

Teresa Moreno

List of Publications by Year in descending order

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169
papers

13,079
citations

20817

60
h-index

26613

107
g-index

182
all docs

182
docs citations

182
times ranked

12317
citing authors

#	ARTICLE	IF	CITATIONS
1	A European aerosol phenomenology â€“ 3: Physical and chemical characteristics of particulate matter from 60 rural, urban, and kerbside sites across Europe. <i>Atmospheric Environment</i> , 2010, 44, 1308-1320.	4.1	654
2	Association between Traffic-Related Air Pollution in Schools and Cognitive Development in Primary School Children: A Prospective Cohort Study. <i>PLoS Medicine</i> , 2015, 12, e1001792.	8.4	399
3	Source origin of trace elements in PM from regional background, urban and industrial sites of Spain. <i>Atmospheric Environment</i> , 2007, 41, 7219-7231.	4.1	396
4	Spatial and chemical patterns of PM10 in road dust deposited in urban environment. <i>Atmospheric Environment</i> , 2009, 43, 1650-1659.	4.1	387
5	Environmental, physical and structural characterisation of geopolymer matrixes synthesised from coal (co-)combustion fly ashes. <i>Journal of Hazardous Materials</i> , 2008, 154, 175-183.	12.4	375
6	African dust contributions to mean ambient PM10 mass-levels across the Mediterranean Basin. <i>Atmospheric Environment</i> , 2009, 43, 4266-4277.	4.1	375
7	Geochemical variations in aeolian mineral particles from the Saharaâ€“Sahel Dust Corridor. <i>Chemosphere</i> , 2006, 65, 261-270.	8.2	330
8	New considerations for PM, Black Carbon and particle number concentration for air quality monitoring across different European cities. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 6207-6227.	4.9	317
9	Urban air quality: The challenge of traffic non-exhaust emissions. <i>Journal of Hazardous Materials</i> , 2014, 275, 31-36.	12.4	314
10	Sources and variability of inhalable road dust particles in three European cities. <i>Atmospheric Environment</i> , 2011, 45, 6777-6787.	4.1	294
11	Spatial and temporal variations in airborne particulate matter (PM10 and PM2.5) across Spain 1999â€“2005. <i>Atmospheric Environment</i> , 2008, 42, 3964-3979.	4.1	287
12	Environmental characterization of burnt coal gangue banks at Yangquan, Shanxi Province, China. <i>International Journal of Coal Geology</i> , 2008, 75, 93-104.	5.0	266
13	Child exposure to indoor and outdoor air pollutants in schools in Barcelona, Spain. <i>Environment International</i> , 2014, 69, 200-212.	10.0	243
14	Source apportionment of PM10 and PM2.5 at multiple sites in the strait of Gibraltar by PMF: impact of shipping emissions. <i>Environmental Science and Pollution Research</i> , 2011, 18, 260-269.	5.3	238
15	Chemical Tracers of Particulate Emissions from Commercial Shipping. <i>Environmental Science & Technology</i> , 2009, 43, 7472-7477.	10.0	227
16	Health effects from Sahara dust episodes in Europe: Literature review and research gaps. <i>Environment International</i> , 2012, 47, 107-114.	10.0	194
17	Variability of levels and composition of PM ₁₀ and PM _{2.5} in the Barcelona metro system. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 5055-5076.	4.9	173
18	Variations in vanadium, nickel and lanthanoid element concentrations in urban air. <i>Science of the Total Environment</i> , 2010, 408, 4569-4579.	8.0	163

