

Teresa Moreno

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8729401/publications.pdf>

Version: 2024-02-01

170
papers

13,207
citations

20759

60
h-index

26548

107
g-index

181
all docs

181
docs citations

181
times ranked

12180
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.	1.9	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.	3.9	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.	1.9	396
4	Spatial and chemical patterns of PM ₁₀ in road dust deposited in urban environment. <i>Atmospheric Environment</i> , 2009, 43, 1650-1659.	1.9	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.	6.5	375
6	African dust contributions to mean ambient PM ₁₀ mass-levels across the Mediterranean Basin. <i>Atmospheric Environment</i> , 2009, 43, 4266-4277.	1.9	375
7	Geochemical variations in aeolian mineral particles from the Saharaâ€“Sahel Dust Corridor. <i>Chemosphere</i> , 2006, 65, 261-270.	4.2	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.	1.9	317
9	Urban air quality: The challenge of traffic non-exhaust emissions. <i>Journal of Hazardous Materials</i> , 2014, 275, 31-36.	6.5	314
10	Sources and variability of inhalable road dust particles in three European cities. <i>Atmospheric Environment</i> , 2011, 45, 6777-6787.	1.9	294
11	Spatial and temporal variations in airborne particulate matter (PM ₁₀ and PM _{2.5}) across Spain 1999â€“2005. <i>Atmospheric Environment</i> , 2008, 42, 3964-3979.	1.9	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.	1.9	266
13	Child exposure to indoor and outdoor air pollutants in schools in Barcelona, Spain. <i>Environment International</i> , 2014, 69, 200-212.	4.8	243
14	Source apportionment of PM ₁₀ and PM _{2.5} 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.	2.7	238
15	Chemical Tracers of Particulate Emissions from Commercial Shipping. <i>Environmental Science & Technology</i> , 2009, 43, 7472-7477.	4.6	227
16	PM speciation and sources in Mexico during the MILAGRO-2006 Campaign. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 111-128.	1.9	215
17	Health effects from Sahara dust episodes in Europe: Literature review and research gaps. <i>Environment International</i> , 2012, 47, 107-114.	4.8	194
18	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.	1.9	173

#	ARTICLE	IF	CITATIONS
19	Variations in vanadium, nickel and lanthanoid element concentrations in urban air. Science of the Total Environment, 2010, 408, 4569-4579.	3.9	163
20	Recreational atmospheric pollution episodes: Inhalable metalliferous particles from firework displays. Atmospheric Environment, 2007, 41, 913-922.	1.9	158
21	Sources of indoor and outdoor PM2.5 concentrations in primary schools. Science of the Total Environment, 2014, 490, 757-765.	3.9	153
22	Assessment of personal exposure to particulate air pollution during commuting in European cities”Recommendations and policy implications. Science of the Total Environment, 2014, 490, 785-797.	3.9	145
23	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.	1.9	142
24	Subway platform air quality: Assessing the influences of tunnel ventilation, train piston effect and station design. Atmospheric Environment, 2014, 92, 461-468.	1.9	141
25	Exposure to airborne particulate matter in the subway system. Science of the Total Environment, 2015, 511, 711-722.	3.9	140
26	Factors controlling air quality in different European subway systems. Environmental Research, 2016, 146, 35-46.	3.7	138
27	Urban air quality comparison for bus, tram, subway and pedestrian commutes in Barcelona. Environmental Research, 2015, 142, 495-510.	3.7	136
28	Engineering in direct synthesis of hydrogen peroxide: targets, reactors and guidelines for operational conditions. Green Chemistry, 2014, 16, 2320.	4.6	131
29	Biomass burning contributions to urban aerosols in a coastal Mediterranean City. Science of the Total Environment, 2012, 427-428, 175-190.	3.9	130
30	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.	1.9	126
31	2001-2012 trends on air quality in Spain. Science of the Total Environment, 2014, 490, 957-969.	3.9	123
32	Tracing surface and airborne SARS-CoV-2 RNA inside public buses and subway trains. Environment International, 2021, 147, 106326.	4.8	119
33	Health impact assessment of a reduction in ambient PM2.5 levels in Spain. Environment International, 2011, 37, 342-348.	4.8	118
34	Trace element variation in size-fractionated African desert dusts. Journal of Arid Environments, 2008, 72, 1034-1045.	1.2	117
35	A new look at inhalable metalliferous airborne particles on rail subway platforms. Science of the Total Environment, 2015, 505, 367-375.	3.9	116
36	Urban NH3 levels and sources in a Mediterranean environment. Atmospheric Environment, 2012, 57, 153-164.	1.9	115

