

# Crystal L Sweeney

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5496785/publications.pdf>

Version: 2024-02-01

13  
papers

131  
citations

1306789

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h-index

1281420

11  
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15  
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15  
docs citations

15  
times ranked

223  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | A novel passive sampling approach for SARS-CoV-2 in wastewater in a Canadian province with low prevalence of COVID-19. <i>Environmental Science: Water Research and Technology</i> , 2021, 7, 1576-1586.  | 1.2 | 30        |
| 2  | Operational Constraints of Detecting SARS-CoV-2 on Passive Samplers using Electronegative Filters: A Kinetic and Equilibrium Analysis. <i>ACS ES&amp;T Water</i> , 2022, 2, 1910-1920.  | 2.3 | 15        |
| 3  | Development of a rapid pre-concentration protocol and a magnetic beads-based RNA extraction method for SARS-CoV-2 detection in raw municipal wastewater. <i>Environmental Science: Water Research and Technology</i> , 2021, 8, 47-61.  | 1.2 | 14        |
| 4  | Comparison of sample preparation approaches and validation of an extraction method for nitrosatable pesticides and metabolites in human serum and urine analyzed by liquid chromatography " Orbital ion trap mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1603, 83-91. | 1.8 | 11        |
| 5  | Characterization of a commercially-available, low-pressure UV lamp as a disinfection system for decontamination of common nosocomial pathogens on N95 filtering facepiece respirator (FFR) material. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2089-2102.  | 1.2 | 10        |
| 6  | Validation of a QuEChERS method for extraction of estrogens from a complex water matrix and quantitation via high-performance liquid chromatography-mass spectrometry. <i>Chemosphere</i> , 2021, 263, 128315.  | 4.2 | 9         |
| 7  | Detection of SARS-CoV-2 in wastewater in Halifax, Nova Scotia, Canada, using four RT-qPCR assays. <i>Facets</i> , 2021, 6, 959-965.   | 1.1 | 9         |
| 8  | Assessing the impact of multiple ultraviolet disinfection cycles on N95 filtering facepiece respirator integrity. <i>Scientific Reports</i> , 2021, 11, 12279.  | 1.6 | 7         |
| 9  | Specificity of UV-C LED disinfection efficacy for three N95 respirators. <i>Scientific Reports</i> , 2021, 11, 15350.   | 1.6 | 6         |
| 10 | N-nitrosoethylenethiourea formation at environmentally-relevant concentrations of ethylenethiourea in a pooled groundwater sample. <i>Science of the Total Environment</i> , 2021, 761, 143300.   | 3.9 | 3         |
| 11 | Analysis of human serum and urine for tentative identification of potentially carcinogenic pesticide-associated N-nitroso compounds using high-resolution mass spectrometry. <i>Environmental Research</i> , 2022, 205, 112493.   | 3.7 | 2         |
| 12 | Instrument Hacking: Repurposing and Recoding a Multiwell Instrument for Automated, High-Throughput Monochromatic UV Photooxidation of Organic Compounds. <i>ACS ES&amp;T Engineering</i> , 2021, 1, 281-288.  | 3.7 | 1         |
| 13 | An extensive clean-up method for extraction of 17 $\beta$ -estradiol from eel aquaculture waste solids for quantitation via high-performance liquid chromatography tandem-mass spectrometry. <i>Aquaculture</i> , 2021, 542, 736873.  | 1.7 | 1         |