# Daniel A Burgard

List of Publications by Year
in descending order

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

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | Spectroscopy Applied to On-Road Mobile Source Emissions. Applied Spectroscopy, 2006, 60, 135A-148A. | 2.2 | 71 |
| 5 | 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 |
| 6 | Remote Sensing of In-Use Heavy-Duty Diesel Trucks. Environmental Science &amp; Technology, 2006, 40, 6938-6942. | 10.0 | 52 |
| 7 | Remote Sensing of Ammonia and Sulfur Dioxide from On-Road Light Duty Vehicles. Environmental Science &amp; Technology, 2006, 40, 7018-7022. | 10.0 | 49 |
| 8 | 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 |
| 9 | High-Mileage Light-Duty Fleet Vehicle Emissions: Their Potentially Overlooked Importance. Environmental Science &amp; Technology, 2016, 50, 5405-5411. | 10.0 | 39 |
| 10 | Nitrogen dioxide, sulfur dioxide, and ammonia detector for remote sensing of vehicle emissions. Review of Scientific Instruments, 2006, 77, 014101. | 1.3 | 37 |
| 11 | 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 |
| 12 | 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 |
| 13 | Working Upstream: How Far Can You Go with Sewage-Based Drug Epidemiology?. Environmental Science &amp; Technology, 2014, 48, 1362-1368. | 10.0 | 30 |
| 14 | A Taste for New Psychoactive Substances: Wastewater Analysis Study of 10 Countries. Environmental Science and Technology Letters, 2022, 9, 57-63. | 8.7 | 27 |
| 15 | Bridge-based sensing of NOx and SO2 emissions from ocean-going ships. Atmospheric Environment, 2016, 136, 54-60. | 4.1 | 22 |
| 16 | Chemiluminescent Reactions of Nickel, Iron, and Cobalt Carbonyls with Ozone. Applied Spectroscopy, 2006, 60, 99-102. | 2.2 | 15 |
| 17 | Winter Motor-Vehicle Emissions in Yellowstone National Park. Environmental Science &amp; Technology, 2006, 40, 2505-2510. | 10.0 | 9 |
| 18 | The estimation of cannabis consumption through wastewater analysis. Comprehensive Analytical Chemistry, 2020, 90, 453-482. | 1.3 | 9 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | 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 |
| 20 | Remote Sensing of Emissions from In-Use Small Engine Marine Vessels. Environmental Science &amp; Technology, 2011, 45, 2894-2901. | 10.0 | 7 |
| 21 | 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 |
| 22 | The need for better marijuana sales data. Addiction, 2017, 112, 2179-2180. | 3.3 | 3 |
| 23 | Bridge-based remote sensing of NOx emissions from locomotives. Atmospheric Environment, 2019, 198, 77-82. | 4.1 | 3 |
| 24 | Utilizing Wastewater-Based Epidemiology To Determine Temporal Trends in Illicit Stimulant Use in Seattle, Washington. ACS Symposium Series, 2019, , 155-166. | 0.5 | 2 |