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19	Recreational atmospheric pollution episodes: Inhalable metalliferous particles from firework displays. <i>Atmospheric Environment</i> , 2007, 41, 913-922.	4.1	158
20	Sources of indoor and outdoor PM _{2.5} concentrations in primary schools. <i>Science of the Total Environment</i> , 2014, 490, 757-765.	8.0	153
21	Assessment of personal exposure to particulate air pollution during commuting in European cities—Recommendations and policy implications. <i>Science of the Total Environment</i> , 2014, 490, 785-797.	8.0	145
22	Influence of soil cover on reducing the environmental impact of spontaneous coal combustion in coal waste gobs: A review and new experimental data. <i>International Journal of Coal Geology</i> , 2011, 85, 2-22.	5.0	142
23	Subway platform air quality: Assessing the influences of tunnel ventilation, train piston effect and station design. <i>Atmospheric Environment</i> , 2014, 92, 461-468.	4.1	141
24	Exposure to airborne particulate matter in the subway system. <i>Science of the Total Environment</i> , 2015, 511, 711-722.	8.0	140
25	Factors controlling air quality in different European subway systems. <i>Environmental Research</i> , 2016, 146, 35-46.	7.5	138
26	Urban air quality comparison for bus, tram, subway and pedestrian commutes in Barcelona. <i>Environmental Research</i> , 2015, 142, 495-510.	7.5	136
27	Engineering in direct synthesis of hydrogen peroxide: targets, reactors and guidelines for operational conditions. <i>Green Chemistry</i> , 2014, 16, 2320.	9.0	131
28	Biomass burning contributions to urban aerosols in a coastal Mediterranean City. <i>Science of the Total Environment</i> , 2012, 427-428, 175-190.	8.0	130
29	Variations in atmospheric PM trace metal content in Spanish towns: Illustrating the chemical complexity of the inorganic urban aerosol cocktail. <i>Atmospheric Environment</i> , 2006, 40, 6791-6803.	4.1	126
30	2001–2012 trends on air quality in Spain. <i>Science of the Total Environment</i> , 2014, 490, 957-969.	8.0	123
31	Tracing surface and airborne SARS-CoV-2 RNA inside public buses and subway trains. <i>Environment International</i> , 2021, 147, 106326.	10.0	119
32	Health impact assessment of a reduction in ambient PM _{2.5} levels in Spain. <i>Environment International</i> , 2011, 37, 342-348.	10.0	118
33	Trace element variation in size-fractionated African desert dusts. <i>Journal of Arid Environments</i> , 2008, 72, 1034-1045.	2.4	117
34	A new look at inhalable metalliferous airborne particles on rail subway platforms. <i>Science of the Total Environment</i> , 2015, 505, 367-375.	8.0	116
35	Urban NH ₃ levels and sources in a Mediterranean environment. <i>Atmospheric Environment</i> , 2012, 57, 153-164.	4.1	115
36	An introductory TEM study of Fe-nanominerals within coal fly ash. <i>Science of the Total Environment</i> , 2009, 407, 4972-4974.	8.0	108

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37	Size and time-resolved roadside enrichment of atmospheric particulate pollutants. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 2917-2931.	4.9	104
38	Daily and hourly sourcing of metallic and mineral dust in urban air contaminated by traffic and coal-burning emissions. <i>Atmospheric Environment</i> , 2013, 68, 33-44.	4.1	104
39	Variability of carbonaceous aerosols in remote, rural, urban and industrial environments in Spain: implications for air quality policy. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 6185-6206.	4.9	104
40	Variations of urban aerosols in the western Mediterranean. <i>Atmospheric Environment</i> , 2008, 42, 9052-9062.	4.1	102
41	Outdoor infiltration and indoor contribution of UFP and BC, OC, secondary inorganic ions and metals in PM _{2.5} in schools. <i>Atmospheric Environment</i> , 2015, 106, 129-138.	4.1	100
42	Origin of inorganic and organic components of PM _{2.5} in subway stations of Barcelona, Spain. <i>Environmental Pollution</i> , 2016, 208, 125-136.	7.5	95
43	Geochemistry of regional background aerosols in the Western Mediterranean. <i>Atmospheric Research</i> , 2009, 94, 422-435.	4.1	92
44	Variations in time and space of trace metal aerosol concentrations in urban areas and their surroundings. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 9415-9430.	4.9	89
45	Physicochemical characterization and sources of the thoracic fraction of road dust in a Latin American megacity. <i>Science of the Total Environment</i> , 2019, 652, 434-446.	8.0	88
46	Lanthanoid Geochemistry of Urban Atmospheric Particulate Matter. <i>Environmental Science & Technology</i> , 2008, 42, 6502-6507.	10.0	84
47	Ge distribution in the Wulantuga high-germanium coal deposit in the Shengli coalfield, Inner Mongolia, northeastern China. <i>International Journal of Coal Geology</i> , 2009, 78, 16-26.	5.0	82
48	Lessons from the COVID-19 air pollution decrease in Spain: Now what?. <i>Science of the Total Environment</i> , 2021, 779, 146380.	8.0	80
49	Identification of FCC refinery atmospheric pollution events using lanthanoid- and vanadium-bearing aerosols. <i>Atmospheric Environment</i> , 2008, 42, 7851-7861.	4.1	79
50	Evidence of biomass burning aerosols in the Barcelona urban environment during winter time. <i>Atmospheric Environment</i> , 2013, 72, 81-88.	4.1	76
51	Trace element fractionation between PM ₁₀ and PM _{2.5} in coal mine dust: Implications for occupational respiratory health. <i>International Journal of Coal Geology</i> , 2019, 203, 52-59.	5.0	76
52	A multidisciplinary approach to characterise exposure risk and toxicological effects of PM ₁₀ and PM _{2.5} samples in urban environments. <i>Ecotoxicology and Environmental Safety</i> , 2012, 78, 327-335.	6.0	75
53	Emission factors from road dust resuspension in a Mediterranean freeway. <i>Atmospheric Environment</i> , 2012, 61, 580-587.	4.1	73
54	Particle-induced oxidative damage is ameliorated by pulmonary antioxidants. <i>Free Radical Biology and Medicine</i> , 2002, 32, 898-905.	2.9	72

