

Katja Dzepina

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

8,013
citations

448610

19
h-index

799663

21
g-index

22
all docs

22
docs citations

22
times ranked

6442
citing authors

#	ARTICLE	IF	CITATIONS
1	Equal abundance of summertime natural and wintertime anthropogenic Arctic organic aerosols. <i>Nature Geoscience</i> , 2022, 15, 196-202.	5.4	31
2	New Insight into the Measurements of Particle-Bound Metals in the Urban and Remote Atmospheres of the Sarajevo Canton and Modeled Impacts of Particulate Air Pollution in Bosnia and Herzegovina. <i>Environmental Science & Technology</i> , 2022, 56, 7052-7062.	4.6	5
3	Analysis of PM10, Pb, Cd, and Ni atmospheric concentrations during domestic heating season in Sarajevo, Bosnia and Herzegovina, from 2010 to 2019. <i>Air Quality, Atmosphere and Health</i> , 2020, 13, 965-976.	1.5	17
4	Carcinogenic organic content of particulate matter at urban locations with different pollution sources. <i>Science of the Total Environment</i> , 2020, 734, 139414.	3.9	28
5	Molecular and physical characteristics of aerosol at a remote free troposphere site: implications for atmospheric aging. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 14017-14036.	1.9	39
6	Ice cloud formation potential by free tropospheric particles from long-range transport over the Northern Atlantic Ocean. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 3065-3079.	1.2	34
7	Morphology and mixing state of aged soot particles at a remote marine free troposphere site: Implications for optical properties. <i>Geophysical Research Letters</i> , 2015, 42, 1243-1250.	1.5	153
8	Molecular characterization of free tropospheric aerosol collected at the Pico Mountain Observatory: a case study with a long-range transported biomass burning plume. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 5047-5068.	1.9	67
9	Atmospheric peroxyacetyl nitrate (PAN): a global budget and source attribution. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 2679-2698.	1.9	259
10	Secondary organic aerosol formation from semi- and intermediate volatility organic compounds and glyoxal: Relevance of O/C as a tracer for aqueous multiphase chemistry. <i>Geophysical Research Letters</i> , 2013, 40, 978-982.	1.5	69
11	Modeling the Multiday Evolution and Aging of Secondary Organic Aerosol During MILAGRO 2006. <i>Environmental Science & Technology</i> , 2011, 45, 3496-3503.	4.6	90
12	Evolution of Organic Aerosols in the Atmosphere. <i>Science</i> , 2009, 326, 1525-1529.	6.0	3,374
13	Evaluation of recently-proposed secondary organic aerosol models for a case study in Mexico City. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 5681-5709.	1.9	261
14	Comparative Analysis of Urban Atmospheric Aerosol by Particle-Induced X-ray Emission (PIXE), Proton Elastic Scattering Analysis (PESA), and Aerosol Mass Spectrometry (AMS). <i>Environmental Science & Technology</i> , 2008, 42, 6619-6624.	4.6	36
15	Technical Note: Use of a beam width probe in an Aerosol Mass Spectrometer to monitor particle collection efficiency in the field. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 549-556.	1.9	57
16	Ubiquity and dominance of oxygenated species in organic aerosols in anthropogenically influenced Northern Hemisphere midlatitudes. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	1,773
17	Detection of particle-phase polycyclic aromatic hydrocarbons in Mexico City using an aerosol mass spectrometer. <i>International Journal of Mass Spectrometry</i> , 2007, 263, 152-170.	0.7	167
18	Secondary organic aerosol formation from anthropogenic air pollution: Rapid and higher than expected. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	1,027

#	ARTICLE	IF	CITATIONS
19	Implementation of a Markov Chain Monte Carlo method to inorganic aerosol modeling of observations from the MCMA-2003 campaign – Part II: Model application to the CENICA, Pedregal and Santa Ana sites. Atmospheric Chemistry and Physics, 2006, 6, 4889-4904.	1.9	34
20	Sources and transformations of particle-bound polycyclic aromatic hydrocarbons in Mexico City. Atmospheric Chemistry and Physics, 2006, 6, 1733-1745.	1.9	151
21	Characterization of ambient aerosols in Mexico City during the MCMA-2003 campaign with Aerosol Mass Spectrometry: results from the CENICA Supersite. Atmospheric Chemistry and Physics, 2006, 6, 925-946.	1.9	341