

Karine Deboudt

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7230936/karine-deboudt-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

950
citations

18
h-index

30
g-index

45
ext. papers

1,065
ext. citations

5.8
avg, IF

3.92
L-index

#	Paper	IF	Citations
42	Zn isotope study of atmospheric emissions and dry depositions within a 5 km radius of a PbZn refinery. <i>Atmospheric Environment</i> , 2009 , 43, 1265-1272	5.3	106
41	European isotopic signatures for lead in atmospheric aerosols: a source apportionment based upon 206Pb/207Pb ratios. <i>Science of the Total Environment</i> , 2002 , 296, 35-57	10.2	77
40	Atmospheric reactivity of hydroxyl radicals with guaiacol (2-methoxyphenol), a biomass burning emitted compound: Secondary organic aerosol formation and gas-phase oxidation products. <i>Atmospheric Environment</i> , 2014 , 86, 155-163	5.3	76
39	Mixing state of aerosols and direct observation of carbonaceous and marine coatings on African dust by individual particle analysis. <i>Journal of Geophysical Research</i> , 2010 , 115,		55
38	Organic aerosols over Indo-Gangetic Plain: Sources, distributions and climatic implications. <i>Atmospheric Environment</i> , 2017 , 157, 59-74	5.3	52
37	Quantitative determination of low-Z elements in single atmospheric particles on boron substrates by automated scanning electron microscopy-energy-dispersive X-ray spectrometry. <i>Analytical Chemistry</i> , 2005 , 77, 5686-92	7.8	46
36	Fast changes in chemical composition and size distribution of fine particles during the near-field transport of industrial plumes. <i>Science of the Total Environment</i> , 2012 , 427-428, 126-38	10.2	44
35	Single-particle analysis of atmospheric aerosols at Cape Gris-Nez, English Channel: Influence of steel works on iron apportionment. <i>Atmospheric Environment</i> , 2007 , 41, 2820-2830	5.3	41
34	Fine and Ultrafine Particles in the Vicinity of Industrial Activities: A Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2015 , 45, 2305-2356	11.1	40
33	Iron isotopic fractionation in industrial emissions and urban aerosols. <i>Chemosphere</i> , 2008 , 73, 1793-8	8.4	40
32	Aerosol chemistry, transport, and climatic implications during extreme biomass burning emissions over the Indo-Gangetic Plain. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 14197-14215	6.8	39
31	Cd, Cu, Pb and Zn Concentrations in Atmospheric Wet Deposition at a Coastal Station in Western Europe. <i>Water, Air, and Soil Pollution</i> , 2004 , 151, 335-359	2.6	38
30	Assessment of pollution aerosols sources above the Straits of Dover using lead isotope geochemistry. <i>Science of the Total Environment</i> , 1999 , 236, 57-74	10.2	36
29	Fe and Mn oxidation states by TEM-EELS in fine-particle emissions from a Fe-Mn alloy making plant. <i>Environmental Science & Technology</i> , 2013 , 47, 10832-40	10.3	32
28	Development of Time-Resolved Description of Aerosol Properties at the Particle Scale During an Episode of Industrial Pollution Plume. <i>Water, Air, and Soil Pollution</i> , 2010 , 209, 93-107	2.6	29
27	Red-ox speciation and mixing state of iron in individual African dust particles. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		21
26	Changes in the lead content of atmospheric aerosols above the Eastern Channel between 1982/83 and 1994. <i>Science of the Total Environment</i> , 1996 , 192, 193-206	10.2	19

