

Vanessa Selimovic

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

993
citations

759233

12
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

1236
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-methane organic gas emissions from biomass burning: identification, quantification, and emission factors from PTR-ToF during the FIREX 2016 laboratory experiment. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 3299-3319.	4.9	233
2	Airborne measurements of western U.S. wildfire emissions: Comparison with prescribed burning and air quality implications. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 6108-6129.	3.3	184
3	Aerosol optical properties and trace gas emissions by PAX and OP-FTIR for laboratory-simulated western US wildfires during FIREX. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 2929-2948.	4.9	103
4	High- and low-temperature pyrolysis profiles describe volatile organic compound emissions from western US wildfire fuels. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 9263-9281.	4.9	102
5	OH chemistry of non-methane organic gases (NMOGs) emitted from laboratory and ambient biomass burning smoke: evaluating the influence of furans and oxygenated aromatics on ozone and secondary NMOG formation. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 14875-14899.	4.9	92
6	Emissions of Trace Organic Gases From Western U.S. Wildfires Based on WEâ€CAN Aircraft Measurements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033838.	3.3	54
7	In situ measurements of trace gases, PM, and aerosol optical properties during the 2017 NW US wildfire smoke event. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 3905-3926.	4.9	45
8	The nitrogen budget of laboratory-simulated western US wildfires during the FIREX 2016 Fire Lab study. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8807-8826.	4.9	45
9	Ozone chemistry in western U.S. wildfire plumes. <i>Science Advances</i> , 2021, 7, eabl3648.	10.3	45
10	Highly Speciated Measurements of Terpenoids Emitted from Laboratory and Mixed-Conifer Forest Prescribed Fires. <i>Environmental Science & Technology</i> , 2019, 53, 9418-9428.	10.0	31
11	Variability and Time of Day Dependence of Ozone Photochemistry in Western Wildfire Plumes. <i>Environmental Science & Technology</i> , 2021, 55, 10280-10290.	10.0	31
12	Aerosol Mass and Optical Properties, Smoke Influence on O ₃ , and High NO ₃ Production Rates in a Western U.S. City Impacted by Wildfires. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032791.	3.3	24