

Nikiforos A Alygizakis

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

1,110
citations

18
h-index

33
g-index

49
ext. papers

1,727
ext. citations

8.8
avg, IF

4.8
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 39 | Application of a novel prioritisation strategy using non-target screening for evaluation of temporal trends (1969-2017) of contaminants of emerging concern (CECs) in archived lynx muscle tissue samples.. <i>Science of the Total Environment</i> , 2022 , 817, 153035 | 10.2 | 0 |
| 38 | Novel prioritisation strategies for evaluation of temporal trends in archived white-tailed sea eagle muscle tissue in non-target screening. <i>Journal of Hazardous Materials</i> , 2022 , 424, 127331 | 12.8 | 1 |
| 37 | SARS-CoV-2 wastewater surveillance data can predict hospitalizations and ICU admissions. <i>Science of the Total Environment</i> , 2022 , 804, 150151 | 10.2 | 13 |
| 36 | Determination of 56 per- and polyfluoroalkyl substances in top predators and their prey from Northern Europe by LC-MS/MS. <i>Chemosphere</i> , 2022 , 287, 131775 | 8.4 | 4 |
| 35 | Screening of legacy and emerging substances in surface water, sediment, biota and groundwater samples collected in the Siverskyi Donets River Basin employing wide-scope target and suspect screening. <i>Science of the Total Environment</i> , 2022 , 805, 150253 | 10.2 | 3 |
| 34 | Elevated levels of antibiotic resistance in groundwater during treated wastewater irrigation associated with infiltration and accumulation of antibiotic residues. <i>Journal of Hazardous Materials</i> , 2022 , 423, 127155 | 12.8 | 3 |
| 33 | Bacterial communities of the Black Sea exhibit activity against persistent organic pollutants in the water column and sediments.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 234, 113367 | 7 | 1 |
| 32 | A novel workflow for semi-quantification of emerging contaminants in environmental samples analyzed by LC-HRMS.. <i>Analytical and Bioanalytical Chemistry</i> , 2022 , 1 | 4.4 | 1 |
| 31 | Target and suspect screening of 4,777 per- and polyfluoroalkyl substances (PFAS) in river water, wastewater, groundwater and biota samples in the Danube River Basin. <i>Journal of Hazardous Materials</i> , 2022 , 129276 | 12.8 | 1 |
| 30 | A step forward in the detection of byproducts of anthropogenic organic micropollutants in chlorinated water. <i>Trends in Environmental Analytical Chemistry</i> , 2021 , 32, e00148 | 12 | 4 |
| 29 | Ecological and spatial variations of legacy and emerging contaminants in white-tailed sea eagles from Germany: Implications for prioritisation and future risk management. <i>Environment International</i> , 2021 , 158, 106934 | 12.9 | 2 |
| 28 | A review of the impact of weather and climate variables to COVID-19: In the absence of public health measures high temperatures cannot probably mitigate outbreaks. <i>Science of the Total Environment</i> , 2021 , 768, 144578 | 10.2 | 29 |
| 27 | Analytical methodologies for the detection of SARS-CoV-2 in wastewater: Protocols and future perspectives. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 134, 116125 | 14.6 | 40 |
| 26 | Study of the photoinduced transformations of maprotiline in river water using liquid chromatography high-resolution mass spectrometry. <i>Science of the Total Environment</i> , 2021 , 755, 143556 ^{10.2} | 10.2 | 4 |
| 25 | Sources and occurrence of pharmaceutical residues in offshore seawater 2021 , 329-350 | | |
| 24 | Making Waves: Collaboration in the time of SARS-CoV-2 - rapid development of an international co-operation and wastewater surveillance database to support public health decision-making. <i>Water Research</i> , 2021 , 199, 117167 | 12.5 | 24 |
| 23 | Development and Application of Liquid Chromatographic Retention Time Indices in HRMS-Based Suspect and Nontarget Screening. <i>Analytical Chemistry</i> , 2021 , 93, 11601-11611 | 7.8 | 11 |

