Teresa Moreno

List of Publications by Citations

171 papers	10,388 citations	54 h-index	97 g-index
181 ext. papers	11,801 ext. citations	7 avg, IF	5.84 L-index

#	Paper	IF	Citations
171	A European aerosol phenomenology □B: Physical and chemical characteristics of particulate matter from 60 rural, urban, and kerbside sites across Europe. *Atmospheric Environment*, **2010**, 44, 1308-1320	5.3	563
170	Spatial and chemical patterns of PM10 in road dust deposited in urban environment. *Atmospheric Environment*, **2009**, 43, 1650-1659	5.3	331
169	Source origin of trace elements in PM from regional background, urban and industrial sites of Spain. *Atmospheric Environment*, **2007**, 41, 7219-7231	5.3	330
168	African dust contributions to mean ambient PM10 mass-levels across the Mediterranean Basin. *Atmospheric Environment*, **2009**, 43, 4266-4277	5.3	318
167	Geochemical variations in aeolian mineral particles from the Sahara-Sahel Dust Corridor. *Chemosphere*, **2006**, 65, 261-70	8.4	294
166	Association between traffic-related air pollution in schools and cognitive development in primary school children: a prospective cohort study. *PLoS Medicine*, **2015**, 12, e1001792	11.6	293
165	Environmental, physical and structural characterisation of geopolymer matrixes synthesised from coal (co-)combustion fly ashes. *Journal of Hazardous Materials*, **2008**, 154, 175-83	12.8	287
164	New considerations for PM, Black Carbon and particle number concentration for air quality monitoring across different European cities. *Atmospheric Chemistry and Physics*, **2011**, 11, 6207-6227	6.8	269
163	Spatial and temporal variations in airborne particulate matter (PM10 and PM2.5) across Spain 1999□2005. *Atmospheric Environment*, **2008**, 42, 3964-3979	5.3	258
162	Sources and variability of inhalable road dust particles in three European cities. *Atmospheric Environment*, **2011**, 45, 6777-6787	5.3	234
161	Urban air quality: the challenge of traffic non-exhaust emissions. *Journal of Hazardous Materials*, **2014**, 275, 31-6	12.8	221
160	Environmental characterization of burnt coal gangue banks at Yangquan, Shanxi Province, China. *International Journal of Coal Geology*, **2008**, 75, 93-104	5.5	212
159	Child exposure to indoor and outdoor air pollutants in schools in Barcelona, Spain. *Environment International*, **2014**, 69, 200-12	12.9	190
158	Source apportionment of PM(10) and PM(2.5) at multiple sites in the strait of Gibraltar by PMF: impact of shipping emissions. *Environmental Science and Pollution Research*, **2011**, 18, 260-9	5.1	190
157	PM speciation and sources in Mexico during the MILAGRO-2006 Campaign. *Atmospheric Chemistry and Physics*, **2008**, 8, 111-128	6.8	188
156	Chemical tracers of particulate emissions from commercial shipping. *Environmental Science & Technology*, **2009**, 43, 7472-7	10.3	176
155	Health effects from Sahara dust episodes in Europe: literature review and research gaps. *Environment International*, **2012**, 47, 107-14	12.9	150

