

Pascal Rp Flament

List of Publications by Citations

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

39
papers

1,203
citations

20
h-index

34
g-index

41
ext. papers

1,311
ext. citations

6.1
avg, IF

3.99
L-index

#	Paper	IF	Citations
39	Isotopic evidence of pollutant lead sources in Northwestern France. <i>Atmospheric Environment</i> , 1999 , 33, 3377-3388	5.3	143
38	The BLLAST field experiment: Boundary-Layer Late Afternoon and Sunset Turbulence. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 10931-10960	6.8	126
37	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	5.3	106
36	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
35	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	5.4	71
34	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
33	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
32	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
31	Fast evolution of tropospheric Pb- and Zn-rich particles in the vicinity of a lead smelter. <i>Atmospheric Environment</i> , 2006 , 40, 4439-4449	5.3	43
30	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
29	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
28	Iron isotopic fractionation in industrial emissions and urban aerosols. <i>Chemosphere</i> , 2008 , 73, 1793-8	8.4	40
27	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
26	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
25	Bioaccessibility of trace elements in fine and ultrafine atmospheric particles in an industrial environment. <i>Environmental Geochemistry and Health</i> , 2015 , 37, 875-89	4.7	33
24	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
23	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

22	Metal-bearing fine particle sources in a coastal industrialized environment. <i>Atmospheric Research</i> , 2017 , 183, 202-211	5.4	21
21	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
20	Evaluation of quantitative procedures for X-ray microanalysis of environmental particles. <i>Microscopy Research and Technique</i> , 2007 , 70, 996-1002	2.8	20
19	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
18	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
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	6.4	17
16	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
15	Evidencing lead deposition at the urban scale using short-lived isotopic signatures of the source term (Pb ²¹⁰ refinery). <i>Atmospheric Environment</i> , 2004 , 38, 5157-5168	5.3	14
14	Mineral dust and carbonaceous aerosols in West Africa: Source assessment and characterization. <i>Atmospheric Environment</i> , 2011 , 45, 3742-3749	5.3	13
13	Atmospherically-promoted photosynthetic activity in a well-mixed ecosystem: Significance of wet deposition events of nitrogen compounds. <i>Estuarine, Coastal and Shelf Science</i> , 2006 , 69, 449-458	2.9	12
12	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
11	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
10	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
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	Analysis of the Stable Isotope Ratios (O/O, O/O, and D/H) in Glacier Water by Laser Spectrometry. <i>Analytical Chemistry</i> , 2020 , 92, 4512-4517	7.8	2
7	Characterization and source apportionment of single particles from metalworking activities. <i>Environmental Pollution</i> , 2021 , 270, 116078	9.3	2
6	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
5	Application of single particle analysis performed by SEM-EDX to air quality studies. <i>Journal of Physics: Conference Series</i> , 2008 , 126, 012007	0.3	1

4	The lead content of atmospheric aerosols above the eastern channel: seasonal variability and solubility in a coastal seawater 1998 , 317-332		1
3	Development and Characterization of a Time-Sequenced Cascade Impactor: Application to Transient PM2.5 Pollution Events in Urbanized and Industrialized Environments. <i>Atmosphere</i> , 2022 , 13, 244	2.7	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	An atmospheric lead source-areas apportionment study in Europe. <i>European Physical Journal Special Topics</i> , 2003 , 107, 487-490		