Teresa Moreno

List of Publications by Year in descending order

169 papers	13,079 citations	20759 60 h-index	26548 107 g-index
182 all docs	182 docs citations	182 times ranked	12317 citing authors

#	Article	IF	Citations
1	Aerosol transmission of human pathogens: From miasmata to modern viral pandemics and their preservation potential in the Anthropocene record. Geoscience Frontiers, 2022, 13, 101282.	4.3	9
2	Protein Recovery from New Zealand Oil Rapeseed (Brassica napus) Cake. Waste and Biomass Valorization, 2022, 13, 1135-1141.	1.8	2
3	How can ventilation be improved on public transportation buses? Insights from CO2 measurements. Environmental Research, 2022, 205, 112451.	3.7	17
4	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.	2.7	11
5	Airborne microplastic particle concentrations and characterization in indoor urban microenvironments. Environmental Pollution, 2022, 308, 119707.	3.7	27
6	Tracing surface and airborne SARS-CoV-2 RNA inside public buses and subway trains. Environment International, 2021, 147, 106326.	4.8	119
7	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.	1.9	40
8	Bioaerosols in public and tourist buses. Aerobiologia, 2021, 37, 525-541.	0.7	2
9	Organophosphate esters in airborne particles from subway stations. Science of the Total Environment, 2021, 769, 145105.	3.9	19
10	Lessons from the COVID-19 air pollution decrease in Spain: Now what?. Science of the Total Environment, 2021, 779, 146380.	3.9	80
11	Extraction of hemp seed using near-critical CO2, propane and dimethyl ether. Journal of Supercritical Fluids, 2021, 173, 105218.	1.6	5
12	COVID-19 face masks: A new source of human and environmental exposure to organophosphate esters. Environment International, 2021, 154, 106654.	4.8	63
13	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.	3.9	66
14	Geochemistry and oxidative potential of the respirable fraction of powdered mined Chinese coals. Science of the Total Environment, 2021, 800, 149486.	3.9	9
15	Chemistry and sources of PM2.5 and volatile organic compounds breathed inside urban commuting and tourist buses. Atmospheric Environment, 2020, 223, 117234.	1.9	8
16	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.	3.9	61
17	Cannabinoid Decarboxylation: A Comparative Kinetic Study. Industrial & Engineering Chemistry Research, 2020, 59, 20307-20315.	1.8	34
18	Evaluation of the Semi-Continuous OCEC analyzer performance with the EUSAAR2 protocol. Science of the Total Environment, 2020, 747, 141266.	3.9	22

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19	Using miniaturised scanning mobility particle sizers to observe size distribution patterns of quasi-ultrafine aerosols inhaled during city commuting. Environmental Research, 2020, 191, 109978.	3.7	9
20	Mineralogy, geochemistry and toxicity of size-segregated respirable deposited dust in underground coal mines. Journal of Hazardous Materials, 2020, 399, 122935.	6.5	52
21	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.	1.6	57
22	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.	1.9	76
23	African dust and air quality over Spain: Is it only dust that matters?. Science of the Total Environment, 2019, 686, 737-752.	3.9	65
24	Vertical and horizontal fall-off of black carbon and NO2 within urban blocks. Science of the Total Environment, 2019, 686, 236-245.	3.9	18
25	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
26	Vehicle interior air quality conditions when travelling by taxi. Environmental Research, 2019, 172, 529-542.	3.7	46
27	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.	3.9	88
28	Effectiveness of commercial face masks to reduce personal PM exposure. Science of the Total Environment, 2019, 650, 1582-1590.	3.9	59
29	Improving air quality in subway systems: An overview. Environmental Pollution, 2018, 239, 829-831.	3.7	26
30	Physico-chemical characterization of playground sand dust, inhalable and bioaccessible fractions. Chemosphere, 2018, 190, 454-462.	4.2	22
31	The influence of lifestyle on airborne particle surface area doses received by different Western populations. Environmental Pollution, 2018, 232, 113-122.	3.7	23
32	Perspectives on processing of high value lipids using supercritical fluids. Journal of Supercritical Fluids, 2018, 134, 260-268.	1.6	64
33	Storage stability and simulated gastrointestinal release of spray dried grape marc phenolics. Food and Bioproducts Processing, 2018, 112, 96-107.	1.8	29
34	Spatio-temporal patterns of high summer ozone events in the Madrid Basin, Central Spain. Atmospheric Environment, 2018, 185, 207-220.	1.9	17
35	Aerosol sources in subway environments. Environmental Research, 2018, 167, 314-328.	3.7	45
36	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.	3.9	18

