

Daniel A Burgard

List of Publications by Citations

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Version: 2024-04-11

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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.

24 papers	632 citations	13 h-index	25 g-index
25 ext. papers	749 ext. citations	6.5 avg, IF	3.58 L-index

#	Paper	IF	Citations
24	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
23	Potential trends in Attention Deficit Hyperactivity Disorder (ADHD) drug use on a college campus: wastewater analysis of amphetamine and ritalinic acid. <i>Science of the Total Environment</i> , 2013 , 450-451, 242-9	10.2	63
22	Multi-year inter-laboratory exercises for the analysis of illicit drugs and metabolites in wastewater: Development of a quality control system. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 103, 34-43	14.6	62
21	Spectroscopy applied to on-road mobile source emissions. <i>Applied Spectroscopy</i> , 2006 , 60, 135A-148A	3.1	59
20	Remote sensing of in-use heavy-duty diesel trucks. <i>Environmental Science & Technology</i> , 2006 , 40, 6938-42	10.3	47
19	Improving wastewater-based epidemiology to estimate cannabis use: focus on the initial aspects of the analytical procedure. <i>Analytica Chimica Acta</i> , 2017 , 988, 27-33	6.6	45
18	Remote sensing of ammonia and sulfur dioxide from on-road light duty vehicles. <i>Environmental Science & Technology</i> , 2006 , 40, 7018-22	10.3	45
17	Psychostimulant use among college students during periods of high and low stress: an interdisciplinary approach utilizing both self-report and unobtrusive chemical sample data. <i>Addictive Behaviors</i> , 2014 , 39, 987-93	4.2	36
16	Nitrogen dioxide, sulfur dioxide, and ammonia detector for remote sensing of vehicle emissions. <i>Review of Scientific Instruments</i> , 2006 , 77, 014101	1.7	32
15	High-Mileage Light-Duty Fleet Vehicle Emissions: Their Potentially Overlooked Importance. <i>Environmental Science & Technology</i> , 2016 , 50, 5405-11	10.3	29
14	Using wastewater-based analysis to monitor the effects of legalized retail sales on cannabis consumption in Washington State, USA. <i>Addiction</i> , 2019 , 114, 1582-1590	4.6	24
13	Working upstream: how far can you go with sewage-based drug epidemiology?. <i>Environmental Science & Technology</i> , 2014 , 48, 1362-8	10.3	24
12	Chemiluminescent reactions of nickel, iron, and cobalt carbonyls with ozone. <i>Applied Spectroscopy</i> , 2006 , 60, 99-102	3.1	13
11	Bridge-based sensing of NOx and SO2 emissions from ocean-going ships. <i>Atmospheric Environment</i> , 2016 , 136, 54-60	5.3	13
10	International snapshot of new psychoactive substance use: Case study of eight countries over the 2019/2020 new year period. <i>Water Research</i> , 2021 , 193, 116891	12.5	12
9	Winter motor-vehicle emissions in Yellowstone National Park. <i>Environmental Science & Technology</i> , 2006 , 40, 2505-10	10.3	8
8	Remote sensing of emissions from in-use small engine marine vessels. <i>Environmental Science & Technology</i> , 2011 , 45, 2894-901	10.3	7

7	On-road, in-use gaseous emission measurements by remote sensing of school buses equipped with diesel oxidation catalysts and diesel particulate filters. <i>Journal of the Air and Waste Management Association</i> , 2009 , 59, 1468-73	2.4	6
6	The estimation of cannabis consumption through wastewater analysis. <i>Comprehensive Analytical Chemistry</i> , 2020 , 90, 453-482	1.9	6
5	A Taste for New Psychoactive Substances: Wastewater Analysis Study of 10 Countries. <i>Environmental Science and Technology Letters</i> , 2022 , 9, 57-63	11	5
4	Wastewater-Based Epidemiology as a Complementary Approach to the Conventional Survey-Based Approach for the Estimation of Community Consumption of Drugs. <i>ACS Symposium Series</i> , 2019 , 3-21	0.4	3
3	The need for better marijuana sales data. <i>Addiction</i> , 2017 , 112, 2179-2180	4.6	3
2	Bridge-based remote sensing of NOx emissions from locomotives. <i>Atmospheric Environment</i> , 2019 , 198, 77-82	5.3	2
1	Utilizing Wastewater-Based Epidemiology To Determine Temporal Trends in Illicit Stimulant Use in Seattle, Washington. <i>ACS Symposium Series</i> , 2019 , 155-166	0.4	0