

Teresa Moreno

List of Publications by Year in Descending Order

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

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	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	4.5	2
170	How can ventilation be improved on public transportation buses? Insights from CO measurements. <i>Environmental Research</i> , 2021 , 112451	7.9	5
169	Bioaerosols in public and tourist buses. <i>Aerobiologia</i> , 2021 , 37, 525-541	2.4	0
168	Organophosphate esters in airborne particles from subway stations. <i>Science of the Total Environment</i> , 2021 , 769, 145105	10.2	5
167	Lessons from the COVID-19 air pollution decrease in Spain: Now what?. <i>Science of the Total Environment</i> , 2021 , 779, 146380	10.2	29
166	Tracing surface and airborne SARS-CoV-2 RNA inside public buses and subway trains. <i>Environment International</i> , 2021 , 147, 106326	12.9	52
165	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	5.5	17
164	Aerosol transmission of human pathogens: From miasmata to modern viral pandemics and their preservation potential in the Anthropocene record. <i>Geoscience Frontiers</i> , 2021 , 101282	6	3
163	COVID-19 face masks: A new source of human and environmental exposure to organophosphate esters. <i>Environment International</i> , 2021 , 154, 106654	12.9	14
162	Geochemistry and oxidative potential of the respirable fraction of powdered mined Chinese coals. <i>Science of the Total Environment</i> , 2021 , 800, 149486	10.2	3
161	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	7.9	4
160	Mineralogy, geochemistry and toxicity of size-segregated respirable deposited dust in underground coal mines. <i>Journal of Hazardous Materials</i> , 2020 , 399, 122935	12.8	21
159	Chemistry and sources of PM _{2.5} and volatile organic compounds breathed inside urban commuting and tourist buses. <i>Atmospheric Environment</i> , 2020 , 223, 117234	5.3	5
158	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	10.2	30
157	Evaluation of the Semi-Continuous OCEC analyzer performance with the EUSAAR2 protocol. <i>Science of the Total Environment</i> , 2020 , 747, 141266	10.2	10
156	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	5.5	42
155	African dust and air quality over Spain: Is it only dust that matters?. <i>Science of the Total Environment</i> , 2019 , 686, 737-752	10.2	34

154	Vertical and horizontal fall-off of black carbon and NO within urban blocks. <i>Science of the Total Environment</i> , 2019 , 686, 236-245	10.2	10
153	Origin and speciation of major and trace PM elements in the Barcelona subway system. <i>Transportation Research, Part D: Transport and Environment</i> , 2019 , 72, 17-35	6.4	11
152	Vehicle interior air quality conditions when travelling by taxi. <i>Environmental Research</i> , 2019 , 172, 529-547	7.9	29
151	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	10.2	55
150	Effectiveness of commercial face masks to reduce personal PM exposure. <i>Science of the Total Environment</i> , 2019 , 650, 1582-1590	10.2	40
149	Improving air quality in subway systems: An overview. <i>Environmental Pollution</i> , 2018 , 239, 829-831	9.3	19
148	Physico-chemical characterization of playground sand dust, inhalable and bioaccessible fractions. <i>Chemosphere</i> , 2018 , 190, 454-462	8.4	19
147	The influence of lifestyle on airborne particle surface area doses received by different Western populations. <i>Environmental Pollution</i> , 2018 , 232, 113-122	9.3	19
146	Aerosol sources in subway environments. <i>Environmental Research</i> , 2018 , 167, 314-328	7.9	28
145	Air Quality in Subway Systems 2018 , 289-321		3
144	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	10.2	9
143	Spatio-temporal patterns of high summer ozone events in the Madrid Basin, Central Spain. <i>Atmospheric Environment</i> , 2018 , 185, 207-220	5.3	12
142	Identification of technical problems affecting performance of DustTrak DRX aerosol monitors. <i>Science of the Total Environment</i> , 2017 , 584-585, 849-855	10.2	33
141	The effect of ventilation protocols on airborne particulate matter in subway systems. <i>Science of the Total Environment</i> , 2017 , 584-585, 1317-1323	10.2	33
140	Factors controlling particle number concentration and size at metro stations. <i>Atmospheric Environment</i> , 2017 , 156, 169-181	5.3	21
139	Formation and alteration of airborne particles in the subway environment. <i>Environmental Sciences: Processes and Impacts</i> , 2017 , 19, 59-64	4.3	11
138	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	10.2	14
137	Oxidative potential of subway PM _{2.5} . <i>Atmospheric Environment</i> , 2017 , 148, 230-238	5.3	44