#	ARTICLE	IF	CITATIONS
37	An introductory TEM study of Fe-nanominerals within coal fly ash. <i>Science of the Total Environment</i> , 2009, 407, 4972-4974.	3.9	108
38	Size and time-resolved roadside enrichment of atmospheric particulate pollutants. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 2917-2931.	1.9	104
39	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.	1.9	104
40	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.	1.9	104
41	Variations of urban aerosols in the western Mediterranean. <i>Atmospheric Environment</i> , 2008, 42, 9052-9062.	1.9	102
42	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.	1.9	100
43	Origin of inorganic and organic components of PM _{2.5} in subway stations of Barcelona, Spain. <i>Environmental Pollution</i> , 2016, 208, 125-136.	3.7	95
44	Effect of pasture finishing on the meat characteristics and intramuscular fatty acid profile of steers of the Rubia Gallega breed. <i>Meat Science</i> , 2004, 67, 515-522.	2.7	92
45	Geochemistry of regional background aerosols in the Western Mediterranean. <i>Atmospheric Research</i> , 2009, 94, 422-435.	1.8	92
46	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.	1.9	89
47	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.	3.9	88
48	Lanthanoid Geochemistry of Urban Atmospheric Particulate Matter. <i>Environmental Science & Technology</i> , 2008, 42, 6502-6507.	4.6	84
49	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.	1.9	82
50	Lessons from the COVID-19 air pollution decrease in Spain: Now what?. <i>Science of the Total Environment</i> , 2021, 779, 146380.	3.9	80
51	Identification of FCC refinery atmospheric pollution events using lanthanoid- and vanadium-bearing aerosols. <i>Atmospheric Environment</i> , 2008, 42, 7851-7861.	1.9	79
52	Evidence of biomass burning aerosols in the Barcelona urban environment during winter time. <i>Atmospheric Environment</i> , 2013, 72, 81-88.	1.9	76
53	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.	1.9	76
54	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.	2.9	75

#	ARTICLE	IF	CITATIONS
55	Emission factors from road dust resuspension in a Mediterranean freeway. <i>Atmospheric Environment</i> , 2012, 61, 580-587.	1.9	73
56	Particle-induced oxidative damage is ameliorated by pulmonary antioxidants. <i>Free Radical Biology and Medicine</i> , 2002, 32, 898-905.	1.3	72
57	Effect of fireworks events on urban background trace metal aerosol concentrations: Is the cocktail worth the show?. <i>Journal of Hazardous Materials</i> , 2010, 183, 945-949.	6.5	69
58	Effect of finishing and ageing time on quality attributes of loin from the meat of Holstein-Friesian cull cows. <i>Meat Science</i> , 2009, 83, 484-491.	2.7	67
59	African dust and air quality over Spain: Is it only dust that matters?. <i>Science of the Total Environment</i> , 2019, 686, 737-752.	3.9	65
60	Oxidative potential of subway PM 2.5. <i>Atmospheric Environment</i> , 2017, 148, 230-238.	1.9	63
61	COVID-19 face masks: A new source of human and environmental exposure to organophosphate esters. <i>Environment International</i> , 2021, 154, 106654.	4.8	63
62	Characterisation of aerosol particulate matter from urban and industrial environments: examples from Cardiff and Port Talbot, South Wales, UK. <i>Science of the Total Environment</i> , 2004, 334-335, 337-346.	3.9	62
63	Deposition of aerosol particles from a subway microenvironment in the human respiratory tract. <i>Journal of Aerosol Science</i> , 2015, 90, 103-113.	1.8	62
64	Effect of ventilation strategies and air purifiers on the children's exposure to airborne particles and gaseous pollutants in school gyms. <i>Science of the Total Environment</i> , 2020, 712, 135673.	3.9	61
65	Effectiveness of commercial face masks to reduce personal PM exposure. <i>Science of the Total Environment</i> , 2019, 650, 1582-1590.	3.9	59
66	Evaluating urban PM10 pollution benefit induced by street cleaning activities. <i>Atmospheric Environment</i> , 2009, 43, 4472-4480.	1.9	58
67	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. <i>Atmospheric Environment</i> , 2003, 37, 4265-4276.	1.9	56
68	Preferential Fractionation of Trace Metals and Metalloids into PM10 Resuspended from Contaminated Gold Mine Tailings at Rodalquilar, Spain. <i>Water, Air, and Soil Pollution</i> , 2007, 179, 93-105.	1.1	55
69	Air quality modeling and mortality impact of fine particles reduction policies in Spain. <i>Environmental Research</i> , 2014, 128, 15-26.	3.7	55
70	Geochemistry of PM ₁₀ over Europe during the EMEP intensive measurement periods in summer 2012 and winter 2013. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 6107-6129.	1.9	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). <i>Chemosphere</i> , 2014, 111, 513-521.	4.2	52
72	Mineralogy, geochemistry and toxicity of size-segregated respirable deposited dust in underground coal mines. <i>Journal of Hazardous Materials</i> , 2020, 399, 122935.	6.5	52