154	Variability of levels and composition of PM₁₀ and PM_{2.5} in the Barcelona metro system. *Atmospheric Chemistry and Physics*, **2012**, 12, 5055-5076	6.8	138
153	Recreational atmospheric pollution episodes: Inhalable metalliferous particles from firework displays. *Atmospheric Environment*, **2007**, 41, 913-922	5.3	132
152	Variations in vanadium, nickel and lanthanoid element concentrations in urban air. *Science of the Total Environment*, **2010**, 408, 4569-79	10.2	127
151	Sources of indoor and outdoor PM2.5 concentrations in primary schools. *Science of the Total Environment*, **2014**, 490, 757-65	10.2	119
150	Biomass burning contributions to urban aerosols in a coastal Mediterranean city. *Science of the Total Environment*, **2012**, 427-428, 175-90	10.2	113
149	Variations in atmospheric PM trace metal content in Spanish towns: Illustrating the chemical complexity of the inorganic urban aerosol cocktail. *Atmospheric Environment*, **2006**, 40, 6791-6803	5.3	109
148	Urban air quality comparison for bus, tram, subway and pedestrian commutes in Barcelona. *Environmental Research*, **2015**, 142, 495-510	7.9	105
147	Subway platform air quality: Assessing the influences of tunnel ventilation, train piston effect and station design. *Atmospheric Environment*, **2014**, 92, 461-468	5.3	105
146	Assessment of personal exposure to particulate air pollution during commuting in European cities--recommendations and policy implications. *Science of the Total Environment*, **2014**, 490, 785-97	10.2	104
145	Influence of soil cover on reducing the environmental impact of spontaneous coal combustion in coal waste gobs: A review and new experimental data. *International Journal of Coal Geology*, **2011**, 85, 2-22	5.5	104
144	An introductory TEM study of Fe-nanominerals within coal fly ash. *Science of the Total Environment*, **2009**, 407, 4972-4	10.2	103
143	Engineering in direct synthesis of hydrogen peroxide: targets, reactors and guidelines for operational conditions. *Green Chemistry*, **2014**, 16, 2320	10	101
142	Trace element variation in size-fractionated African desert dusts. *Journal of Arid Environments*, **2008**, 72, 1034-1045	2.5	101
141	Health impact assessment of a reduction in ambient PM(2.5) levels in Spain. *Environment International*, **2011**, 37, 342-8	12.9	100
140	Exposure to airborne particulate matter in the subway system. *Science of the Total Environment*, **2015**, 511, 711-22	10.2	99
139	Factors controlling air quality in different European subway systems. *Environmental Research*, **2016**, 146, 35-46	7.9	99
138	2001-2012 trends on air quality in Spain. *Science of the Total Environment*, **2014**, 490, 957-69	10.2	95
137	Variations of urban aerosols in the western Mediterranean. *Atmospheric Environment*, **2008**, 42, 9052-9062	5.3	90

136	Urban NH3 levels and sources in a Mediterranean environment. *Atmospheric Environment*, **2012**, 57, 153-164	3.9	88
135	Daily and hourly sourcing of metallic and mineral dust in urban air contaminated by traffic and coal-burning emissions. *Atmospheric Environment*, **2013**, 68, 33-44	5.3	85
134	Size and time-resolved roadside enrichment of atmospheric particulate pollutants. *Atmospheric Chemistry and Physics*, **2011**, 11, 2917-2931	6.8	84
133	Outdoor infiltration and indoor contribution of UFP and BC, OC, secondary inorganic ions and metals in PM2.5 in schools. *Atmospheric Environment*, **2015**, 106, 129-138	5.3	82
132	Variability of carbonaceous aerosols in remote, rural, urban and industrial environments in Spain: implications for air quality policy. *Atmospheric Chemistry and Physics*, **2013**, 13, 6185-6206	6.8	80
131	Effect of pasture finishing on the meat characteristics and intramuscular fatty acid profile of steers of the Rubia Gallega breed. *Meat Science*, **2004**, 67, 515-22	6.4	80
130	A new look at inhalable metalliferous airborne particles on rail subway platforms. *Science of the Total Environment*, **2015**, 505, 367-75	10.2	77
129	Lanthanoid geochemistry of urban atmospheric particulate matter. *Environmental Science & Technology*, **2008**, 42, 6502-7	10.3	77
128	Geochemistry of regional background aerosols in the Western Mediterranean. *Atmospheric Research*, **2009**, 94, 422-435	5.4	76
127	Origin of inorganic and organic components of PM2.5 in subway stations of Barcelona, Spain. *Environmental Pollution*, **2016**, 208, 125-136	9.3	74
126	Variations in time and space of trace metal aerosol concentrations in urban areas and their surroundings. *Atmospheric Chemistry and Physics*, **2011**, 11, 9415-9430	6.8	72
125	Ge distribution in the Wulantuga high-germanium coal deposit in the Shengli coalfield, Inner Mongolia, northeastern China. *International Journal of Coal Geology*, **2009**, 78, 16-26	5.5	71
124	Identification of FCC refinery atmospheric pollution events using lanthanoid- and vanadium-bearing aerosols. *Atmospheric Environment*, **2008**, 42, 7851-7861	5.3	68
123	A multidisciplinary approach to characterise exposure risk and toxicological effects of PM□and PM□samples in urban environments. *Ecotoxicology and Environmental Safety*, **2012**, 78, 327-35	7	66
122	Evidence of biomass burning aerosols in the Barcelona urban environment during winter time. *Atmospheric Environment*, **2013**, 72, 81-88	5.3	61
121	Particle-induced oxidative damage is ameliorated by pulmonary antioxidants. *Free Radical Biology and Medicine*, **2002**, 32, 898-905	7.8	61
120	Effect of fireworks events on urban background trace metal aerosol concentrations: is the cocktail worth the show?. *Journal of Hazardous Materials*, **2010**, 183, 945-9	12.8	60
119	Physicochemical characterization and sources of the thoracic fraction of road dust in a Latin American megacity. *Science of the Total Environment*, **2019**, 652, 434-446	10.2	55