136	Bioaerosols in the Barcelona subway system. <i>Indoor Air</i> , 2017 , 27, 564-575	5.4	32
135	Phenomenology of high-ozone episodes in NE Spain. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 2817-2838	7.8	33
134	Characterisation of Airborne Particulate Matter in Different European Subway Systems 2017 ,		1
133	Origin of inorganic and organic components of PM _{2.5} in subway stations of Barcelona, Spain. <i>Environmental Pollution</i> , 2016 , 208, 125-136	9.3	74
132	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	6.8	42
131	Factors controlling air quality in different European subway systems. <i>Environmental Research</i> , 2016 , 146, 35-46	7.9	99
130	Assessment of the variability of atmospheric pollution in National Parks of mainland Spain. <i>Atmospheric Environment</i> , 2016 , 132, 332-344	5.3	11
129	Chapter 10 New Considerations for PM, Black Carbon, and Particle Number Concentration for Air Quality Monitoring Across Different European Cities 2016 , 177-218		
128	Exposure to airborne particulate matter in the subway system. <i>Science of the Total Environment</i> , 2015 , 511, 711-22	10.2	99
127	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	11.6	293
126	Deposition of aerosol particles from a subway microenvironment in the human respiratory tract. <i>Journal of Aerosol Science</i> , 2015 , 90, 103-113	4.3	47
125	Urban air quality comparison for bus, tram, subway and pedestrian commutes in Barcelona. <i>Environmental Research</i> , 2015 , 142, 495-510	7.9	105
124	Implementation of road dust resuspension in air quality simulations of particulate matter in Madrid (Spain). <i>Frontiers in Environmental Science</i> , 2015 , 3,	4.8	14
123	Road traffic and sandy playground influence on ambient pollutants in schools. <i>Atmospheric Environment</i> , 2015 , 111, 94-102	5.3	5
122	A new look at inhalable metalliferous airborne particles on rail subway platforms. <i>Science of the Total Environment</i> , 2015 , 505, 367-75	10.2	77
121	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	5.3	82
120	Variations in school playground and classroom atmospheric particulate chemistry. <i>Atmospheric Environment</i> , 2014 , 91, 162-171	5.3	25
119	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. <i>Meat Science</i> , 2014 , 96, 829-36	6.4	24

118	Effects of road dust suppressants on PM levels in a Mediterranean urban area. <i>Environmental Science & Technology</i> , 2014 , 48, 8069-77	10.3	38
117	Engineering in direct synthesis of hydrogen peroxide: targets, reactors and guidelines for operational conditions. <i>Green Chemistry</i> , 2014 , 16, 2320	10	101
116	Size distribution and chemical composition of particulate matter stack emissions in and around a copper smelter. <i>Atmospheric Environment</i> , 2014 , 98, 271-282	5.3	26
115	Urban air quality: the challenge of traffic non-exhaust emissions. <i>Journal of Hazardous Materials</i> , 2014 , 275, 31-6	12.8	221
114	Sources of indoor and outdoor PM2.5 concentrations in primary schools. <i>Science of the Total Environment</i> , 2014 , 490, 757-65	10.2	119
113	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, 785-97	10.2	104
112	Subway platform air quality: Assessing the influences of tunnel ventilation, train piston effect and station design. <i>Atmospheric Environment</i> , 2014 , 92, 461-468	5.3	105
111	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, 513-21	8.4	41
110	2001-2012 trends on air quality in Spain. <i>Science of the Total Environment</i> , 2014 , 490, 957-69	10.2	95
109	Child exposure to indoor and outdoor air pollutants in schools in Barcelona, Spain. <i>Environment International</i> , 2014 , 69, 200-12	12.9	190
108	Air quality modeling and mortality impact of fine particles reduction policies in Spain. <i>Environmental Research</i> , 2014 , 128, 15-26	7.9	49
107	Road Dust Emission Sources and Assessment of Street Washing Effect. <i>Aerosol and Air Quality Research</i> , 2014 , 14, 734-743	4.6	26
106	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	5.3	85
105	Modelling Saharan dust transport into the Mediterranean basin with CMAQ. <i>Atmospheric Environment</i> , 2013 , 70, 337-350	5.3	30
104	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	2.8	8
103	Evidence of biomass burning aerosols in the Barcelona urban environment during winter time. <i>Atmospheric Environment</i> , 2013 , 72, 81-88	5.3	61
102	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	6.8	80
101	Presenting SAPUSS: Solving Aerosol Problem by Using Synergistic Strategies in Barcelona, Spain. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 8991-9019	6.8	22

