

Nicolas Walpen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11
papers

232
citations

7
h-index

11
g-index

11
ext. papers

366
ext. citations

10.4
avg, IF

3.79
L-index

#	Paper	IF	Citations
11	Electron-Donating Phenolic and Electron-Accepting Quinone Moieties in Peat Dissolved Organic Matter: Quantities and Redox Transformations in the Context of Peat Biogeochemistry. <i>Environmental Science & Technology</i> , 2018 , 52, 5236-5245	10.3	57
10	Quantification of Phenolic Antioxidant Moieties in Dissolved Organic Matter by Flow-Injection Analysis with Electrochemical Detection. <i>Environmental Science & Technology</i> , 2016 , 50, 6423-32	10.3	49
9	Controlling factors in the rates of oxidation of anilines and phenols by triplet methylene blue in aqueous solution. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 3233-43	2.8	33
8	Two analytical approaches quantifying the electron donating capacities of dissolved organic matter to monitor its oxidation during chlorination and ozonation. <i>Water Research</i> , 2018 , 144, 677-689	12.5	29
7	Molecular-Level Transformation of Dissolved Organic Matter during Oxidation by Ozone and Hydroxyl Radical. <i>Environmental Science & Technology</i> , 2020 , 54, 10351-10360	10.3	25
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. <i>Water Research</i> , 2020 , 185, 116235	12.5	15
5	Redox Properties of Pyrogenic Dissolved Organic Matter (pyDOM) from Biomass-Derived Chars. <i>Environmental Science & Technology</i> , 2021 ,	10.3	7
4	Oxidation of Reduced Peat Particulate Organic Matter by Dissolved Oxygen: Quantification of Apparent Rate Constants in the Field. <i>Environmental Science & Technology</i> , 2018 , 52, 11151-11160	10.3	7
3	Oxidant-reactive carbonous moieties in dissolved organic matter: Selective quantification by oxidative titration using chlorine dioxide and ozone. <i>Water Research</i> , 2021 , 207, 117790	12.5	4
2	Long-Term Warming Decreases Redox Capacity of Soil Organic Matter. <i>Environmental Science and Technology Letters</i> , 2021 , 8, 92-97	11	4
1	Application of UV absorbance and electron-donating capacity as surrogates for micropollutant abatement during full-scale ozonation of secondary-treated wastewater. <i>Water Research</i> , 2021 , 209, 117858	12.5	2