118	The geology of ambient aerosols: characterising urban and rural/coastal silicate PM10−2.5 and PM2.5 using high-volume cascade collection and scanning electron microscopy. *Atmospheric Environment*, **2003**, 37, 4265-4276	5.3	54
117	Effect of finishing and ageing time on quality attributes of loin from the meat of Holstein-Fresian cull cows. *Meat Science*, **2009**, 83, 484-91	6.4	53
116	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, 337-46	10.2	53
115	Tracing surface and airborne SARS-CoV-2 RNA inside public buses and subway trains. *Environment International*, **2021**, 147, 106326	12.9	52
114	Preferential Fractionation of Trace Metals−Metalloids into PM10 Resuspended from Contaminated Gold Mine Tailings at Rodalquilar, Spain. *Water, Air, and Soil Pollution*, **2007**, 179, 93-105	2.6	50
113	Air quality modeling and mortality impact of fine particles reduction policies in Spain. *Environmental Research*, **2014**, 128, 15-26	7.9	49
112	Emission factors from road dust resuspension in a Mediterranean freeway. *Atmospheric Environment*, **2012**, 61, 580-587	5.3	48
111	Deposition of aerosol particles from a subway microenvironment in the human respiratory tract. *Journal of Aerosol Science*, **2015**, 90, 103-113	4.3	47
110	Evaluating urban PM10 pollution benefit induced by street cleaning activities. *Atmospheric Environment*, **2009**, 43, 4472-4480	5.3	47
109	Road dust contribution to PM levels−Evaluation of the effectiveness of street washing activities by means of Positive Matrix Factorization. *Atmospheric Environment*, **2011**, 45, 2193-2201	5.3	46
108	Oxidative properties of ambient PM2.5 and elemental composition: Heterogeneous associations in 19 European cities. *Atmospheric Environment*, **2009**, 43, 4595-4602	5.3	46
107	Size fractionation in mercury-bearing airborne particles (HgPM10) at Almadén, Spain: Implications for inhalation hazards around old mines. *Atmospheric Environment*, **2005**, 39, 6409-6419	5.3	46
106	Oxidative potential of subway PM2.5. *Atmospheric Environment*, **2017**, 148, 230-238	5.3	44
105	Trace element fractionation between PM10 and PM2.5 in coal mine dust: Implications for occupational respiratory health. *International Journal of Coal Geology*, **2019**, 203, 52-59	5.5	42
104	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	6.8	42
103	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, 513-21	8.4	41
102	Concentrations, sources and geochemistry of airborne particulate matter at a major European airport. *Journal of Environmental Monitoring*, **2010**, 12, 854-62		41
101	Effectiveness of commercial face masks to reduce personal PM exposure. *Science of the Total Environment*, **2019**, 650, 1582-1590	10.2	40

