

# Jin Y Chen

## List of Publications by Year in descending order

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15  
papers

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citations

840776

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Microbial Cleavage of C-F Bonds in Two C <sub>6</sub> Per- and Polyfluorinated Compounds via Reductive Defluorination. <i>Environmental Science &amp; Technology</i> , 2020, 54, 14393-14402.	10.0	73
2	Brown Carbon Formation from Nighttime Chemistry of Unsaturated Heterocyclic Volatile Organic Compounds. <i>Environmental Science and Technology Letters</i> , 2019, 6, 184-190.	8.7	60
3	Use of Dithiothreitol Assay to Evaluate the Oxidative Potential of Atmospheric Aerosols. <i>Atmosphere</i> , 2019, 10, 571.	2.3	55
4	Chemical and Toxicological Characterization of Vaping Emission Products from Commonly Used Vape Juice Diluents. <i>Chemical Research in Toxicology</i> , 2020, 33, 2157-2163.	3.3	28
5	Traffic-Related Particulate Matter and Cardiometabolic Syndrome: A Review. <i>Atmosphere</i> , 2018, 9, 336.	2.3	27
6	Effects of hydrogenated vegetable oil (HVO) and HVO/biodiesel blends on the physicochemical and toxicological properties of emissions from an off-road heavy-duty diesel engine. <i>Fuel</i> , 2022, 323, 124283.	6.4	21
7	Toxicological responses in human airway epithelial cells (BEAS-2B) exposed to particulate matter emissions from gasoline fuels with varying aromatic and ethanol levels. <i>Science of the Total Environment</i> , 2020, 706, 135732.	8.0	20
8	Characterization of electrophilicity and oxidative potential of atmospheric carbonyls. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 856-866.	3.5	17
9	Time-Dependent Density Functional Theory Investigation of the UV-Vis Spectra of Organonitrogen Chromophores in Brown Carbon. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 311-320.	2.7	15
10	Estimation of the dose of electronic cigarette chemicals deposited in human airways through passive vaping. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 1008-1016.	3.9	15
11	Exposure to Dimethyl Selenide (DMSe)-Derived Secondary Organic Aerosol Alters Transcriptomic Profiles in Human Airway Epithelial Cells. <i>Environmental Science &amp; Technology</i> , 2019, 53, 14660-14669.	10.0	13
12	Formation of Redox-Active Duroquinone from Vaping of Vitamin E Acetate Contributes to Oxidative Lung Injury. <i>Chemical Research in Toxicology</i> , 2022, 35, 254-264.	3.3	12
13	Role of functional groups in reaction kinetics of dithiothreitol with secondary organic aerosols. <i>Environmental Pollution</i> , 2020, 263, 114402.	7.5	11
14	Carbonyl Composition and Electrophilicity in Vaping Emissions of Flavored and Unflavored E-Liquids. <i>Toxics</i> , 2021, 9, 345.	3.7	9
15	Integrative Analysis of lncRNA-mRNA Coexpression in Human Lung Epithelial Cells Exposed to Dimethyl Selenide-Derived Secondary Organic Aerosols. <i>Chemical Research in Toxicology</i> , 2021, 34, 892-900.	3.3	5