Haoran Yu

List of Publications by Year
in descending order

9 papers	372 citations	1305906 8 h-index	1637695 9 g-index
11 all docs	11 docs citations	11 times ranked	476 citing authors

#	Article	IF	Citations
1	Sources of cellular oxidative potential of water-soluble fine ambient particulate matter in the Midwestern United States. Journal of Hazardous Materials, 2022, 425, 127777.	6.5	18
2	Influence of environmental conditions on the dithiothreitol (DTT)-Based oxidative potential of size-resolved indoor particulate matter of ambient origin. Atmospheric Environment, 2021, 255, 118429.	1.9	4
3	Spatiotemporal variability in the oxidative potential of ambient fine particulate matter in the Midwestern United States. Atmospheric Chemistry and Physics, 2021, 21, 16363-16386.	1.9	13
4	A semi-automated multi-endpoint reactive oxygen species activity analyzer (SAMERA) for measuring the oxidative potential of ambient PM_{2.5} aqueous extracts. Aerosol Science and Technology, 2020, 54, 304-320.	1.5	17
5	Synergistic and antagonistic interactions among organic and metallic components of the ambient particulate matter (PM) for the cytotoxicity measured by Chinese hamster ovary cells. Science of the Total Environment, 2020, 736, 139511.	3.9	15
6	Complexation of Iron and Copper in Ambient Particulate Matter and Its Effect on the Oxidative Potential Measured in a Surrogate Lung Fluid. Environmental Science & Technology, 2019, 53, 1661-1671.	4.6	64
7	Synergistic and Antagonistic Interactions among the Particulate Matter Components in Generating Reactive Oxygen Species Based on the Dithiothreitol Assay. Environmental Science & Technology, 2018, 52, 2261-2270.	4.6	117
8	An efficient virus aerosol sampler enabled by adiabatic expansion. Journal of Aerosol Science, 2018, 117, 74-84.	1.8	13
9	Rethinking Dithiothreitol-Based Particulate Matter Oxidative Potential: Measuring Dithiothreitol Consumption versus Reactive Oxygen Species Generation. Environmental Science & Technology, 2017, 51, 6507-6514.	4.6	111