100	Daily and hourly chemical impact of springtime transboundary aerosols on Japanese air quality. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 1411-1424	6.8	26
99	Variation of PM _{2.5} concentrations in relation to street washing activities. <i>Atmospheric Environment</i> , 2012 , 54, 465-469	5.3	10
98	Urban NH ₃ levels and sources in a Mediterranean environment. <i>Atmospheric Environment</i> , 2012 , 57, 153-164	5.4	88
97	Natural versus anthropogenic inhalable aerosol chemistry of transboundary East Asian atmospheric outflows into western Japan. <i>Science of the Total Environment</i> , 2012 , 424, 182-92	10.2	23
96	Biomass burning contributions to urban aerosols in a coastal Mediterranean city. <i>Science of the Total Environment</i> , 2012 , 427-428, 175-90	10.2	113
95	Within-city contrasts in PM composition and sources and their relationship with nitrogen oxides. <i>Journal of Environmental Monitoring</i> , 2012 , 14, 2718-28		15
94	Open air mineral treatment operations and ambient air quality: assessment and source apportionment. <i>Journal of Environmental Monitoring</i> , 2012 , 14, 2939-51		2
93	Emission factors from road dust resuspension in a Mediterranean freeway. <i>Atmospheric Environment</i> , 2012 , 61, 580-587	5.3	48
92	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, 327-35	7	66
91	Health effects from Sahara dust episodes in Europe: literature review and research gaps. <i>Environment International</i> , 2012 , 47, 107-14	12.9	150
90	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	6.8	138
89	High-energy forage feeding diets and body condition on the finishing of cull dairy cows. <i>Animal</i> , 2012 , 6, 1634-41	3.1	2
88	Health impact assessment of a reduction in ambient PM _{2.5} levels in Spain. <i>Environment International</i> , 2011 , 37, 342-8	12.9	100
87	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	6.8	269
86	Size and time-resolved roadside enrichment of atmospheric particulate pollutants. <i>Atmospheric Chemistry and Physics</i> , 2011 , 11, 2917-2931	6.8	84
85	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	6.8	72
84	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, 802-12	3.1	6
83	Monitoring of heavy metal concentrations in home outdoor air using moss bags. <i>Environmental Pollution</i> , 2011 , 159, 954-62	9.3	24

82	Road dust contribution to PM levels I: Evaluation of the effectiveness of street washing activities by means of Positive Matrix Factorization. <i>Atmospheric Environment</i> , 2011 , 45, 2193-2201	5.3	46
81	Sources and variability of inhalable road dust particles in three European cities. <i>Atmospheric Environment</i> , 2011 , 45, 6777-6787	5.3	234
80	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	5.3	38
79	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	14.7	31
78	Manganese in the urban atmosphere: identifying anomalous concentrations and sources. <i>Environmental Science and Pollution Research</i> , 2011 , 18, 173-83	5.1	34
77	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, 260-9	5.1	190
76	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	5.5	104
75	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, 713-22	12.8	35
74	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	4.2	19
73	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		26
72	Assessing the performance of methods to detect and quantify African dust in airborne particulates. <i>Environmental Science & Technology</i> , 2010 , 44, 8814-20	10.3	31
71	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, 357-63	6.4	8
70	Effect of weaning status on animal performance and meat quality of Rubia Gallega calves. <i>Meat Science</i> , 2010 , 86, 832-8	6.4	13
69	Concentrations, sources and geochemistry of airborne particulate matter at a major European airport. <i>Journal of Environmental Monitoring</i> , 2010 , 12, 854-62		41
68	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	10	29
67	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, 945-9	12.8	60
66	Variations in vanadium, nickel and lanthanoid element concentrations in urban air. <i>Science of the Total Environment</i> , 2010 , 408, 4569-79	10.2	127
65	A European aerosol phenomenology I: Physical and chemical characteristics of particulate matter from 60 rural, urban, and kerbside sites across Europe. <i>Atmospheric Environment</i> , 2010 , 44, 1308-1320	5.3	563

