Amara L Holder

List of Publications by Year
in descending order

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30 papers	1,629 citations	279798 23 h-index	454955 30 g-index
33 all docs	33 docs citations	33 times ranked	2820 citing authors

#	Article	IF	Citations
1	Monoterpenes are the largest source of summertime organic aerosol in the southeastern United States. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2038-2043.	7.1	186
2	Wildfire and prescribed burning impacts on air quality in the United States. Journal of the Air and Waste Management Association, 2020, 70, 583-615.	1.9	180
3	Particle-Induced Artifacts in the MTT and LDH Viability Assays. Chemical Research in Toxicology, 2012, 25, 1885-1892.	3.3	165
4	Light Absorption of Secondary Organic Aerosol: Composition and Contribution of Nitroaromatic Compounds. Environmental Science & Technology, 2017, 51, 11607-11616.	10.0	132
5	Light-absorbing organic carbon from prescribed and laboratory biomass burning and gasoline vehicle emissions. Scientific Reports, 2017, 7, 7318.	3.3	89
6	Sampling Artifacts from Conductive Silicone Tubing. Aerosol Science and Technology, 2009, 43, 855-865.	3.1	68
7	Composition and light absorption of N-containing aromatic compounds in organic aerosols from laboratory biomass burning. Atmospheric Chemistry and Physics, 2019, 19, 2899-2915.	4.9	68
8	Cellular Response to Diesel Exhaust Particles Strongly Depends on the Exposure Method. Toxicological Sciences, 2008, 103, 108-115.	3.1	67
9	Nanomaterial disposal by incineration. Environmental Sciences: Processes and Impacts, 2013, 15, 1652-1664.	3.5	60
10	Characterization of particle emissions and fate of nanomaterials during incineration. Environmental Science: Nano, 2014, 1, 133-143.	4.3	60
11	Emissions of Polycyclic Aromatic Hydrocarbons, Polychlorinated Dibenzo-<i>p</i>-Dioxins, and Dibenzofurans from Incineration of Nanomaterials. Environmental Science & Technology, 2013, 47, 4866-4874.	10.0	55
12	Light absorption of organic carbon and its sources at a southeastern U.S. location in summer. Environmental Pollution, 2019, 244, 38-46.	7.5	48
13	Increased cytotoxicity of oxidized flame soot. Atmospheric Pollution Research, 2012, 3, 25-31.	3.8	46
14	Minimal cooling rate dependence of ice nuclei activity in the immersion mode. Journal of Geophysical Research D: Atmospheres, 2013, 118, 10,535.	3.3	43
15	Light absorption of organic carbon emitted from burning wood, charcoal, and kerosene in household cookstoves. Environmental Pollution, 2018, 240, 60-67.	7.5	42
16	Toxicity of particulate matter from incineration of nanowaste. Environmental Science: Nano, 2015, 2, 143-154.	4.3	38
17	Characterization of gas and particle emissions from laboratory burns of peat. Atmospheric Environment, 2016, 132, 49-57.	4.1	36
18	Inflammatory response of lung cells exposed to whole, filtered, and hydrocarbon denuded diesel exhaust. Chemosphere, 2007, 70, 13-19.	8.2	33

#	Article	IF	Citations
19	Assessing PM2.5 model performance for the conterminous U.S. with comparison to model performance statistics from 2007-2015. Atmospheric Environment, 2019, 214, 116872.	4.1	30
20	Particulate matter and black carbon optical properties and emission factors from prescribed fires in the southeastern United States. Journal of Geophysical Research D: Atmospheres, 2016, 121, 3465-3483.	3.3	28
21	Toxicity of Silver Nanoparticles at the Air-Liquid Interface. BioMed Research International, 2013, 2013, 1-11.	1.9	27
22	On-road black carbon instrument intercomparison and aerosol characteristics by driving environment. Atmospheric Environment, 2014, 88, 183-191.	4.1	26
23	Characterization of emissions and residues from simulations of the Deepwater Horizon surface oil burns. Marine Pollution Bulletin, 2017, 117, 392-405.	5.0	25
24	Grassland and forest understorey biomass emissions from prescribed fires in the south-eastern United States â€“ RxCADRE 2012. International Journal of Wildland Fire, 2016, 25, 102.	2.4	21
25	Chemical composition, structures, and light absorption of N-containing aromatic compounds emitted from burning wood and charcoal in household cookstoves. Atmospheric Chemistry and Physics, 2020, 20, 14077-14090.	4.9	13
26	Characterization of M4 carbine rifle emissions with three ammunition types. Environmental Pollution, 2019, 254, 112982.	7.5	11
27	Analysis of emissions and residue from methods to improve efficiency of at-sea, in situ oil spill burns. Marine Pollution Bulletin, 2021, 173, 113016.	5.0	11
28	Effects of Aftermarket Control Technologies on Gas and Particle Phase Oxidative Potential from Diesel Engine Emissions. Environmental Science & Technology, 2015, 49, 10544-10552.	10.0	9
29	Characterization of Emissions from Liquid Fuel and Propane Open Burns. Fire Technology, 2017, 53, 2023-2038.	3.0	7
30	Emissions removal efficiency from diesel gensets using aftermarket PM controls. Clean Technologies and Environmental Policy, 2015, 17, 1861-1871.	4.1	5