25	Scanning electron microscopy-energy dispersive X-ray spectrometry (SEM-EDX) and aerosol time-of-flight mass spectrometry (ATOFMS) single particle analysis of metallurgy plant emissions. <i>Environmental Pollution</i> , 2016 , 210, 9-17	9.3	18
24	Effect of sea breeze circulation on aerosol mixing state and radiative properties in a desert setting. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 11331-11353	6.8	15
23	Investigation on the near-field evolution of industrial plumes from metalworking activities. <i>Science of the Total Environment</i> , 2019 , 668, 443-456	10.2	14
22	Evidencing lead deposition at the urban scale using short-lived isotopic signatures of the source term (Pb-Zn refinery). <i>Atmospheric Environment</i> , 2004 , 38, 5157-5168	5.3	14
21	Copolymers of N-vinyl-2-pyrrolidone and 2-(dimethylamino)ethyl methacrylate, 1. Synthesis, characterization, quaternization. <i>Macromolecular Chemistry and Physics</i> , 1995 , 196, 279-290	2.6	14
20	Mineral dust and carbonaceous aerosols in West Africa: Source assessment and characterization. <i>Atmospheric Environment</i> , 2011 , 45, 3742-3749	5.3	13
19	Insights into size-segregated particulate chemistry and sources in urban environment over central Indo-Gangetic Plain. <i>Chemosphere</i> , 2021 , 263, 128030	8.4	11
18	Review of pollutant lead decline in urban air and human blood: A case study from northwestern Europe. <i>Comptes Rendus - Geoscience</i> , 2015 , 347, 247-256	1.4	9
17	Impact of Sea Breeze Dynamics on Atmospheric Pollutants and Their Toxicity in Industrial and Urban Coastal Environments. <i>Remote Sensing</i> , 2020 , 12, 648	5	7
16	FILTER-FREE LIGHT ABSORPTION MEASUREMENT OF VOLCANIC ASHES AND AMBIENT PARTICULATE MATTER USING MULTI-WAVELENGTH PHOTOACOUSTIC SPECTROSCOPY. <i>Progress in Electromagnetics Research</i> , 2019 , 166, 59-74	3.8	7
15	Copolymers of N-vinyl-2-pyrrolidone and 2-(dimethylamino)ethyl methacrylate, 3. Viscosity of quaternized copolymers in aqueous solution. <i>Macromolecular Chemistry and Physics</i> , 1995 , 196, 303-314	2.6	6
14	Microscopic Observations of Core-Shell Particle Structure and Implications for Atmospheric Aerosol Remote Sensing. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 13,944	4.4	6
13	Key factors explaining severe air pollution episodes in Hanoi during 2019 winter season. <i>Atmospheric Pollution Research</i> , 2021 , 12, 101068	4.5	5
12	Aerosol variability induced by atmospheric dynamics in a coastal area of Senegal, North-Western Africa. <i>Atmospheric Environment</i> , 2019 , 203, 228-241	5.3	4
11	Evaluation of first-type sampler and PM10 impactor for investigating adhesion of atmospheric particles onto allergenic pollen grains. <i>Aerobiologia</i> , 2020 , 36, 657-668	2.4	4
10	Copolymers of N-vinyl-2-pyrrolidone and 2-(dimethylamino)ethyl methacrylate, 2. Quaternization with octyl bromide kinetic studies. <i>Macromolecular Chemistry and Physics</i> , 1995 , 196, 291-302	2.6	3
9	In-cloud processing as a possible source of isotopically light iron from anthropogenic aerosols: New insights from a laboratory study. <i>Atmospheric Environment</i> , 2021 , 259, 118505	5.3	3
8	Characterization and source apportionment of single particles from metalworking activities. <i>Environmental Pollution</i> , 2021 , 270, 116078	9.3	2

7	The lead content of atmospheric aerosols above the eastern channel: seasonal variability and solubility in a coastal seawater. <i>Hydrobiologia</i> , 1998 , 373/374, 317-332	2.4	1
6	The lead content of atmospheric aerosols above the eastern channel: seasonal variability and solubility in a coastal seawater 1998 , 317-332		1
5	Formation of secondary organic aerosols from the reaction of β -terpinene with ozone: yields and morphology. <i>Atmospheric Environment</i> , 2021 , 262, 118600	5.3	1
4	Development and Characterization of a Time-Sequenced Cascade Impactor: Application to Transient PM _{2.5} Pollution Events in Urbanized and Industrialized Environments. <i>Atmosphere</i> , 2022 , 13, 244	2.7	0
3	Sources, Composition, and Mixing State of Submicron Particulates over the Central Indo-Gangetic Plain. <i>ACS Earth and Space Chemistry</i> , 2021 , 5, 2052-2065	3.2	0
2	Laboratory study of iron isotope fractionation during dissolution of mineral dust and industrial ash in simulated cloud water.. <i>Chemosphere</i> , 2022 , 134472	8.4	0
1	Atmospheric particulate matter deposition on birch catkins and pollen grains before pollination. <i>Aerobiologia</i> ,1	2.4	