100	Exotic dust incursions into central Spain: Implications for legislative controls on atmospheric particulates. *Atmospheric Environment*, **2005**, 39, 6109-6120	5.3	39
99	Effects of road dust suppressants on PM levels in a Mediterranean urban area. *Environmental Science & Technology*, **2014**, 48, 8069-77	10.3	38
98	Peculiarities in atmospheric particle number and size-resolved speciation in an urban area in the western Mediterranean: Results from the DAURE campaign. *Atmospheric Environment*, **2011**, 45, 5282-5293	5.3	38
97	Platiniferous chromitite and the tectonic setting of ultramafic rocks in Cabo Ortegal, NW Spain. *Journal of the Geological Society*, **2001**, 158, 601-614	2.7	37
96	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	10.2	36
95	Size distribution and chemical composition of metalliferous stack emissions in the San Roque petroleum refinery complex, southern Spain. *Journal of Hazardous Materials*, **2011**, 190, 713-22	12.8	35
94	African dust and air quality over Spain: Is it only dust that matters?. *Science of the Total Environment* , **2019**, 686, 737-752	10.2	34
93	Manganese in the urban atmosphere: identifying anomalous concentrations and sources. *Environmental Science and Pollution Research*, **2011**, 18, 173-83	5.1	34
92	Nutritional characteristics of veal from weaned and unweaned calves: Discriminatory ability of the fat profile. *Meat Science*, **2006**, 73, 209-17	6.4	34
91	Identification of technical problems affecting performance of DustTrak DRX aerosol monitors. *Science of the Total Environment*, **2017**, 584-585, 849-855	10.2	33
90	The effect of ventilation protocols on airborne particulate matter in subway systems. *Science of the Total Environment*, **2017**, 584-585, 1317-1323	10.2	33
89	Phenomenology of high-ozone episodes in NE Spain. *Atmospheric Chemistry and Physics*, **2017**, 17, 2817-2838	5.3	33
88	Bioaerosols in the Barcelona subway system. *Indoor Air*, **2017**, 27, 564-575	5.4	32
87	Physicochemical variations in atmospheric aerosols recorded at sea onboard the Atlantic-Mediterranean 2008 Scholar Ship cruise (Part II): Natural versus anthropogenic influences revealed by PM10 trace element geochemistry. *Atmospheric Environment*, **2010**, 44, 2563-2576	5.3	32
86	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	5.5	32
85	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	14.7	31
84	Assessing the performance of methods to detect and quantify African dust in airborne particulates. *Environmental Science & Technology*, **2010**, 44, 8814-20	10.3	31
83	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	10.2	31

