

Pascal Rp Flament

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,441
citations

331259

21
h-index

315357

38
g-index

41
all docs

41
docs citations

41
times ranked

2128
citing authors

#	ARTICLE	IF	CITATIONS
1	Isotopic evidence of pollutant lead sources in Northwestern France. <i>Atmospheric Environment</i> , 1999, 33, 3377-3388.	1.9	154
2	The BLLAST field experiment: Boundary-Layer Late Afternoon and Sunset Turbulence. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 10931-10960.	1.9	151
3	Zn isotope study of atmospheric emissions and dry depositions within a 5 km radius of a Pb-Zn refinery. <i>Atmospheric Environment</i> , 2009, 43, 1265-1272.	1.9	121
4	Size-distributed metallic elements in submicronic and ultrafine atmospheric particles from urban and industrial areas in northern France. <i>Atmospheric Research</i> , 2014, 135-136, 35-47.	1.8	87
5	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.	3.9	85
6	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, .	3.3	62
7	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, 5686-5692.	3.2	55
8	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.	6.6	50
9	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.	1.1	48
10	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.	1.9	48
11	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, 126-138.	3.9	47
12	Bioaccessibility of trace elements in fine and ultrafine atmospheric particles in an industrial environment. <i>Environmental Geochemistry and Health</i> , 2015, 37, 875-889.	1.8	47
13	Fast evolution of tropospheric Pb- and Zn-rich particles in the vicinity of a lead smelter. <i>Atmospheric Environment</i> , 2006, 40, 4439-4449.	1.9	44
14	Iron isotopic fractionation in industrial emissions and urban aerosols. <i>Chemosphere</i> , 2008, 73, 1793-1798.	4.2	44
15	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.	3.9	40
16	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, 10832-10840.	4.6	36
17	Non-exhaust particle emissions under various driving conditions: Implications for sustainable mobility. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 81, 102290.	3.2	33
18	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.	1.1	32

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19	Metal-bearing fine particle sources in a coastal industrialized environment. Atmospheric Research, 2017, 183, 202-211.	1.8	29
20	Redox speciation and mixing state of iron in individual African dust particles. Journal of Geophysical Research, 2012, 117, .	3.3	24
21	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. Environmental Pollution, 2016, 210, 9-17.	3.7	24
22	Changes in the lead content of atmospheric aerosols above the Eastern Channel between 1982/83 and 1994. Science of the Total Environment, 1996, 192, 193-206.	3.9	21
23	Evaluation of quantitative procedures for X-ray microanalysis of environmental particles. Microscopy Research and Technique, 2007, 70, 996-1002.	1.2	21
24	Impact of Sea Breeze Dynamics on Atmospheric Pollutants and Their Toxicity in Industrial and Urban Coastal Environments. Remote Sensing, 2020, 12, 648.	1.8	20
25	Mineral dust and carbonaceous aerosols in West Africa: Source assessment and characterization. Atmospheric Environment, 2011, 45, 3742-3749.	1.9	18
26	Review of pollutant lead decline in urban air and human blood: A case study from northwestern Europe. Comptes Rendus - Geoscience, 2015, 347, 247-256.	0.4	17
27	Investigation on the near-field evolution of industrial plumes from metalworking activities. Science of the Total Environment, 2019, 668, 443-456.	3.9	16
28	Evidencing lead deposition at the urban scale using "short-lived" isotopic signatures of the source term (Pb-Zn refinery). Atmospheric Environment, 2004, 38, 5157-5168.	1.9	15
29	Atmospherically-promoted photosynthetic activity in a well-mixed ecosystem: Significance of wet deposition events of nitrogen compounds. Estuarine, Coastal and Shelf Science, 2006, 69, 449-458.	0.9	14
30	FILTER-FREE LIGHT ABSORPTION MEASUREMENT OF VOLCANIC ASHES AND AMBIENT PARTICULATE MATTER USING MULTI-WAVELENGTH PHOTOACOUSTIC SPECTROSCOPY. Progress in Electromagnetics Research, 2019, 166, 59-74.	1.6	10
31	Characterization and source apportionment of single particles from metalworking activities. Environmental Pollution, 2021, 270, 116078.	3.7	7
32	In-cloud processing as a possible source of isotopically light iron from anthropogenic aerosols: New insights from a laboratory study. Atmospheric Environment, 2021, 259, 118505.	1.9	6
33	Analysis of the Stable Isotope Ratios (¹⁸ O/ ¹⁶ O), Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td (¹⁸O/¹⁶O). Chemistry, 2020, 92, 4512-4517.	3.2	5
34	The lead content of atmospheric aerosols above the eastern channel: seasonal variability and solubility in a coastal seawater. , 1998, , 317-332.		2
35	Development and Characterization of a Time-Sequenced Cascade Impactor: Application to Transient PM2.5 Pollution Events in Urbanized and Industrialized Environments. Atmosphere, 2022, 13, 244.	1.0	2
36	Laboratory study of iron isotope fractionation during dissolution of mineral dust and industrial ash in simulated cloud water. Chemosphere, 2022, 299, 134472.	4.2	2

#	ARTICLE	IF	CITATIONS
37	Title is missing!. Hydrobiologia, 1998, 373/374, 317-332.	1.0	1
38	Application of single particle analysis performed by SEM-EDX to air quality studies. Journal of Physics: Conference Series, 2008, 126, 012007.	0.3	1
39	Isotopic evidence of spatial magnitude of the Pb deposition near a lead smelter. European Physical Journal Special Topics, 2003, 107, 483-486.	0.2	0
40	An atmospheric lead source-areas apportionment study in Europe. European Physical Journal Special Topics, 2003, 107, 487-490.	0.2	0