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| 22 | Patterns of pharmaceuticals use during the first wave of COVID-19 pandemic in Athens, Greece as revealed by wastewater-based epidemiology. <i>Science of the Total Environment</i> , 2021 , 798, 149014 | 10.2 | 13 |
| 21 | Change in the chemical content of untreated wastewater of Athens, Greece under COVID-19 pandemic. <i>Science of the Total Environment</i> , 2021 , 799, 149230 | 10.2 | 13 |
| 20 | Elucidation of the photoinduced transformations of Aliskiren in river water using liquid chromatography high-resolution mass spectrometry. <i>Science of the Total Environment</i> , 2021 , 800, 149547 | 10.2 | 2 |
| 19 | The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): let's cooperate!. <i>Environmental Sciences Europe</i> , 2020 , 32, | 5 | 12 |
| 18 | Evaluation of chemical and biological contaminants of emerging concern in treated wastewater intended for agricultural reuse. <i>Environment International</i> , 2020 , 138, 105597 | 12.9 | 37 |
| 17 | Explaining the rationale behind the risk assessment of surfactants by Freeling et al. (2019). <i>Science of the Total Environment</i> , 2020 , 721, 136828 | 10.2 | |
| 16 | Assessment of the chemical pollution status of the Dniester River Basin by wide-scope target and suspect screening using mass spectrometric techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 4893-4907 | 4.4 | 14 |
| 15 | Spatio-temporal assessment of illicit drug use at large scale: evidence from 7 years of international wastewater monitoring. <i>Addiction</i> , 2020 , 115, 109-120 | 4.6 | 88 |
| 14 | Wide-scope target screening of >2000 emerging contaminants in wastewater samples with UPLC-Q-ToF-HRMS/MS and smart evaluation of its performance through the validation of 195 selected representative analytes. <i>Journal of Hazardous Materials</i> , 2020 , 387, 121712 | 12.8 | 72 |
| 13 | Non-target and suspect screening strategies for electro-dialytic soil remediation evaluation: Assessing changes in the molecular fingerprints and per- and polyfluoroalkyl substances (PFASs). <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104437 | 6.8 | 6 |
| 12 | Occurrence and potential environmental risk of surfactants and their transformation products discharged by wastewater treatment plants. <i>Science of the Total Environment</i> , 2019 , 681, 475-487 | 10.2 | 30 |
| 11 | The strength in numbers: comprehensive characterization of house dust using complementary mass spectrometric techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 1957-1977 | 4.4 | 45 |
| 10 | Characterization of wastewater effluents in the Danube River Basin with chemical screening, in vitro bioassays and antibiotic resistant genes analysis. <i>Environment International</i> , 2019 , 127, 420-429 | 12.9 | 43 |
| 9 | NORMAN digital sample freezing platform: A European virtual platform to exchange liquid chromatography high resolution-mass spectrometry data and screen suspects in digitally frozen environmental samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 115, 129-137 | 14.6 | 45 |
| 8 | The impact of on-site hospital wastewater treatment on the downstream communal wastewater system in terms of antibiotics and antibiotic resistance genes. <i>International Journal of Hygiene and Environmental Health</i> , 2019 , 222, 635-644 | 6.9 | 73 |
| 7 | Wide-scope target and suspect screening methodologies to investigate the occurrence of new psychoactive substances in influent wastewater from Athens. <i>Science of the Total Environment</i> , 2019 , 685, 1058-1065 | 10.2 | 35 |
| 6 | Untargeted time-pattern analysis of LC-HRMS data to detect spills and compounds with high fluctuation in influent wastewater. <i>Journal of Hazardous Materials</i> , 2019 , 361, 19-29 | 12.8 | 36 |
| 5 | Exploring the Potential of a Global Emerging Contaminant Early Warning Network through the Use of Retrospective Suspect Screening with High-Resolution Mass Spectrometry. <i>Environmental Science & Technology</i> , 2018 , 52, 5135-5144 | 10.3 | 68 |

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| 4 | Two stage algorithm vs commonly used approaches for the suspect screening of complex environmental samples analyzed via liquid chromatography high resolution time of flight mass spectroscopy: A test study. <i>Journal of Chromatography A</i> , 2017 , 1501, 68-78 | 4.5 | 18 |
| 3 | Reflection of Socioeconomic Changes in Wastewater: Licit and Illicit Drug Use Patterns. <i>Environmental Science & Technology</i> , 2016 , 50, 10065-72 | 10.3 | 45 |
| 2 | Occurrence and spatial distribution of 158 pharmaceuticals, drugs of abuse and related metabolites in offshore seawater. <i>Science of the Total Environment</i> , 2016 , 541, 1097-1105 | 10.2 | 218 |
| 1 | Olive oil authenticity studies by target and nontarget LC-QTOF-MS combined with advanced chemometric techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 7955-7970 | 4.4 | 42 |