82	Indicators of physiological and immunological status of Litopenaeus setiferus wild populations (Crustacea, Penaeidae). *Marine Biology*, **2004**, 145, 401	2.5	31
81	Modelling Saharan dust transport into the Mediterranean basin with CMAQ. *Atmospheric Environment*, **2013**, 70, 337-350	5.3	30
80	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	10.2	30
79	Vehicle interior air quality conditions when travelling by taxi. *Environmental Research*, **2019**, 172, 529-542	7.9	29
78	Direct synthesis of hydrogen peroxide in methanol and water using scCO2 and N2 as diluents. *Green Chemistry*, **2010**, 12, 282-289	10	29
77	The spatial and temporal variations in PM10 mass from six UK homes. *Science of the Total Environment*, **2004**, 324, 41-53	10.2	29
76	Airborne particles produced during enamel cleanup after removal of orthodontic appliances. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2003**, 124, 683-6	2.1	29
75	Lessons from the COVID-19 air pollution decrease in Spain: Now what?. *Science of the Total Environment*, **2021**, 779, 146380	10.2	29
74	Aerosol sources in subway environments. *Environmental Research*, **2018**, 167, 314-328	7.9	28
73	Size distribution and chemical composition of particulate matter stack emissions in and around a copper smelter. *Atmospheric Environment*, **2014**, 98, 271-282	5.3	26
72	Daily and hourly chemical impact of springtime transboundary aerosols on Japanese air quality. *Atmospheric Chemistry and Physics*, **2013**, 13, 1411-1424	6.8	26
71	STUDY OF HYDROLYZED PROTEIN COMPOSITION, FREE AMINO ACID, AND TAURINE CONTENT IN DIFFERENT MUSCLES OF GALICIAN BLONDE BEEF. *Journal of Muscle Foods*, **2010**, 21, 769-784		26
70	Road Dust Emission Sources and Assessment of Street Washing Effect. *Aerosol and Air Quality Research*, **2014**, 14, 734-743	4.6	26
69	Variations in school playground and classroom atmospheric particulate chemistry. *Atmospheric Environment*, **2014**, 91, 162-171	5.3	25
68	Effect of supplementing different oils: linseed, sunflower and soybean, on animal performance, carcass characteristics, meat quality and fatty acid profile of veal from "Rubia Gallega" calves. *Meat Science*, **2014**, 96, 829-36	6.4	24
67	Monitoring of heavy metal concentrations in home outdoor air using moss bags. *Environmental Pollution*, **2011**, 159, 954-62	9.3	24
66	Effect of weaning status and storage time under vacuum upon physical characteristics of meat of the Rubia Gallega breed. *Meat Science*, **2006**, 73, 102-8	6.4	24
65	Natural versus anthropogenic inhalable aerosol chemistry of transboundary East Asian atmospheric outflows into western Japan. *Science of the Total Environment*, **2012**, 424, 182-92	10.2	23

64	Controls on hourly variations in urban background air pollutant concentrations. *Atmospheric Environment*, **2009**, 43, 4178-4186	5.3	23
63	Direct synthesis of H2O2 in methanol at low pressures over Pd/C catalyst: Semi-continuous process. *Applied Catalysis A: General*, **2010**, 386, 28-33	5.1	23
62	PM source apportionment and trace metallic aerosol affinities during atmospheric pollution episodes: a case study from Puertollano, Spain. *Journal of Environmental Monitoring*, **2006**, 8, 1060-8		23
61	Presenting SAPUSS: Solving Aerosol Problem by Using Synergistic Strategies in Barcelona, Spain. *Atmospheric Chemistry and Physics*, **2013**, 13, 8991-9019	6.8	22
60	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	12.1	22
59	Factors controlling particle number concentration and size at metro stations. *Atmospheric Environment*, **2017**, 156, 169-181	5.3	21
58	Mineralogy, geochemistry and toxicity of size-segregated respirable deposited dust in underground coal mines. *Journal of Hazardous Materials*, **2020**, 399, 122935	12.8	21
57	Profiling transient daytime peaks in urban air pollutants: city centre traffic hotspot versus urban background concentrations. *Journal of Environmental Monitoring*, **2009**, 11, 1535-42		21
56	Formation of a secondary platinum-group mineral assemblage in chromitites from the Herbeira ultramafic massif in Cabo Ortegal, NW Spain. *European Journal of Mineralogy*, **1999**, 11, 363-378	2.2	21
55	Identification of chemical tracers in the characterisation and source apportionment of inhalable inorganic airborne particles: an overview. *Biomarkers*, **2009**, 14 Suppl 1, 17-22	2.6	20
54	Spatial and temporal variations in inhalable CuZnPb aerosols within the Mexico City pollution plume. *Journal of Environmental Monitoring*, **2008**, 10, 370-8		20
53	Improving air quality in subway systems: An overview. *Environmental Pollution*, **2018**, 239, 829-831	9.3	19
52	Physico-chemical characterization of playground sand dust, inhalable and bioaccessible fractions. *Chemosphere*, **2018**, 190, 454-462	8.4	19
51	The influence of lifestyle on airborne particle surface area doses received by different Western populations. *Environmental Pollution*, **2018**, 232, 113-122	9.3	19
50	Decomposition reaction of H2O2 over Pd/C catalyst in an aqueous medium at high pressure: Detailed kinetic study and modelling. *Journal of Supercritical Fluids*, **2011**, 57, 227-235	4.2	19
49	Controlling influences on daily fluctuations of inhalable particles and gas concentrations: Local versus regional and exotic atmospheric pollutants at Puertollano, Spain. *Atmospheric Environment*, **2006**, 40, 3207-3218	5.3	19
48	Pulmonary antioxidants exert differential protective effects against urban and industrial particulate matter. *Journal of Biosciences*, **2003**, 28, 101-7	2.3	19
47	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	5.5	17

