

Nikiforos A Alygizakis

List of Publications by Citations

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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	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
38	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
37	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
36	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
35	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
34	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
33	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
32	Reflection of Socioeconomic Changes in Wastewater: Licit and Illicit Drug Use Patterns. <i>Environmental Science & Technology</i> , 2016 , 50, 10065-72	10.3	45
31	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
30	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
29	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
28	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
27	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
26	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
25	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
24	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
23	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

22	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
21	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
20	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
19	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
18	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
17	The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): let's cooperate!. <i>Environmental Sciences Europe</i> , 2020 , 32,	5	12
16	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
15	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
14	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
13	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	4
12	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
11	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
10	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
9	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
8	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
7	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
6	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
5	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

4	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
3	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
2	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	
1	Sources and occurrence of pharmaceutical residues in offshore seawater 2021 , 329-350		