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55	Effect of fireworks events on urban background trace metal aerosol concentrations: Is the cocktail worth the show?. Journal of Hazardous Materials, 2010, 183, 945-949.	12.4	69
56	Overview on the occurrence of microplastics in air and implications from the use of face masks during the COVID-19 pandemic. Science of the Total Environment, 2021, 800, 149555.	8.0	66
57	African dust and air quality over Spain: Is it only dust that matters?. Science of the Total Environment, 2019, 686, 737-752.	8.0	65
58	Perspectives on processing of high value lipids using supercritical fluids. Journal of Supercritical Fluids, 2018, 134, 260-268.	3.2	64
59	Oxidative potential of subway PM 2.5. Atmospheric Environment, 2017, 148, 230-238.	4.1	63
60	COVID-19 face masks: A new source of human and environmental exposure to organophosphate esters. Environment International, 2021, 154, 106654.	10.0	63
61	Characterisation of aerosol particulate matter from urban and industrial environments: examples from Cardiff and Port Talbot, South Wales, UK. Science of the Total Environment, 2004, 334-335, 337-346.	8.0	62
62	Deposition of aerosol particles from a subway microenvironment in the human respiratory tract. Journal of Aerosol Science, 2015, 90, 103-113.	3.8	62
63	Effect of ventilation strategies and air purifiers on the children's exposure to airborne particles and gaseous pollutants in school gyms. Science of the Total Environment, 2020, 712, 135673.	8.0	61
64	Effectiveness of commercial face masks to reduce personal PM exposure. Science of the Total Environment, 2019, 650, 1582-1590.	8.0	59
65	Evaluating urban PM10 pollution benefit induced by street cleaning activities. Atmospheric Environment, 2009, 43, 4472-4480.	4.1	58
66	Extraction of cannabinoids from hemp (Cannabis sativa L.) using high pressure solvents: An overview of different processing options. Journal of Supercritical Fluids, 2020, 161, 104850.	3.2	57
67	The geology of ambient aerosols: characterising urban and rural/coastal silicate PM10 and PM2.5 using high-volume cascade collection and scanning electron microscopy. Atmospheric Environment, 2003, 37, 4265-4276.	4.1	56
68	Preferential Fractionation of Trace Metals and Metalloids into PM10 Resuspended from Contaminated Gold Mine Tailings at Rodalquilar, Spain. Water, Air, and Soil Pollution, 2007, 179, 93-105.	2.4	55
69	Air quality modeling and mortality impact of fine particles reduction policies in Spain. Environmental Research, 2014, 128, 15-26.	7.5	55
70	Geochemistry of PM10 over Europe during the EMEP intensive measurement periods in summer 2012 and winter 2013. Atmospheric Chemistry and Physics, 2016, 16, 6107-6129.	4.9	54
71	Distribution of trace elements in particle size fractions for contaminated soils by a copper smelting from different zones of the Puchuncaví Valley (Chile). Chemosphere, 2014, 111, 513-521.	8.2	52
72	Nanoparticulate mineral matter from basalt dust wastes. Chemosphere, 2016, 144, 2013-2017.	8.2	52

