Daniel A Burgard

List of Publications by Year
in descending order

24 papers	878 citations	567281 15 h-index	610901 24 g-index
25 all docs	25 docs citations	25 times ranked	1086 citing authors

#	Article	IF	Citations
1	A Taste for New Psychoactive Substances: Wastewater Analysis Study of 10 Countries. Environmental Science and Technology Letters, 2022, 9, 57-63.	8.7	27
2	International snapshot of new psychoactive substance use: Case study of eight countries over the 2019/2020 new year period. Water Research, 2021, 193, 116891.	11.3	34
3	Spatio–temporal assessment of illicit drug use at large scale: evidence from 7 years of international wastewater monitoring. Addiction, 2020, 115, 109-120.	3.3	154
4	The estimation of cannabis consumption through wastewater analysis. Comprehensive Analytical Chemistry, 2020, 90, 453-482.	1.3	9
5	Utilizing Wastewater-Based Epidemiology To Determine Temporal Trends in Illicit Stimulant Use in Seattle, Washington. ACS Symposium Series, 2019, , 155-166.	0.5	2
6	Wastewater-Based Epidemiology as a Complementary Approach to the Conventional Survey-Based Approach for the Estimation of Community Consumption of Drugs. ACS Symposium Series, 2019, , 3-21.	0.5	5
7	Using wastewater–based analysis to monitor the effects of legalized retail sales on cannabis consumption in Washington State, USA. Addiction, 2019, 114, 1582-1590.	3.3	37
8	Bridge-based remote sensing of NOx emissions from locomotives. Atmospheric Environment, 2019, 198, 77-82.	4.1	3
9	Multi-year inter-laboratory exercises for the analysis of illicit drugs and metabolites in wastewater: Development of a quality control system. TrAC - Trends in Analytical Chemistry, 2018, 103, 34-43.	11.4	85
10	Improving wastewater-based epidemiology to estimate cannabis use: focus on the initial aspects of the analytical procedure. Analytica Chimica Acta, 2017, 988, 27-33.	5.4	57
11	The need for better marijuana sales data. Addiction, 2017, 112, 2179-2180.	3.3	3
12	High-Mileage Light-Duty Fleet Vehicle Emissions: Their Potentially Overlooked Importance. Environmental Science & Technology, 2016, 50, 5405-5411.	10.0	39
13	Bridge-based sensing of NOx and SO2 emissions from ocean-going ships. Atmospheric Environment, 2016, 136, 54-60.	4.1	22
14	Working Upstream: How Far Can You Go with Sewage-Based Drug Epidemiology?. Environmental Science & Technology, 2014, 48, 1362-1368.	10.0	30
15	Psychostimulant use among college students during periods of high and low stress: An interdisciplinary approach utilizing both self-report and unobtrusive chemical sample data. Addictive Behaviors, 2014, 39, 987-993.	3.0	47
16	Potential trends in Attention Deficit Hyperactivity Disorder (ADHD) drug use on a college campus: Wastewater analysis of amphetamine and ritalinic acid. Science of the Total Environment, 2013, 450-451, 242-249.	8.0	76
17	Remote Sensing of Emissions from In-Use Small Engine Marine Vessels. Environmental Science & Technology, 2011, 45, 2894-2901.	10.0	7
18	On-Road, In-Use Gaseous Emission Measurements by Remote Sensing of School Buses Equipped with Diesel Oxidation Catalysts and Diesel Particulate Filters. Journal of the Air and Waste Management Association, 2009, 59, 1468-1473.	1.9	8

#	Article	IF	Citations
19	Remote Sensing of In-Use Heavy-Duty Diesel Trucks. Environmental Science & Technology, 2006, 40, 6938-6942.	10.0	52
20	Nitrogen dioxide, sulfur dioxide, and ammonia detector for remote sensing of vehicle emissions. Review of Scientific Instruments, 2006, 77, 014101.	1.3	37
21	Remote Sensing of Ammonia and Sulfur Dioxide from On-Road Light Duty Vehicles. Environmental Science & Technology, 2006, 40, 7018-7022.	10.0	49
22	Winter Motor-Vehicle Emissions in Yellowstone National Park. Environmental Science & Technology, 2006, 40, 2505-2510.	10.0	9
23	Chemiluminescent Reactions of Nickel, Iron, and Cobalt Carbonyls with Ozone. Applied Spectroscopy, 2006, 60, 99-102.	2.2	15
24	Spectroscopy Applied to On-Road Mobile Source Emissions. Applied Spectroscopy, 2006, 60, 135A-148A.	2.2	71