64	Physicochemical variations in atmospheric aerosols recorded at sea onboard the AtlanticMediterranean 2008 Scholar Ship cruise (Part I): Particle mass concentrations, size ratios, and main chemical components. <i>Atmospheric Environment</i> , 2010 , 44, 2552-2562	5.3	8
63	Physicochemical variations in atmospheric aerosols recorded at sea onboard the AtlanticMediterranean 2008 Scholar Ship cruise (Part II): Natural versus anthropogenic influences revealed by PM10 trace element geochemistry. <i>Atmospheric Environment</i> , 2010 , 44, 2563-2576	5.3	32
62	Direct synthesis of H2O2 in methanol at low pressures over Pd/C catalyst: Semi-continuous process. <i>Applied Catalysis A: General</i> , 2010 , 386, 28-33	5.1	23
61	Identification of chemical tracers in the characterisation and source apportionment of inhalable inorganic airborne particles: an overview. <i>Biomarkers</i> , 2009 , 14 Suppl 1, 17-22	2.6	20
60	An introductory TEM study of Fe-nanomaterials within coal fly ash. <i>Science of the Total Environment</i> , 2009 , 407, 4972-4	10.2	103
59	Spatial and chemical patterns of PM10 in road dust deposited in urban environment. <i>Atmospheric Environment</i> , 2009 , 43, 1650-1659	5.3	331
58	Controls on hourly variations in urban background air pollutant concentrations. <i>Atmospheric Environment</i> , 2009 , 43, 4178-4186	5.3	23
57	Oxidative properties of ambient PM2.5 and elemental composition: Heterogeneous associations in 19 European cities. <i>Atmospheric Environment</i> , 2009 , 43, 4595-4602	5.3	46
56	African dust contributions to mean ambient PM10 mass-levels across the Mediterranean Basin. <i>Atmospheric Environment</i> , 2009 , 43, 4266-4277	5.3	318
55	Evaluating urban PM10 pollution benefit induced by street cleaning activities. <i>Atmospheric Environment</i> , 2009 , 43, 4472-4480	5.3	47
54	Bedrock controls on the mineralogy and chemistry of PM10 extracted from Australian desert sediments. <i>Environmental Geology</i> , 2009 , 57, 411-420		12
53	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	5.5	71
52	Chemical tracers of particulate emissions from commercial shipping. <i>Environmental Science & Technology</i> , 2009 , 43, 7472-7	10.3	176
51	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, 484-91	6.4	53
50	Geochemistry of regional background aerosols in the Western Mediterranean. <i>Atmospheric Research</i> , 2009 , 94, 422-435	5.4	76
49	Profiling transient daytime peaks in urban air pollutants: city centre traffic hotspot versus urban background concentrations. <i>Journal of Environmental Monitoring</i> , 2009 , 11, 1535-42		21
48	Spatial and temporal variations in airborne particulate matter (PM10 and PM2.5) across Spain 1999-2005. <i>Atmospheric Environment</i> , 2008 , 42, 3964-3979	5.3	258
47	Identification of FCC refinery atmospheric pollution events using lanthanoid- and vanadium-bearing aerosols. <i>Atmospheric Environment</i> , 2008 , 42, 7851-7861	5.3	68

46	Variations of urban aerosols in the western Mediterranean. <i>Atmospheric Environment</i> , 2008 , 42, 9052-9062	90
45	New Directions: Legislative considerations for controlling exposure to atmospheric aerosols in rural areas. <i>Atmospheric Environment</i> , 2008 , 42, 8979-8984	53 5
44	Lanthanoid geochemistry of urban atmospheric particulate matter. <i>Environmental Science & Technology</i> , 2008 , 42, 6502-7	10.3 77
43	Trace element variation in size-fractionated African desert dusts. <i>Journal of Arid Environments</i> , 2008 , 72, 1034-1045	2.5 101
42	Spatial and temporal variations in inhalable CuZnPb aerosols within the Mexico City pollution plume. <i>Journal of Environmental Monitoring</i> , 2008 , 10, 370-8	20
41	PM speciation and sources in Mexico during the MILAGRO-2006 Campaign. <i>Atmospheric Chemistry and Physics</i> , 2008 , 8, 111-128	6.8 188
40	Environmental, physical and structural characterisation of geopolymer matrixes synthesised from coal (co-)combustion fly ashes. <i>Journal of Hazardous Materials</i> , 2008 , 154, 175-83	12.8 287
39	Environmental characterization of burnt coal gangue banks at Yangquan, Shanxi Province, China. <i>International Journal of Coal Geology</i> , 2008 , 75, 93-104	5.5 212
38	Trace element fractionation processes in resuspended mineral aerosols extracted from Australian continental surface materials. <i>Soil Research</i> , 2008 , 46, 128	1.8 10
37	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	5.5 32
36	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	3.8 6
35	Recreational atmospheric pollution episodes: Inhalable metalliferous particles from firework displays. <i>Atmospheric Environment</i> , 2007 , 41, 913-922	5.3 132
34	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	2.5 12
33	Preferential Fractionation of Trace Metals/Metalloids into PM10 Resuspended from Contaminated Gold Mine Tailings at Rodalquilar, Spain. <i>Water, Air, and Soil Pollution</i> , 2007 , 179, 93-105	2.6 50
32	Airborne particulate matter and premature deaths in urban Europe: the new WHO guidelines and the challenge ahead as illustrated by Spain. <i>European Journal of Epidemiology</i> , 2007 , 22, 1-5	12.1 22
31	PM speciation and sources in Mexico during the MILAGRO-2006 Campaign 2007 ,	3
30	The effect of grazing on the fatty acid profile of longissimus thoracis muscle in Galician Blond calves. <i>Animal</i> , 2007 , 1, 1227-35	3.1 10
29	A comment on Sillanpää et al. (2003) Field and laboratory tests of a high volume cascade impactor. <i>Journal of Aerosol Science</i> , 2007 , 38, 136-138	4.3 1