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73	Mineralogy, geochemistry and toxicity of size-segregated respirable deposited dust in underground coal mines. <i>Journal of Hazardous Materials</i> , 2020, 399, 122935.	12.4	52
74	Road dust contribution to PM levels – Evaluation of the effectiveness of street washing activities by means of Positive Matrix Factorization. <i>Atmospheric Environment</i> , 2011, 45, 2193-2201.	4.1	51
75	Oxidative properties of ambient PM _{2.5} and elemental composition: Heterogeneous associations in 19 European cities. <i>Atmospheric Environment</i> , 2009, 43, 4595-4602.	4.1	50
76	Identification of technical problems affecting performance of DustTrak DRX aerosol monitors. <i>Science of the Total Environment</i> , 2017, 584-585, 849-855.	8.0	50
77	Concentrations, sources and geochemistry of airborne particulate matter at a major European airport. <i>Journal of Environmental Monitoring</i> , 2010, 12, 854.	2.1	49
78	The effect of ventilation protocols on airborne particulate matter in subway systems. <i>Science of the Total Environment</i> , 2017, 584-585, 1317-1323.	8.0	49
79	Size fractionation in mercury-bearing airborne particles (HgPM ₁₀) at Almad�n, Spain: Implications for inhalation hazards around old mines. <i>Atmospheric Environment</i> , 2005, 39, 6409-6419.	4.1	47
80	Vehicle interior air quality conditions when travelling by taxi. <i>Environmental Research</i> , 2019, 172, 529-542.	7.5	46
81	Airborne particles produced during enamel cleanup after removal of orthodontic appliances. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2003, 124, 683-686.	1.7	45
82	Bioaerosols in the Barcelona subway system. <i>Indoor Air</i> , 2017, 27, 564-575.	4.3	45
83	Phenomenology of high-ozone episodes in NE Spain. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2817-2838.	4.9	45
84	Aerosol sources in subway environments. <i>Environmental Research</i> , 2018, 167, 314-328.	7.5	45
85	Size distribution and chemical composition of metalliferous stack emissions in the San Roque petroleum refinery complex, southern Spain. <i>Journal of Hazardous Materials</i> , 2011, 190, 713-722.	12.4	44
86	Effects of Road Dust Suppressants on PM Levels in a Mediterranean Urban Area. <i>Environmental Science & Technology</i> , 2014, 48, 8069-8077.	10.0	44
87	Platiniferous chromitite and the tectonic setting of ultramafic rocks in Cabo Ortegal, NW Spain. <i>Journal of the Geological Society</i> , 2001, 158, 601-614.	2.1	43
88	Nutritional characteristics of veal from weaned and unweaned calves: Discriminatory ability of the fat profile. <i>Meat Science</i> , 2006, 73, 209-217.	5.5	42
89	Peculiarities in atmospheric particle number and size-resolved speciation in an urban area in the western Mediterranean: Results from the DAURE campaign. <i>Atmospheric Environment</i> , 2011, 45, 5282-5293.	4.1	42
90	Exotic dust incursions into central Spain: Implications for legislative controls on atmospheric particulates. <i>Atmospheric Environment</i> , 2005, 39, 6109-6120.	4.1	41