46	Within-city contrasts in PM composition and sources and their relationship with nitrogen oxides. *Journal of Environmental Monitoring*, **2012**, 14, 2718-28		15
45	Anthropogenic versus mineral aerosols in the stimulation of microbial planktonic communities in coastal waters of the northwestern Mediterranean Sea. *Science of the Total Environment*, **2017**, 574, 553-568	10.2	14
44	Implementation of road dust resuspension in air quality simulations of particulate matter in Madrid (Spain). *Frontiers in Environmental Science*, **2015**, 3,	4.8	14
43	COVID-19 face masks: A new source of human and environmental exposure to organophosphate esters. *Environment International*, **2021**, 154, 106654	12.9	14
42	Effect of weaning status on animal performance and meat quality of Rubia Gallega calves. *Meat Science*, **2010**, 86, 832-8	6.4	13
41	Bedrock controls on the mineralogy and chemistry of PM10 extracted from Australian desert sediments. *Environmental Geology*, **2009**, 57, 411-420		12
40	Physiological and immunological conditions of wild populations of Farfantepenaeus duorarum from the campeche sound (Crustacea, Penaeidae). *Marine Biology*, **2007**, 152, 929-938	2.5	12
39	Spatio-temporal patterns of high summer ozone events in the Madrid Basin, Central Spain. *Atmospheric Environment*, **2018**, 185, 207-220	5.3	12
38	Formation and alteration of airborne particles in the subway environment. *Environmental Sciences: Processes and Impacts*, **2017**, 19, 59-64	4.3	11
37	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	6.4	11
36	Assessment of the variability of atmospheric pollution in National Parks of mainland Spain. *Atmospheric Environment*, **2016**, 132, 332-344	5.3	11
35	Tectonomagmatism in continental arcs: evidence from the Sark arc complex. *Tectonophysics*, **2002**, 352, 185-201	3.1	11
34	Vertical and horizontal fall-off of black carbon and NO within urban blocks. *Science of the Total Environment*, **2019**, 686, 236-245	10.2	10
33	Variation of PM2.5 concentrations in relation to street washing activities. *Atmospheric Environment*, **2012**, 54, 465-469	5.3	10
32	The effect of grazing on the fatty acid profile of longissimus thoracis muscle in Galician Blond calves. *Animal*, **2007**, 1, 1227-35	3.1	10
31	Trace element fractionation processes in resuspended mineral aerosols extracted from Australian continental surface materials. *Soil Research*, **2008**, 46, 128	1.8	10
30	Evaluation of the Semi-Continuous OCEC analyzer performance with the EUSAAR2 protocol. *Science of the Total Environment*, **2020**, 747, 141266	10.2	10
29	Origin of polycyclic aromatic hydrocarbons and other organic pollutants in the air particles of subway stations in Barcelona. *Science of the Total Environment*, **2018**, 642, 148-154	10.2	9