28	Source origin of trace elements in PM from regional background, urban and industrial sites of Spain. <i>Atmospheric Environment</i> , 2007 , 41, 7219-7231	5.3	330
27	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	5.3	19
26	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	5.3	109
25	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	10.2	31
24	PM source apportionment and trace metallic aerosol affinities during atmospheric pollution episodes: a case study from Puertollano, Spain. <i>Journal of Environmental Monitoring</i> , 2006 , 8, 1060-8		23
23	Geochemical variations in aeolian mineral particles from the Sahara-Sahel Dust Corridor. <i>Chemosphere</i> , 2006 , 65, 261-70	8.4	294
22	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, 102-8	6.4	24
21	Nutritional characteristics of veal from weaned and unweaned calves: Discriminatory ability of the fat profile. <i>Meat Science</i> , 2006 , 73, 209-17	6.4	34
20	CHARACTERISATION OF AIRBORNE PARTICULATE MATTER AND RELATED MECHANISMS OF TOXICITY: AN EXPERIMENTAL APPROACH. <i>Air Pollution Reviews</i> , 2006 , 69-110		3
19	Exotic dust incursions into central Spain: Implications for legislative controls on atmospheric particulates. <i>Atmospheric Environment</i> , 2005 , 39, 6109-6120	5.3	39
18	Size fractionation in mercury-bearing airborne particles (HgPM10) at Almad�n, Spain: Implications for inhalation hazards around old mines. <i>Atmospheric Environment</i> , 2005 , 39, 6409-6419	5.3	46
17	The spatial and temporal variations in PM10 mass from six UK homes. <i>Science of the Total Environment</i> , 2004 , 324, 41-53	10.2	29
16	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	10.2	36
15	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, 337-46	10.2	53
14	Indicators of physiological and immunological status of <i>Litopenaeus setiferus</i> wild populations (Crustacea, Penaeidae). <i>Marine Biology</i> , 2004 , 145, 401	2.5	31
13	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, 515-22	6.4	80
12	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	2.7	2
11	Pulmonary antioxidants exert differential protective effects against urban and industrial particulate matter. <i>Journal of Biosciences</i> , 2003 , 28, 101-7	2.3	19

10	The geology of ambient aerosols: characterising urban and rural/coastal silicate PM ₁₀ and PM _{2.5} using high-volume cascade collection and scanning electron microscopy. <i>Atmospheric Environment</i> , 2003 , 37, 4265-4276	5.3	54
9	Airborne particles produced during enamel cleanup after removal of orthodontic appliances. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2003 , 124, 683-6	2.1	29
8	PARTICLE-INDUCED OXIDATIVE STRESS AND CYTOKINE RELEASE IS ATTENUATED BY LUNG ANTIOXIDANTS IN HUMAN ALVEOLAR MACROPHAGES AND TYPE 2 EPITHELIAL CELLS. <i>Experimental Lung Research</i> , 2003 , 29, 421-444	2.3	
7	Particle-induced oxidative damage is ameliorated by pulmonary antioxidants. <i>Free Radical Biology and Medicine</i> , 2002 , 32, 898-905	7.8	61
6	Tectonomagmatism in continental arcs: evidence from the Sark arc complex. <i>Tectonophysics</i> , 2002 , 352, 185-201	3.1	11
5	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	2.7	37
4	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	2.2	21
3	Variability of levels of PM, black carbon and particle number concentration in selected European cities		2
2	Presenting SAPUSS: solving aerosol problem by using synergistic strategies at Barcelona, Spain		7
1	Daily and hourly chemical impact of springtime transboundary aerosols on Japanese air quality		1