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91	The identification of metallic elements in airborne particulate matter derived from fossil fuels at Puertollano, Spain. International Journal of Coal Geology, 2007, 71, 122-128.	5.0	41
92	Variations in the source, metal content and bioreactivity of technogenic aerosols: a case study from Port Talbot, Wales, UK. Science of the Total Environment, 2004, 333, 59-73.	8.0	40
93	Manganese in the urban atmosphere: identifying anomalous concentrations and sources. Environmental Science and Pollution Research, 2011, 18, 173-183.	5.3	40
94	Comprehensive evaluation of potential coal mine dust emissions in an open-pit coal mine in Northwest China. International Journal of Coal Geology, 2021, 235, 103677.	5.0	40
95	The spatial and temporal variations in PM10 mass from six UK homes. Science of the Total Environment, 2004, 324, 41-53.	8.0	37
96	Quantitative Raman determination of hydrogen peroxide using the solvent as internal standard: Online application in the direct synthesis of hydrogen peroxide. Chemical Engineering Journal, 2011, 166, 1061-1065.	12.7	37
97	Spray Drying Formulation of Polyphenols-Rich Grape Marc Extract: Evaluation of Operating Conditions and Different Natural Carriers. Food and Bioprocess Technology, 2016, 9, 2046-2058.	4.7	37
98	Modelling Saharan dust transport into the Mediterranean basin with CMAQ. Atmospheric Environment, 2013, 70, 337-350.	4.1	35
99	Physicochemical variations in atmospheric aerosols recorded at sea onboard the Atlanticâ€“Mediterranean 2008 Scholar Ship cruise (Part II): Natural versus anthropogenic influences revealed by PM10 trace element geochemistry. Atmospheric Environment, 2010, 44, 2563-2576.	4.1	34
100	Assessing the Performance of Methods to Detect and Quantify African Dust in Airborne Particulates. Environmental Science & Technology, 2010, 44, 8814-8820.	10.0	34
101	Daily and hourly chemical impact of springtime transboundary aerosols on Japanese air quality. Atmospheric Chemistry and Physics, 2013, 13, 1411-1424.	4.9	34
102	Cannabinoid Decarboxylation: A Comparative Kinetic Study. Industrial & Engineering Chemistry Research, 2020, 59, 20307-20315.	3.7	34
103	The physicochemical characterisation of microscopic airborne particles in south Wales: A review of the locations and methodologies. Science of the Total Environment, 2006, 360, 43-59.	8.0	33
104	Size distribution and chemical composition of particulate matter stack emissions in and around a copper smelter. Atmospheric Environment, 2014, 98, 271-282.	4.1	33
105	Road Dust Emission Sources and Assessment of Street Washing Effect. Aerosol and Air Quality Research, 2014, 14, 734-743.	2.1	33
106	Monitoring of heavy metal concentrations in home outdoor air using moss bags. Environmental Pollution, 2011, 159, 954-962.	7.5	31
107	Anionic groups on cellulosic fiber surfaces investigated by XPS, FTIR-ATR, and different sorption methods. Journal of Colloid and Interface Science, 2005, 290, 383-391.	9.4	30
108	Direct synthesis of hydrogen peroxide in methanol and water using scCO ₂ and N ₂ as diluents. Green Chemistry, 2010, 12, 282-289.	9.0	30

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109	Fatty acid composition of M. Longissimus dorsi from Holsteinâ€“Friesian steers of New Zealand and European/American descent and from Belgian Blueâ€“Holsteinâ€“Friesian steers, slaughtered at two weights/ages. Meat Science, 2008, 78, 157-169.	5.5	29
110	Supercritical antisolvent precipitation of polyphenols from grape marc extract. Journal of Supercritical Fluids, 2016, 118, 54-63.	3.2	29
111	Factors controlling particle number concentration and size at metro stations. Atmospheric Environment, 2017, 156, 169-181.	4.1	29
112	Storage stability and simulated gastrointestinal release of spray dried grape marc phenolics. Food and Bioproducts Processing, 2018, 112, 96-107.	3.6	29
113	PM source apportionment and trace metallic aerosol affinities during atmospheric pollution episodes: a case study from Puertollano, Spain. Journal of Environmental Monitoring, 2006, 8, 1060-1068.	2.1	28
114	Variations in school playground and classroom atmospheric particulate chemistry. Atmospheric Environment, 2014, 91, 162-171.	4.1	28
115	Presenting SAPUSS: Solving Aerosol Problem by Using Synergistic Strategies in Barcelona, Spain. Atmospheric Chemistry and Physics, 2013, 13, 8991-9019.	4.9	27
116	Source apportionment for contaminated soils using multivariate statistical methods. Chemometrics and Intelligent Laboratory Systems, 2014, 138, 127-132.	3.5	27
117	Airborne microplastic particle concentrations and characterization in indoor urban microenvironments. Environmental Pollution, 2022, 308, 119707.	7.5	27
118	Natural versus anthropogenic inhalable aerosol chemistry of transboundary East Asian atmospheric outflows into western Japan. Science of the Total Environment, 2012, 424, 182-192.	8.0	26
119	Improving air quality in subway systems: An overview. Environmental Pollution, 2018, 239, 829-831.	7.5	26
120	Origin and speciation of major and trace PM elements in the Barcelona subway system. Transportation Research, Part D: Transport and Environment, 2019, 72, 17-35.	6.8	25
121	Airborne particulate matter and premature deaths in urban Europe: the new WHO guidelines and the challenge ahead as illustrated by Spain. European Journal of Epidemiology, 2007, 22, 1-5.	5.7	24
122	Controls on hourly variations in urban background air pollutant concentrations. Atmospheric Environment, 2009, 43, 4178-4186.	4.1	24
123	Identification of chemical tracers in the characterisation and source apportionment of inhalable inorganic airborne particles: an overview. Biomarkers, 2009, 14, 17-22.	1.9	23
124	Profiling transient daytime peaks in urban air pollutants: city centre traffic hotspot versus urban background concentrations. Journal of Environmental Monitoring, 2009, 11, 1535.	2.1	23
125	Direct synthesis of H ₂ O ₂ in methanol at low pressures over Pd/C catalyst: Semi-continuous process. Applied Catalysis A: General, 2010, 386, 28-33.	4.3	23
126	The influence of lifestyle on airborne particle surface area doses received by different Western populations. Environmental Pollution, 2018, 232, 113-122.	7.5	23

