

# Yan Qu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11952189/publications.pdf>

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17  
papers

1,198  
citations

933447

10  
h-index

1199594

12  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1610  
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradation and Removal Methods for Perfluoroalkyl and Polyfluoroalkyl Substances in Water. <i>Environmental Engineering Science</i> , 2016, 33, 615-649.	1.6	254
2	Photo-reductive defluorination of perfluorooctanoic acid in water. <i>Water Research</i> , 2010, 44, 2939-2947.	11.3	202
3	Electrochemical disinfection of toilet wastewater using wastewater electrolysis cell. <i>Water Research</i> , 2016, 92, 164-172.	11.3	172
4	Quantitative characterization of short- and long-chain perfluorinated acids in solid matrices in Shanghai, China. <i>Science of the Total Environment</i> , 2010, 408, 617-623.	8.0	147
5	Effects of Anodic Potential and Chloride Ion on Overall Reactivity in Electrochemical Reactors Designed for Solar-Powered Wastewater Treatment. <i>Environmental Science &amp; Technology</i> , 2014, 48, 2377-2384.	10.0	129
6	Equilibrium and kinetics study on the adsorption of perfluorooctanoic acid from aqueous solution onto powdered activated carbon. <i>Journal of Hazardous Materials</i> , 2009, 169, 146-152.	12.4	120
7	Effect of initial solution pH on photo-induced reductive decomposition of perfluorooctanoic acid. <i>Chemosphere</i> , 2014, 107, 218-223.	8.2	83
8	Design and preliminary implementation of onsite electrochemical wastewater treatment and recycling toilets for the developing world. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 1439-1450.	2.4	43
9	Photoinduced Reductive Decomposition of Perfluorooctanoic Acid in Water: Effect of Temperature and Ionic Strength. <i>Clean - Soil, Air, Water</i> , 2015, 43, 223-228.	1.1	24
10	SnO <sub>2</sub> , IrO <sub>2</sub> , Ta <sub>2</sub> O <sub>5</sub> , Bi <sub>2</sub> O <sub>3</sub> , and TiO <sub>2</sub> nanoparticle anodes: electrochemical oxidation coupled with the cathodic reduction of water to yield molecular H <sub>2</sub> . <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	12
11	Method development for analysis of short- and long-chain perfluorinated acids in solid matrices. <i>International Journal of Environmental Analytical Chemistry</i> , 2011, 91, 1117-1134.	3.3	10
12	The Determination of Dynamic Adsorption Curve, Adsorption Capacity and Breakthrough Capacity of Powdered Activated Carbon for Perfluorooctanoic Acid elimination from Water. , 2009, , .		1
13	Adsorption Mechanism of Perfluorooctane Sulfonate on Granular Activated Carbon in Wastewater. <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , 2010, , .	0.0	1
14	Breakthrough Volumes of Perfluorocarboxylates in Using WAX Cartridges for Analysis of Sewage. , 2009, , .		0
15	Feasibility Study on Adsorption of PFOA from Reuse Water by Powdered Activated Carbon. , 2009, , .		0
16	The Environmental Matrix Effects of Inorganic Ions to Photo-Reductive Defluorination of Perfluorooctanoic Acid. <i>Applied Mechanics and Materials</i> , 0, 316-317, 327-330.	0.2	0
17	Abatement of Perfluorocarbons in Teflon-Manufacturing Wastewater with Photo-Reduction Method. <i>Applied Mechanics and Materials</i> , 0, 316-317, 331-334.	0.2	0