#	ARTICLE	IF	CITATIONS
73	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.	1.9	51
74	Oxidative properties of ambient PM _{2.5} and elemental composition: Heterogeneous associations in 19 European cities. <i>Atmospheric Environment</i> , 2009, 43, 4595-4602.	1.9	50
75	Identification of technical problems affecting performance of DustTrak DRX aerosol monitors. <i>Science of the Total Environment</i> , 2017, 584-585, 849-855.	3.9	50
76	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
77	The effect of ventilation protocols on airborne particulate matter in subway systems. <i>Science of the Total Environment</i> , 2017, 584-585, 1317-1323.	3.9	49
78	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.	1.9	47
79	Vehicle interior air quality conditions when travelling by taxi. <i>Environmental Research</i> , 2019, 172, 529-542.	3.7	46
80	Airborne particles produced during enamel cleanup after removal of orthodontic appliances. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2003, 124, 683-686.	0.8	45
81	Bioaerosols in the Barcelona subway system. <i>Indoor Air</i> , 2017, 27, 564-575.	2.0	45
82	Phenomenology of high-ozone episodes in NE Spain. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2817-2838.	1.9	45
83	Aerosol sources in subway environments. <i>Environmental Research</i> , 2018, 167, 314-328.	3.7	45
84	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.	6.5	44
85	Effects of Road Dust Suppressants on PM Levels in a Mediterranean Urban Area. <i>Environmental Science & Technology</i> , 2014, 48, 8069-8077.	4.6	44
86	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.	0.9	43
87	Nutritional characteristics of veal from weaned and unweaned calves: Discriminatory ability of the fat profile. <i>Meat Science</i> , 2006, 73, 209-217.	2.7	42
88	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.	1.9	42
89	Exotic dust incursions into central Spain: Implications for legislative controls on atmospheric particulates. <i>Atmospheric Environment</i> , 2005, 39, 6109-6120.	1.9	41
90	The identification of metallic elements in airborne particulate matter derived from fossil fuels at Puertollano, Spain. <i>International Journal of Coal Geology</i> , 2007, 71, 122-128.	1.9	41

#	ARTICLE	IF	CITATIONS
91	Variations in the source, metal content and bioreactivity of technogenic aerosols: a case study from Port Talbot, Wales, UK. <i>Science of the Total Environment</i> , 2004, 333, 59-73.	3.9	40
92	Indicators of physiological and immunological status of <i>Litopenaeus setiferus</i> wild populations (Crustacea, Penaeidae). <i>Marine Biology</i> , 2004, 145, 401.	0.7	40
93	Manganese in the urban atmosphere: identifying anomalous concentrations and sources. <i>Environmental Science and Pollution Research</i> , 2011, 18, 173-183.	2.7	40
94	Comprehensive evaluation of potential coal mine dust emissions in an open-pit coal mine in Northwest China. <i>International Journal of Coal Geology</i> , 2021, 235, 103677.	1.9	40
95	The spatial and temporal variations in PM10 mass from six UK homes. <i>Science of the Total Environment</i> , 2004, 324, 41-53.	3.9	37
96	Quantitative Raman determination of hydrogen peroxide using the solvent as internal standard: Online application in the direct synthesis of hydrogen peroxide. <i>Chemical Engineering Journal</i> , 2011, 166, 1061-1065.	6.6	37
97	Modelling Saharan dust transport into the Mediterranean basin with CMAQ. <i>Atmospheric Environment</i> , 2013, 70, 337-350.	1.9	35
98	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. <i>Atmospheric Environment</i> , 2010, 44, 2563-2576.	1.9	34
99	Assessing the Performance of Methods to Detect and Quantify African Dust in Airborne Particulates. <i>Environmental Science & Technology</i> , 2010, 44, 8814-8820.	4.6	34
100	Daily and hourly chemical impact of springtime transboundary aerosols on Japanese air quality. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 1411-1424.	1.9	34
101	Effect of weaning status and storage time under vacuum upon physical characteristics of meat of the Rubia Gallega breed. <i>Meat Science</i> , 2006, 73, 102-108.	2.7	33
102	The physicochemical characterisation of microscopic airborne particles in south Wales: A review of the locations and methodologies. <i>Science of the Total Environment</i> , 2006, 360, 43-59.	3.9	33
103	Size distribution and chemical composition of particulate matter stack emissions in and around a copper smelter. <i>Atmospheric Environment</i> , 2014, 98, 271-282.	1.9	33
104	Road Dust Emission Sources and Assessment of Street Washing Effect. <i>Aerosol and Air Quality Research</i> , 2014, 14, 734-743.	0.9	33
105	STUDY OF HYDROLYZED PROTEIN COMPOSITION, FREE AMINO ACID, AND TAURINE CONTENT IN DIFFERENT MUSCLES OF GALICIAN BLONDE BEEF. <i>Journal of Muscle Foods</i> , 2010, 21, 769-784.	0.5	31
106	Monitoring of heavy metal concentrations in home outdoor air using moss bags. <i>Environmental Pollution</i> , 2011, 159, 954-962.	3.7	31
107	Direct synthesis of hydrogen peroxide in methanol and water using scCO_2 and N_2 as diluents. <i>Green Chemistry</i> , 2010, 12, 282-289.	4.6	30
108	Formation of a secondary platinum-group mineral assemblage in chromitites from the Herbeira ultramafic massif in Cabo Ortegal, NW Spain. <i>European Journal of Mineralogy</i> , 1999, 11, 363-378.	0.4	30