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127	Spatial and temporal variations in inhalable CuZnPb aerosols within the Mexico City pollution plume. <i>Journal of Environmental Monitoring</i> , 2008, 10, 370.	2.1	22
128	Effect of weaning status on animal performance and meat quality of Rubia Gallega calves. <i>Meat Science</i> , 2010, 86, 832-838.	5.5	22
129	Implementation of road dust resuspension in air quality simulations of particulate matter in Madrid (Spain). <i>Frontiers in Environmental Science</i> , 2015, 3, .	3.3	22
130	Physico-chemical characterization of playground sand dust, inhalable and bioaccessible fractions. <i>Chemosphere</i> , 2018, 190, 454-462.	8.2	22
131	Evaluation of the Semi-Continuous OCEC analyzer performance with the EUSAAR2 protocol. <i>Science of the Total Environment</i> , 2020, 747, 141266.	8.0	22
132	Controlling influences on daily fluctuations of inhalable particles and gas concentrations: Local versus regional and exotic atmospheric pollutants at Puertollano, Spain. <i>Atmospheric Environment</i> , 2006, 40, 3207-3218.	4.1	21
133	Decomposition reaction of H ₂ O ₂ over Pd/C catalyst in an aqueous medium at high pressure: Detailed kinetic study and modelling. <i>Journal of Supercritical Fluids</i> , 2011, 57, 227-235.	3.2	19
134	Organophosphate esters in airborne particles from subway stations. <i>Science of the Total Environment</i> , 2021, 769, 145105.	8.0	19
135	Uncatalysed wet oxidation of d-glucose with hydrogen peroxide and its combination with hydrothermal electrolysis. <i>Carbohydrate Research</i> , 2012, 349, 33-38.	2.3	18
136	Origin of polycyclic aromatic hydrocarbons and other organic pollutants in the air particles of subway stations in Barcelona. <i>Science of the Total Environment</i> , 2018, 642, 148-154.	8.0	18
137	Vertical and horizontal fall-off of black carbon and NO ₂ within urban blocks. <i>Science of the Total Environment</i> , 2019, 686, 236-245.	8.0	18
138	Assessment of the variability of atmospheric pollution in National Parks of mainland Spain. <i>Atmospheric Environment</i> , 2016, 132, 332-344.	4.1	17
139	Anthropogenic versus mineral aerosols in the stimulation of microbial planktonic communities in coastal waters of the northwestern Mediterranean Sea. <i>Science of the Total Environment</i> , 2017, 574, 553-568.	8.0	17
140	Spatio-temporal patterns of high summer ozone events in the Madrid Basin, Central Spain. <i>Atmospheric Environment</i> , 2018, 185, 207-220.	4.1	17
141	How can ventilation be improved on public transportation buses? Insights from CO ₂ measurements. <i>Environmental Research</i> , 2022, 205, 112451.	7.5	17
142	Within-city contrasts in PM composition and sources and their relationship with nitrogen oxides. <i>Journal of Environmental Monitoring</i> , 2012, 14, 2718.	2.1	15
143	Variation of PM _{2.5} concentrations in relation to street washing activities. <i>Atmospheric Environment</i> , 2012, 54, 465-469.	4.1	14
144	Formation and alteration of airborne particles in the subway environment. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 59-64.	3.5	14

