Patrick M D'aoust

List of Publications by Year
in descending order

11	721	1478505 6	1372567 10
papers	citations	h-index	g-index

18	18	18	894
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantitative analysis of SARS-CoV-2 RNA from wastewater solids in communities with low COVID-19 incidence and prevalence. Water Research, 2021, 188, 116560.	11.3	297
2	Catching a resurgence: Increase in SARS-CoV-2 viral RNA identified in wastewater 48Âh before COVID-19 clinical tests and 96Âh before hospitalizations. Science of the Total Environment, 2021, 770, 145319.	8.0	159
3	Comparison of approaches to quantify SARS-CoV-2 in wastewater using RT-qPCR: Results and implications from a collaborative inter-laboratory study in Canada. Journal of Environmental Sciences, 2021, 107, 218-229.	6.1	91
4	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. Water Research, 2021, 205, 117681.	11.3	48
5	COVID-19 wastewater surveillance in rural communities: Comparison of lagoon and pumping station samples. Science of the Total Environment, 2021, 801, 149618.	8.0	36
6	Differentiating between the possibility and probability of SARS-CoV-2 transmission associated with wastewater: empirical evidence is needed to substantiate risk. FEMS Microbes, 2021, 2, .	2.1	24
7	The need of an environmental justice approach for wastewater based epidemiology for rural and disadvantaged communities: A review in California. Current Opinion in Environmental Science and Health, 2022, 27, 100348.	4.1	15
8	Hypoxic conditions in stormwater retention ponds: potential for hydrogen sulfide emission. Environmental Technology (United Kingdom), 2019, 40, 642-653.	2.2	7
9	Numerical investigation on the impact of wind-induced hydraulics on dissolved oxygen characteristics in a shallow stormwater pond. Water Quality Research Journal of Canada, 2019, 54, 309-325.	2.7	6
10	Emerging investigators series: hydrogen sulfide production in municipal stormwater retention ponds under ice covered conditions: a study of water quality and SRB populations. Environmental Science: Water Research and Technology, 2017, 3, 686-698.	2.4	5
11	Upgrading municipal lagoons in temperate and cold climates: Total nitrogen removal and phosphorus assimilation at ultraâ€low temperatures. Water and Environment Journal, 0, , .	2.2	2