Nicolas Walpen

List of Publications by Year
in descending order

11	499	949033 11	1427216 11
papers	citations	h-index	g-index

11	11	11	547
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Application of UV absorbance and electron-donating capacity as surrogates for micropollutant abatement during full-scale ozonation of secondary-treated wastewater. Water Research, 2022, 209, 117858.	5.3	15
2	Long-Term Warming Decreases Redox Capacity of Soil Organic Matter. Environmental Science and Technology Letters, 2021, 8, 92-97.	3.9	15
3	Redox Properties of Pyrogenic Dissolved Organic Matter (pyDOM) from Biomass-Derived Chars. Environmental Science & Technology, 2021, 55, 11434-11444.	4.6	21
4	Oxidant-reactive carbonous moieties in dissolved organic matter: Selective quantification by oxidative titration using chlorine dioxide and ozone. Water Research, 2021, 207, 117790.	5.3	23
5	Molecular-Level Transformation of Dissolved Organic Matter during Oxidation by Ozone and Hydroxyl Radical. Environmental Science & Technology, 2020, 54, 10351-10360.	4.6	93
6	Quantification of the electron donating capacity and UV absorbance of dissolved organic matter during ozonation of secondary wastewater effluent by an assay and an automated analyzer. Water Research, 2020, 185, 116235.	5.3	44
7	Electron-Donating Phenolic and Electron-Accepting Quinone Moieties in Peat Dissolved Organic Matter: Quantities and Redox Transformations in the Context of Peat Biogeochemistry. Environmental Science & Technology, 2018, 52, 5236-5245.	4.6	110
8	Oxidation of Reduced Peat Particulate Organic Matter by Dissolved Oxygen: Quantification of Apparent Rate Constants in the Field. Environmental Science & Technology, 2018, 52, 11151-11160.	4.6	14
9	Two analytical approaches quantifying the electron donating capacities of dissolved organic matter to monitor its oxidation during chlorination and ozonation. Water Research, 2018, 144, 677-689.	5.3	41
10	Quantification of Phenolic Antioxidant Moieties in Dissolved Organic Matter by Flow-Injection Analysis with Electrochemical Detection. Environmental Science & Technology, 2016, 50, 6423-6432.	4.6	75
11	Controlling Factors in the Rates of Oxidation of Anilines and Phenols by Triplet Methylene Blue in Aqueous Solution. Journal of Physical Chemistry A, 2015, 119, 3233-3243.	1.1	48