

Vera Samburova

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,088
citations

516710

16
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

1952
citing authors

#	ARTICLE	IF	CITATIONS
1	Flavoring Compounds Dominate Toxic Aldehyde Production during E-Cigarette Vaping. <i>Environmental Science & Technology</i> , 2016, 50, 13080-13085.	10.0	199
2	Polycyclic aromatic hydrocarbons in biomass-burning emissions and their contribution to light absorption and aerosol toxicity. <i>Science of the Total Environment</i> , 2016, 568, 391-401.	8.0	145
3	Brown carbon aerosols from burning of boreal peatlands: microphysical properties, emission factors, and implications for direct radiative forcing. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 3033-3040.	4.9	119
4	Do 16 Polycyclic Aromatic Hydrocarbons Represent PAH Air Toxicity?. <i>Toxics</i> , 2017, 5, 17.	3.7	119
5	Light absorption by polar and non-polar aerosol compounds from laboratory biomass combustion. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10849-10867.	4.9	60
6	Online gas and aerosol measurement of water soluble carboxylic acids in Zurich. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	54
7	Hydroxyl Radicals in E-Cigarette Vapor and E-Vapor Oxidative Potentials under Different Vaping Patterns. <i>Chemical Research in Toxicology</i> , 2019, 32, 1087-1095.	3.3	53
8	Aldehydes in Exhaled Breath during E-Cigarette Vaping: Pilot Study Results. <i>Toxics</i> , 2018, 6, 46.	3.7	50
9	Carbonyls and Carbon Monoxide Emissions from Electronic Cigarettes Affected by Device Type and Use Patterns. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2767.	2.6	49
10	Harmful chemicals emitted from electronic cigarettes and potential deleterious effects in the oral cavity. <i>Tobacco Induced Diseases</i> , 2020, 18, 41.	0.6	38
11	Analysis of Triacylglycerols and Free Fatty Acids in Algae Using Ultra-Performance Liquid Chromatography Mass Spectrometry. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2013, 90, 53-64.	1.9	37
12	Physical and chemical characterization of aerosol in fresh and aged emissions from open combustion of biomass fuels. <i>Aerosol Science and Technology</i> , 2018, 52, 1266-1282.	3.1	32
13	Indoor Air Quality and Passive E-cigarette Aerosol Exposures in Vape-Shops. <i>Nicotine and Tobacco Research</i> , 2020, 22, 1772-1779.	2.6	26
14	Deposition of brown carbon onto snow: changes in snow optical and radiative properties. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 6095-6114.	4.9	25
15	Aerosol characterization studies at Great Smoky Mountains National Park, summer 2006. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	19
16	Polar semivolatile organic compounds in biomass-burning emissions and their chemical transformations during aging in an oxidation flow reactor. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8227-8250.	4.9	19
17	Transgressive, reiterative selection by continuous buoyant density gradient centrifugation of <i>Dunaliella salina</i> results in enhanced lipid and starch content. <i>Algal Research</i> , 2015, 9, 194-203.	4.6	10
18	Emissions and Partitioning of Intermediate-Volatility and Semi-Volatile Polar Organic Compounds (I/SV-POCs) During Laboratory Combustion of Boreal and Sub-Tropical Peat. <i>Aerosol Science and Engineering</i> , 2017, 1, 25-32.	1.9	10

#	ARTICLE	IF	CITATIONS
19	Criteria-Based Identification of Important Fuels for Wildland Fire Emission Research. <i>Atmosphere</i> , 2020, 11, 640.	2.3	7
20	Effect of Biomass-Burning Emissions on Soil Water Repellency: A Pilot Laboratory Study. <i>Fire</i> , 2021, 4, 24.	2.8	7
21	Emissions from the Open Laboratory Combustion of Cheatgrass (<i>Bromus Tectorum</i>). <i>Atmosphere</i> , 2020, 11, 406.	2.3	3
22	Optical Characterization of Fresh and Photochemically Aged Aerosols Emitted from Laboratory Siberian Peat Burning. <i>Atmosphere</i> , 2022, 13, 386.	2.3	3