#	ARTICLE	IF	CITATIONS
109	Effect of supplementing different oils: Linseed, sunflower and soybean, on animal performance, carcass characteristics, meat quality and fatty acid profile of veal from <i>Rubia Gallega</i> calves. Meat Science, 2014, 96, 829-836.	2.7	29
110	Factors controlling particle number concentration and size at metro stations. Atmospheric Environment, 2017, 156, 169-181.	1.9	29
111	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
112	Variations in school playground and classroom atmospheric particulate chemistry. Atmospheric Environment, 2014, 91, 162-171.	1.9	28
113	Presenting SAPUSS: Solving Aerosol Problem by Using Synergistic Strategies in Barcelona, Spain. Atmospheric Chemistry and Physics, 2013, 13, 8991-9019.	1.9	27
114	Airborne microplastic particle concentrations and characterization in indoor urban microenvironments. Environmental Pollution, 2022, 308, 119707.	3.7	27
115	Natural versus anthropogenic inhalable aerosol chemistry of transboundary East Asian atmospheric outflows into western Japan. Science of the Total Environment, 2012, 424, 182-192.	3.9	26
116	Improving air quality in subway systems: An overview. Environmental Pollution, 2018, 239, 829-831.	3.7	26
117	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.	3.2	25
118	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.	2.5	24
119	Controls on hourly variations in urban background air pollutant concentrations. Atmospheric Environment, 2009, 43, 4178-4186.	1.9	24
120	Identification of chemical tracers in the characterisation and source apportionment of inhalable inorganic airborne particles: an overview. Biomarkers, 2009, 14, 17-22.	0.9	23
121	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
122	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.	2.2	23
123	The influence of lifestyle on airborne particle surface area doses received by different Western populations. Environmental Pollution, 2018, 232, 113-122.	3.7	23
124	Pulmonary antioxidants exert differential protective effects against urban and industrial particulate matter. Journal of Biosciences, 2003, 28, 101-107.	0.5	22
125	Spatial and temporal variations in inhalable CuZnPb aerosols within the Mexico City pollution plume. Journal of Environmental Monitoring, 2008, 10, 370.	2.1	22
126	Effect of weaning status on animal performance and meat quality of Rubia Gallega calves. Meat Science, 2010, 86, 832-838.	2.7	22