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145	The effect of grazing on the fatty acid profile of longissimus thoracis muscle in Galician Blond calves. <i>Animal</i> , 2007, 1, 1227-1235.	3.3	13
146	Bedrock controls on the mineralogy and chemistry of PM10 extracted from Australian desert sediments. <i>Environmental Geology</i> , 2009, 57, 411-420.	1.2	13
147	Tectonomagmatism in continental arcs: evidence from the Sark arc complex. <i>Tectonophysics</i> , 2002, 352, 185-201.	2.2	11
148	Chemistry and particle size distribution of respirable coal dust in underground mines in Central Eastern Europe. <i>International Journal of Coal Science and Technology</i> , 2022, 9, 1.	6.0	11
149	An evaluation of mass, number concentration, chemical composition and types of particles in a cafeteria before and after the passage of an antismoking law. <i>Particuology</i> , 2013, 11, 527-532.	3.6	10
150	Trace element fractionation processes in resuspended mineral aerosols extracted from Australian continental surface materials. <i>Soil Research</i> , 2008, 46, 128.	1.1	10
151	Physicochemical variations in atmospheric aerosols recorded at sea onboard the Atlanticâ€“Mediterranean 2008 Scholar Ship cruise (Part I): Particle mass concentrations, size ratios, and main chemical components. <i>Atmospheric Environment</i> , 2010, 44, 2552-2562.	4.1	9
152	Supercritical CO ₂ Extraction of 1â€“Butanol and Acetone from Aqueous Solutions Using a Hollowâ€“Fiber Membrane Contactor. <i>Chemical Engineering and Technology</i> , 2014, 37, 1861-1872.	1.5	9
153	Road traffic and sandy playground influence on ambient pollutants in schools. <i>Atmospheric Environment</i> , 2015, 111, 94-102.	4.1	9
154	Using miniaturised scanning mobility particle sizers to observe size distribution patterns of quasi-ultrafine aerosols inhaled during city commuting. <i>Environmental Research</i> , 2020, 191, 109978.	7.5	9
155	Aerosol transmission of human pathogens: From miasmata to modern viral pandemics and their preservation potential in the Anthropocene record. <i>Geoscience Frontiers</i> , 2022, 13, 101282.	8.4	9
156	Geochemistry and oxidative potential of the respirable fraction of powdered mined Chinese coals. <i>Science of the Total Environment</i> , 2021, 800, 149486.	8.0	9
157	Chemistry and sources of PM2.5 and volatile organic compounds breathed inside urban commuting and tourist buses. <i>Atmospheric Environment</i> , 2020, 223, 117234.	4.1	8
158	New Directions: Legislative considerations for controlling exposure to atmospheric aerosols in rural areas. <i>Atmospheric Environment</i> , 2008, 42, 8979-8984.	4.1	5
159	Extraction of hemp seed using near-critical CO ₂ , propane and dimethyl ether. <i>Journal of Supercritical Fluids</i> , 2021, 173, 105218.	3.2	5
160	High-energy forage feeding diets and body condition on the finishing of cull dairy cows. <i>Animal</i> , 2012, 6, 1634-1641.	3.3	3
161	Open air mineral treatment operations and ambient air quality: assessment and source apportionment. <i>Journal of Environmental Monitoring</i> , 2012, 14, 2939.	2.1	3
162	Geochemical and size variations in inhalable UK airborne particles: the limitations of mass measurements. <i>Journal of the Geological Society</i> , 2004, 161, 899-902.	2.1	3

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163	Analysis of Chemical and Biological Properties. , 0, , 105-140.		2
164	Advances in Analytical and Preparative Supercritical Fluid Chromatography. Food and Nutraceutical Applications. Food Engineering Series, 2015, , 217-268.	0.7	2
165	Bioaerosols in public and tourist buses. Aerobiologia, 2021, 37, 525-541.	1.7	2
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