

# Julian L Fairey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8679109/publications.pdf>

Version: 2024-02-01

15  
papers

403  
citations

1162889

8  
h-index

996849

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

466  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving on SUVA <sub>254</sub> using fluorescence-PARAFAC analysis and asymmetric flow-field flow fractionation for assessing disinfection byproduct formation and control. <i>Water Research</i> , 2012, 46, 2927-2936.	5.3	118
2	Adsorption of polychlorinated biphenyls to activated carbon: Equilibrium isotherms and a preliminary assessment of the effect of dissolved organic matter and biofilm loadings. <i>Water Research</i> , 2008, 42, 575-584.	5.3	78
3	Suitability of Organic Matter Surrogates to Predict Trihalomethane Formation in Drinking Water Sources. <i>Environmental Engineering Science</i> , 2014, 31, 117-126.	0.8	64
4	Impact of Natural Organic Matter on Monochloramine Reduction by Granular Activated Carbon: The Role of Porosity and Electrostatic Surface Properties. <i>Environmental Science &amp; Technology</i> , 2006, 40, 4268-4273.	4.6	33
5	Coupling asymmetric flow-field flow fractionation and fluorescence parallel factor analysis reveals stratification of dissolved organic matter in a drinking water reservoir. <i>Journal of Chromatography A</i> , 2011, 1218, 4167-4178.	1.8	23
6	Assessing UV- and fluorescence-based metrics as disinfection byproduct precursor surrogate parameters in a water body influenced by a heavy rainfall event. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2014, 63, 200-211.	0.6	20
7	Updated Reaction Pathway for Dichloramine Decomposition: Formation of Reactive Nitrogen Species and <i>N</i> -Nitrosodimethylamine. <i>Environmental Science &amp; Technology</i> , 2021, 55, 1740-1749.	4.6	18
8	An improved chloroform surrogate for chlorine dioxide and alum-treated waters. <i>Journal - American Water Works Association</i> , 2013, 105, E103.	0.2	10
9	Effects of Natural Organic Matter on PCB-Activated Carbon Sorption Kinetics: Implications for Sediment Capping Applications. <i>Journal of Environmental Quality</i> , 2010, 39, 1359-1368.	1.0	8
10	Trihalomethane, dihaloacetonitrile, and total <i>N</i> -nitrosamine precursor adsorption by carbon nanotubes: the importance of surface oxides and pore volume. <i>Environmental Science: Water Research and Technology</i> , 2016, 2, 1004-1013.	1.2	8
11	Assessing trichloromethane formation and control in algal-stimulated waters amended with nitrogen and phosphorus. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 1290-1299.	1.7	7
12	Improved (and Singular) Disinfectant Protocol for Indirectly Assessing Organic Precursor Concentrations of Trihalomethanes and Dihaloacetonitriles. <i>Environmental Science &amp; Technology</i> , 2015, 49, 9858-9865.	4.6	7
13	Revealing a Size-Resolved Fluorescence-Based Metric for Tracking Oxidative Treatment of Total <i>N</i> -Nitrosamine Precursors in Waters from Wastewater Treatment Plants. <i>Environmental Science and Technology Letters</i> , 2017, 4, 228-233.	3.9	4
14	Bayesian and Frequentist Methods for Estimating Joint Uncertainty of Freundlich Adsorption Isotherm Fitting Parameters. <i>Journal of Environmental Engineering, ASCE</i> , 2013, 139, 307-311.	0.7	2
15	Emerging investigators series: trihalomethane, dihaloacetonitrile, and total <i>N</i> -nitrosamine precursor adsorption by modified carbon nanotubes (CNTs) and CNT micropillars. <i>Environmental Science: Water Research and Technology</i> , 2017, 3, 1042-1050.	1.2	2