of the environmental fate of endocrine disrupting chemicals in rivers. <i>Science of the Total Environment</i> , 2018, 628-629, 947-958.  | 3.9 | 34        |

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|----|---|----------|-----------|
| 19 | Greywater characterization and loadings " Physicochemical treatment to promote onsite reuse. Journal of Environmental Management, 2018, 216, 337-346.   | 3.8      | 99        |
| 20 | Reject water characterization and treatment through short-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        |
| 21 | 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        |
| 22 | Environmental fate of non-steroidal anti-inflammatory drugs in river water/sediment systems. Journal of Hazardous Materials, 2017, 323, 233-241.  | 6.5      | 57        |
| 23 | A review on nitrous oxide (N <sub>2</sub> 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       |
| 24 | 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        |
| 25 | Biological groundwater treatment for chromium removal at low hexavalent chromium concentrations. Chemosphere, 2016, 152, 238-244.   | 4.2      | 58        |
| 26 | Wastewater treatment process impact on energy savings and greenhouse gas emissions. Water Science and Technology, 2015, 71, 303-308.  | 1.2      | 119       |
| 27 | 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         |
| 28 | 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        |
| 29 | 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        |
| 30 | 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         |
| 31 | 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 Kingdom) 10(10) 1187-1197                                  | 0.784314 | 10        |
| 32 | 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        |
| 33 | Effect of wastewater chlorination on endocrine disruptor removal. Water Science and Technology, 2013, 67, 1551-1556.  | 1.2      | 14        |
| 34 | 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        |
| 35 | Investigation of long-term operation and biomass activity in a membrane bioreactor system. Water Science and Technology, 2011, 63, 1906-1912.   | 1.2      | 11        |
| 36 | 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        |

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|----|--|-----|-----------|
| 37 | Long chain fatty acids removal in selector tanks: Evidence for insufficient <i>Microthrix parvicella</i> control. <i>Desalination and Water Treatment</i> , 2010, 23, 20-25.             | 1.0 | 9         |
| 38 | Comparison of Bioluminescence and Nitrification Inhibition Methods for Assessing Toxicity to Municipal Activated Sludge. <i>Water Environment Research</i> , 2008, 80, 484-489.          | 1.3 | 9         |
| 39 | Optimization of Nitrogen Removal and Startup of Psytalia Sewage Treatment Works. <i>Environmental Technology (United Kingdom)</i> , 2007, 28, 129-136.                                   | 1.2 | 3         |
| 40 | Identification of Type and Causes of Filamentous Bulking under Mediterranean Conditions. <i>Environmental Technology (United Kingdom)</i> , 2007, 28, 115-122.                           | 1.2 | 15        |
| 41 | The implementation of the Water Framework Directive (WFD) at the river basin of Anthemountas with emphasis on the pressures and impacts analysis. <i>Desalination</i> , 2007, 210, 1-15. | 4.0 | 17        |
| 42 | Selected stormwater priority pollutants – a European perspective. <i>Science of the Total Environment</i> , 2007, 383, 41-51.  | 3.9 | 229       |