

# Wenqing Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7103755/publications.pdf>

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18  
papers

965  
citations

623188

14  
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839053

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docs citations

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times ranked

1227  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactivity of chloroacetamides toward sulfide&#x2013;black carbon: Insights from structural analogues and dynamic NMR spectroscopy. <i>Science of the Total Environment</i> , 2022, 803, 150064.	3.9	3
2	Pyrogenic carbon-promoted haloacetic acid decarboxylation to trihalomethanes in drinking water. <i>Water Research</i> , 2022, 210, 117988.	5.3	2
3	Redox Properties of Pyrogenic Dissolved Organic Matter (pyDOM) from Biomass-Derived Chars. <i>Environmental Science &amp; Technology</i> , 2021, 55, 11434-11444.	4.6	21
4	Mechanistic Investigation of Haloacetic Acid Reduction Using Carbon-Ti <sub>4</sub> O <sub>7</sub> Composite Reactive Electrochemical Membranes. <i>Environmental Science &amp; Technology</i> , 2020, 54, 1982-1991.	4.6	37
5	Reactivity of Pyrogenic Carbonaceous Matter (PCM) in mediating environmental reactions: Current knowledge and future trends. <i>Frontiers of Environmental Science and Engineering</i> , 2020, 14, 1.	3.3	10
6	Black carbon-enhanced transformation of dichloroacetamide safeners: Role of reduced sulfur species. <i>Science of the Total Environment</i> , 2020, 738, 139908.	3.9	17
7	Probing the Surface Reactivity of Pyrogenic Carbonaceous Material (PCM) through Synthesis of PCM-Like Conjugated Microporous Polymers. <i>Environmental Science &amp; Technology</i> , 2019, 53, 7673-7682.	4.6	16
8	The synergistic interaction between sulfate-reducing bacteria and pyrogenic carbonaceous matter in DDT decay. <i>Chemosphere</i> , 2019, 233, 252-260.	4.2	6
9	Simultaneous Adsorption and Electrochemical Reduction of N-Nitrosodimethylamine Using Carbon-Ti <sub>4</sub> O <sub>7</sub> Composite Reactive Electrochemical Membranes. <i>Environmental Science &amp; Technology</i> , 2019, 53, 928-937.	4.6	59
10	Surface-promoted hydrolysis of 2,4,6-trinitrotoluene and 2,4-dinitroanisole on pyrogenic carbonaceous matter. <i>Chemosphere</i> , 2018, 197, 603-610.	4.2	14
11	Impact of chitosan and polyacrylamide on formation of carbonaceous and nitrogenous disinfection by-products. <i>Chemosphere</i> , 2017, 178, 26-33.	4.2	14
12	Activity and Reactivity of Pyrogenic Carbonaceous Matter toward Organic Compounds. <i>Environmental Science &amp; Technology</i> , 2017, 51, 8893-8908.	4.6	213
13	Black Carbon Facilitated Dechlorination of DDT and its Metabolites by Sulfide. <i>Environmental Science &amp; Technology</i> , 2016, 50, 12976-12983.	4.6	48
14	Reduction of Nitroaromatics Sorbed to Black Carbon by Direct Reaction with Sorbed Sulfides. <i>Environmental Science &amp; Technology</i> , 2015, 49, 3419-3426.	4.6	66
15	Superior adsorption capacity of hierarchical iron oxide@magnesium silicate magnetic nanorods for fast removal of organic pollutants from aqueous solution. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11691.	5.2	133
16	Role of Black Carbon Electrical Conductivity in Mediating Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) Transformation on Carbon Surfaces by Sulfides. <i>Environmental Science &amp; Technology</i> , 2013, 47, 7129-7136.	4.6	155
17	Visible&#x2013;Light Photocatalytic Degradation of Methylene Blue Using SnO <sub>2</sub> /Fe <sub>2</sub> O <sub>3</sub> Hierarchical Nanoheterostructures. <i>ChemPlusChem</i> , 2013, 78, 192-199.	1.3	69
18	Black Carbon-Mediated Destruction of Nitroglycerin and RDX By Hydrogen Sulfide. <i>Environmental Science &amp; Technology</i> , 2010, 44, 6409-6415.	4.6	82