Pascal Rp Flament

List of Publications by Year in Descending Order

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	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	2.7	0
38	Laboratory study of iron isotope fractionation during dissolution of mineral dust and industrial ash in simulated cloud water.. *Chemosphere*, **2022**, 134472	8.4	0
37	Characterization and source apportionment of single particles from metalworking activities. *Environmental Pollution*, **2021**, 270, 116078	9.3	2
36	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	5.3	3
35	Non-exhaust particle emissions under various driving conditions: Implications for sustainable mobility. *Transportation Research, Part D: Transport and Environment*, **2020**, 81, 102290	6.4	17
34	Impact of Sea Breeze Dynamics on Atmospheric Pollutants and Their Toxicity in Industrial and Urban Coastal Environments. *Remote Sensing*, **2020**, 12, 648	5	7
33	Analysis of the Stable Isotope Ratios (O/O, O/O, and D/H) in Glacier Water by Laser Spectrometry. *Analytical Chemistry*, **2020**, 92, 4512-4517	7.8	2
32	Investigation on the near-field evolution of industrial plumes from metalworking activities. *Science of the Total Environment*, **2019**, 668, 443-456	10.2	14
31	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	3.8	7
30	Metal-bearing fine particle sources in a coastal industrialized environment. *Atmospheric Research*, **2017**, 183, 202-211	5.4	21
29	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	9.3	18
28	Review of pollutant lead decline in urban air and human blood: A case study from northwestern Europe. *Comptes Rendus - Geoscience*, **2015**, 347, 247-256	1.4	9
27	Fine and Ultrafine Particles in the Vicinity of Industrial Activities: A Review. *Critical Reviews in Environmental Science and Technology*, **2015**, 45, 2305-2356	11.1	40
26	Bioaccessibility of trace elements in fine and ultrafine atmospheric particles in an industrial environment. *Environmental Geochemistry and Health*, **2015**, 37, 875-89	4.7	33
25	The BLLAST field experiment: Boundary-Layer Late Afternoon and Sunset Turbulence. *Atmospheric Chemistry and Physics*, **2014**, 14, 10931-10960	6.8	126
24	Size-distributed metallic elements in submicronic and ultrafine atmospheric particles from urban and industrial areas in northern France. *Atmospheric Research*, **2014**, 135-136, 35-47	5.4	71
23	Fe and Mn oxidation states by TEM-EELS in fine-particle emissions from a Fe-Mn alloy making plant. *Environmental Science & Technology*, **2013**, 47, 10832-40	10.3	32

22	Fast changes in chemical composition and size distribution of fine particles during the near-field transport of industrial plumes. *Science of the Total Environment*, **2012**, 427-428, 126-38	10.2	44
21	Red-ox speciation and mixing state of iron in individual African dust particles. *Journal of Geophysical Research*, **2012**, 117, n/a-n/a		21
20	Mineral dust and carbonaceous aerosols in West Africa: Source assessment and characterization. *Atmospheric Environment*, **2011**, 45, 3742-3749	5.3	13
19	Mixing state of aerosols and direct observation of carbonaceous and marine coatings on African dust by individual particle analysis. *Journal of Geophysical Research*, **2010**, 115,		55
18	Development of Time-Resolved Description of Aerosol Properties at the Particle Scale During an Episode of Industrial Pollution Plume. *Water, Air, and Soil Pollution*, **2010**, 209, 93-107	2.6	29
17	Zn isotope study of atmospheric emissions and dry depositions within a 5 km radius of a Pb□n refinery. *Atmospheric Environment*, **2009**, 43, 1265-1272	5.3	106
16	Iron isotopic fractionation in industrial emissions and urban aerosols. *Chemosphere*, **2008**, 73, 1793-8	8.4	40
15	Application of single particle analysis performed by SEM-EDX to air quality studies. *Journal of Physics: Conference Series*, **2008**, 126, 012007	0.3	1
14	Evaluation of quantitative procedures for X-ray microanalysis of environmental particles. *Microscopy Research and Technique*, **2007**, 70, 996-1002	2.8	20
13	Single-particle analysis of atmospheric aerosols at Cape Gris-Nez, English Channel: Influence of steel works on iron apportionment. *Atmospheric Environment*, **2007**, 41, 2820-2830	5.3	41
12	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	2.9	12
11	Fast evolution of tropospheric Pb- and Zn-rich particles in the vicinity of a lead smelter. *Atmospheric Environment*, **2006**, 40, 4439-4449	5.3	43
10	Quantitative determination of low-Z elements in single atmospheric particles on boron substrates by automated scanning electron microscopy-energy-dispersive X-ray spectrometry. *Analytical Chemistry*, **2005**, 77, 5686-92	7.8	46
9	Evidencing lead deposition at the urban scale using □hort-lived□sotopic signatures of the source term (Pb□n refinery). *Atmospheric Environment*, **2004**, 38, 5157-5168	5.3	14
8	Cd, Cu, Pb and Zn Concentrations in Atmospheric Wet Deposition at a Coastal Station in Western Europe. *Water, Air, and Soil Pollution*, **2004**, 151, 335-359	2.6	38
7	An atmospheric lead source-areas apportionment study in Europe. *European Physical Journal Special Topics*, **2003**, 107, 487-490		
6	European isotopic signatures for lead in atmospheric aerosols: a source apportionment based upon 206Pb/207Pb ratios. *Science of the Total Environment*, **2002**, 296, 35-57	10.2	77
5	Isotopic evidence of pollutant lead sources in Northwestern France. *Atmospheric Environment*, **1999**, 33, 3377-3388	5.3	143

4	Assessment of pollution aerosols sources above the Straits of Dover using lead isotope geochemistry. *Science of the Total Environment*, **1999**, 236, 57-74	10.2	36
3	The lead content of atmospheric aerosols above the eastern channel: seasonal variability and solubility in a coastal seawater. *Hydrobiologia*, **1998**, 373/374, 317-332	2.4	1
2	The lead content of atmospheric aerosols above the eastern channel: seasonal variability and solubility in a coastal seawater **1998**, 317-332		1
1	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	10.2	19