#	ARTICLE	IF	CITATIONS
127	Implementation of road dust resuspension in air quality simulations of particulate matter in Madrid (Spain). <i>Frontiers in Environmental Science</i> , 2015, 3, .	1.5	22
128	Physico-chemical characterization of playground sand dust, inhalable and bioaccessible fractions. <i>Chemosphere</i> , 2018, 190, 454-462.	4.2	22
129	Evaluation of the Semi-Continuous OCEC analyzer performance with the EUSAAR2 protocol. <i>Science of the Total Environment</i> , 2020, 747, 141266.	3.9	22
130	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.	1.9	21
131	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.	1.6	19
132	Organophosphate esters in airborne particles from subway stations. <i>Science of the Total Environment</i> , 2021, 769, 145105.	3.9	19
133	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.	3.9	18
134	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.	3.9	18
135	Assessment of the variability of atmospheric pollution in National Parks of mainland Spain. <i>Atmospheric Environment</i> , 2016, 132, 332-344.	1.9	17
136	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.	3.9	17
137	Spatio-temporal patterns of high summer ozone events in the Madrid Basin, Central Spain. <i>Atmospheric Environment</i> , 2018, 185, 207-220.	1.9	17
138	How can ventilation be improved on public transportation buses? Insights from CO ₂ measurements. <i>Environmental Research</i> , 2022, 205, 112451.	3.7	17
139	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
140	Physiological and immunological conditions of wild populations of <i>Farfantepenaeus duorarum</i> from the campeche sound (Crustacea, Penaeidae). <i>Marine Biology</i> , 2007, 152, 929-938.	0.7	14
141	Variation of PM _{2.5} concentrations in relation to street washing activities. <i>Atmospheric Environment</i> , 2012, 54, 465-469.	1.9	14
142	Formation and alteration of airborne particles in the subway environment. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 59-64.	1.7	14
143	The effect of grazing on the fatty acid profile of longissimus thoracis muscle in Galician Blond calves. <i>Animal</i> , 2007, 1, 1227-1235.	1.3	13
144	Bedrock controls on the mineralogy and chemistry of PM ₁₀ extracted from Australian desert sediments. <i>Environmental Geology</i> , 2009, 57, 411-420.	1.2	13

#	ARTICLE	IF	CITATIONS
145	Tectonomagmatism in continental arcs: evidence from the Sark arc complex. <i>Tectonophysics</i> , 2002, 352, 185-201.	0.9	11
146	Effect of weaning status on lipids of Galician Blond veal: Total fatty acids and 18:1 cis and trans isomers. <i>Meat Science</i> , 2010, 86, 357-363.	2.7	11
147	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.	2.7	11
148	Effects on quality attributes of commercial veal pieces under different ageing treatments. <i>International Journal of Food Science and Technology</i> , 2007, 42, 373-379.	1.3	10
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.	2.0	10
150	Trace element fractionation processes in resuspended mineral aerosols extracted from Australian continental surface materials. <i>Soil Research</i> , 2008, 46, 128.	0.6	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.	1.9	9
152	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. <i>Animal</i> , 2011, 5, 802-812.	1.3	9
153	Road traffic and sandy playground influence on ambient pollutants in schools. <i>Atmospheric Environment</i> , 2015, 111, 94-102.	1.9	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.	3.7	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.	4.3	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.	3.9	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.	1.9	8
158	Air Quality in Subway Systems. , 2018, , 289-321.		7
159	New Directions: Legislative considerations for controlling exposure to atmospheric aerosols in rural areas. <i>Atmospheric Environment</i> , 2008, 42, 8979-8984.	1.9	5
160	CHARACTERISATION OF AIRBORNE PARTICULATE MATTER AND RELATED MECHANISMS OF TOXICITY: AN EXPERIMENTAL APPROACH. <i>Air Pollution Reviews</i> , 2006, , 69-110.	0.1	3
161	High-energy forage feeding diets and body condition on the finishing of cull dairy cows. <i>Animal</i> , 2012, 6, 1634-1641.	1.3	3
162	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

#	ARTICLE	IF	CITATIONS
163	Geochemical and size variations in inhalable UK airborne particles: the limitations of mass measurements. Journal of the Geological Society, 2004, 161, 899-902.	0.9	3
164	Bioaerosols in public and tourist buses. Aerobiologia, 2021, 37, 525-541.	0.7	2
165	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.	1.8	1
166	Corrigendum to "Variability of levels and composition of PM ₁₀ and PM _{2.5} in the Barcelona metro system" published in Atmos. Chem. Phys., 12, 5055-5076, 2012. Atmospheric Chemistry and Physics, 2013, 13, 10767-10768.	1.9	1
167	Characterisation of Airborne Particulate Matter in Different European Subway Systems. , 2017, , .		1
168	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.	0.5	0
169	Chapter 10 New Considerations for PM, Black Carbon, and Particle Number Concentration for Air Quality Monitoring Across Different European Cities. , 2016, , 177-218.		0
170	What We Breathe When Riding The Subway Train. , 2018, , .		0