28	An evaluation of mass, number concentration, chemical composition and types of particles in a cafeteria before and after the passage of an antismoking law. *Particuology*, **2013**, 11, 527-532	2.8	8
27	Effect of weaning status on lipids of Galician Blond veal: total fatty acids and 18:1 cis and trans isomers. *Meat Science*, **2010**, 86, 357-63	6.4	8
26	Physicochemical variations in atmospheric aerosols recorded at sea onboard the Atlantic–Mediterranean 2008 Scholar Ship cruise (Part I): Particle mass concentrations, size ratios, and main chemical components. *Atmospheric Environment*, **2010**, 44, 2552-2562	5.3	8
25	Presenting SAPUSS: solving aerosol problem by using synergistic strategies at Barcelona, Spain		7
24	Effects of weaning and finishing feeding treatment on fatty acids, especially cis and trans C18:1 isomers, in the Longissimus thoracis muscle of Galician Blond calves. *Animal*, **2011**, 5, 802-12	3.1	6
23	Effects on quality attributes of commercial veal pieces under different ageing treatments. *International Journal of Food Science and Technology*, **2007**, 42, 373-379	3.8	6
22	Road traffic and sandy playground influence on ambient pollutants in schools. *Atmospheric Environment*, **2015**, 111, 94-102	5.3	5
21	New Directions: Legislative considerations for controlling exposure to atmospheric aerosols in rural areas. *Atmospheric Environment*, **2008**, 42, 8979-8984	5.3	5
20	How can ventilation be improved on public transportation buses? Insights from CO measurements. *Environmental Research*, **2021**, 112451	7.9	5
19	Chemistry and sources of PM2.5 and volatile organic compounds breathed inside urban commuting and tourist buses. *Atmospheric Environment*, **2020**, 223, 117234	5.3	5
18	Organophosphate esters in airborne particles from subway stations. *Science of the Total Environment*, **2021**, 769, 145105	10.2	5
17	Using miniaturised scanning mobility particle sizers to observe size distribution patterns of quasi-ultrafine aerosols inhaled during city commuting. *Environmental Research*, **2020**, 191, 109978	7.9	4
16	Air Quality in Subway Systems **2018**, 289-321		3
15	PM speciation and sources in Mexico during the MILAGRO-2006 Campaign **2007**,		3
14	CHARACTERISATION OF AIRBORNE PARTICULATE MATTER AND RELATED MECHANISMS OF TOXICITY: AN EXPERIMENTAL APPROACH. *Air Pollution Reviews*, **2006**, 69-110		3
13	Aerosol transmission of human pathogens: From miasmata to modern viral pandemics and their preservation potential in the Anthropocene record. *Geoscience Frontiers*, **2021**, 101282	6	3
12	Geochemistry and oxidative potential of the respirable fraction of powdered mined Chinese coals. *Science of the Total Environment*, **2021**, 800, 149486	10.2	3
11	Open air mineral treatment operations and ambient air quality: assessment and source apportionment. *Journal of Environmental Monitoring*, **2012**, 14, 2939-51		2

List of Publications

10	High-energy forage feeding diets and body condition on the finishing of cull dairy cows. *Animal*, **2012**, 6, 1634-41	3.1	2
9	Geochemical and size variations in inhalable UK airborne particles: the limitations of mass measurements. *Journal of the Geological Society*, **2004**, 161, 899-902	2.7	2
8	Variability of levels of PM, black carbon and particle number concentration in selected European cities		2
7	Chemistry and particle size distribution of respirable coal dust in underground mines in Central Eastern Europe. *International Journal of Coal Science and Technology*, **2022**, 9, 1	4.5	2
6	Characterisation of Airborne Particulate Matter in Different European Subway Systems **2017**,		1
5	A comment on Sillanpää et al. (2003) Field and laboratory tests of a high volume cascade impactor. Journal of Aerosol Science, 34, 485–500.. *Journal of Aerosol Science*, **2007**, 38, 136-138	4.3	1
4	Daily and hourly chemical impact of springtime transboundary aerosols on Japanese air quality		1
3	Bioaerosols in public and tourist buses. *Aerobiologia*, **2021**, 37, 525-541	2.4	0
2	PARTICLE-INDUCED OXIDATIVE STRESS AND CYTOKINE RELEASE IS ATTENUATED BY LUNG ANTIOXIDANTS IN HUMAN ALVEOLAR MACROPHAGES AND TYPE 2 EPITHELIAL CELLS. *Experimental Lung Research*, **2003**, 29, 421-444	2.3	
1	Chapter 10 New Considerations for PM, Black Carbon, and Particle Number Concentration for Air Quality Monitoring Across Different European Cities **2016**, 177-218		