

Patrick M D'aoust

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

721
citations

1651377

6
h-index

1526636

10
g-index

18
all docs

18
docs citations

18
times ranked

974
citing authors

#	ARTICLE	IF	CITATIONS
1	The need of an environmental justice approach for wastewater based epidemiology for rural and disadvantaged communities: A review in California. <i>Current Opinion in Environmental Science and Health</i> , 2022, 27, 100348.	2.1	15
2	Quantitative analysis of SARS-CoV-2 RNA from wastewater solids in communities with low COVID-19 incidence and prevalence. <i>Water Research</i> , 2021, 188, 116560.	5.3	297
3	Catching a resurgence: Increase in SARS-CoV-2 viral RNA identified in wastewater 48h before COVID-19 clinical tests and 96h before hospitalizations. <i>Science of the Total Environment</i> , 2021, 770, 145319.	3.9	159
4	Comparison of approaches to quantify SARS-CoV-2 in wastewater using RT-qPCR: Results and implications from a collaborative inter-laboratory study in Canada. <i>Journal of Environmental Sciences</i> , 2021, 107, 218-229.	3.2	91
5	Near real-time determination of B.1.1.7 in proportion to total SARS-CoV-2 viral load in wastewater using an allele-specific primer extension PCR strategy. <i>Water Research</i> , 2021, 205, 117681.	5.3	48
6	COVID-19 wastewater surveillance in rural communities: Comparison of lagoon and pumping station samples. <i>Science of the Total Environment</i> , 2021, 801, 149618.	3.9	36
7	Differentiating between the possibility and probability of SARS-CoV-2 transmission associated with wastewater: empirical evidence is needed to substantiate risk. <i>FEMS Microbes</i> , 2021, 2, .	0.8	24
8	Numerical investigation on the impact of wind-induced hydraulics on dissolved oxygen characteristics in a shallow stormwater pond. <i>Water Quality Research Journal of Canada</i> , 2019, 54, 309-325.	1.2	6
9	Hypoxic conditions in stormwater retention ponds: potential for hydrogen sulfide emission. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 642-653.	1.2	7
10	Emerging investigators series: hydrogen sulfide production in municipal stormwater retention ponds under ice covered conditions: a study of water quality and SRB populations. <i>Environmental Science: Water Research and Technology</i> , 2017, 3, 686-698.	1.2	5
11	Upgrading municipal lagoons in temperate and cold climates: Total nitrogen removal and phosphorus assimilation at ultra-low temperatures. <i>Water and Environment Journal</i> , 0, , .	1.0	2