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37	Identification of technical problems affecting performance of DustTrak DRX aerosol monitors. Science of the Total Environment, 2017, 584-585, 849-855.	3.9	50
38	The effect of ventilation protocols on airborne particulate matter in subway systems. Science of the Total Environment, 2017, 584-585, 1317-1323.	3.9	49
39	Factors controlling particle number concentration and size at metro stations. Atmospheric Environment, 2017, 156, 169-181.	1.9	29
40	Formation and alteration of airborne particles in the subway environment. Environmental Sciences: Processes and Impacts, 2017, 19, 59-64.	1.7	14
41	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.	3.9	17
42	Oxidative potential of subway PM 2.5. Atmospheric Environment, 2017, 148, 230-238.	1.9	63
43	Bioaerosols in the Barcelona subway system. Indoor Air, 2017, 27, 564-575.	2.0	45
44	Phenomenology of high-ozone episodes in NE Spain. Atmospheric Chemistry and Physics, 2017, 17, 2817-2838.	1.9	45
45	Supercritical antisolvent precipitation of polyphenols from grape marc extract. Journal of Supercritical Fluids, 2016, 118, 54-63.	1.6	29
46	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.	2.6	37
47	Geochemistry of PM₁₀ over Europe during the EMEP intensive measurement periods in summerÂ2012 and winterÂ2013. Atmospheric Chemistry and Physics, 2016, 16, 6107-6129.	1.9	54
48	Factors controlling air quality in different European subway systems. Environmental Research, 2016, 146, 35-46.	3.7	138
49	Assessment of the variability of atmospheric pollution in National Parks of mainland Spain. Atmospheric Environment, 2016, 132, 332-344.	1.9	17
50	Nanoparticulate mineral matter from basalt dust wastes. Chemosphere, 2016, 144, 2013-2017.	4.2	52
51	Origin of inorganic and organic components of PM 2.5 in subway stations of Barcelona, Spain. Environmental Pollution, 2016, 208, 125-136.	3.7	95
52	Implementation of road dust resuspension in air quality simulations of particulate matter in Madrid (Spain). Frontiers in Environmental Science, 2015, 3, .	1.5	22
53	Advances in Analytical and Preparative Supercritical Fluid Chromatography. Food and Nutraceutical Applications. Food Engineering Series, 2015, , 217-268.	0.3	2
54	Road traffic and sandy playground influence on ambient pollutants in schools. Atmospheric Environment, 2015, 111, 94-102.	1.9	9

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55	A new look at inhalable metalliferous airborne particles on rail subway platforms. Science of the Total Environment, 2015, 505, 367-375.	3.9	116
56	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.	1.9	100
57	Exposure to airborne particulate matter in the subway system. Science of the Total Environment, 2015, 511, 711-722.	3.9	140
58	Association between Traffic-Related Air Pollution in Schools and Cognitive Development in Primary School Children: A Prospective Cohort Study. PLoS Medicine, 2015, 12, e1001792.	3.9	399
59	Deposition of aerosol particles from a subway microenvironment in the human respiratory tract. Journal of Aerosol Science, 2015, 90, 103-113.	1.8	62
60	Urban air quality comparison for bus, tram, subway and pedestrian commutes in Barcelona. Environmental Research, 2015, 142, 495-510.	3.7	136
61	Variations in school playground and classroom atmospheric particulate chemistry. Atmospheric Environment, 2014, 91, 162-171.	1.9	28
62	Effects of Road Dust Suppressants on PM Levels in a Mediterranean Urban Area. Environmental Science & Technology, 2014, 48, 8069-8077.	4.6	44
63	Engineering in direct synthesis of hydrogen peroxide: targets, reactors and guidelines for operational conditions. Green Chemistry, 2014, 16, 2320.	4.6	131
64	Size distribution and chemical composition of particulate matter stack emissions in and around a copper smelter. Atmospheric Environment, 2014, 98, 271-282.	1.9	33
65	Source apportionment for contaminated soils using multivariate statistical methods. Chemometrics and Intelligent Laboratory Systems, 2014, 138, 127-132.	1.8	27
66	Urban air quality: The challenge of traffic non-exhaust emissions. Journal of Hazardous Materials, 2014, 275, 31-36.	6.5	314
67	Sources of indoor and outdoor PM2.5 concentrations in primary schools. Science of the Total Environment, 2014, 490, 757-765.	3.9	153
68	Assessment of personal exposure to particulate air pollution during commuting in European citiesâ€"Recommendations and policy implications. Science of the Total Environment, 2014, 490, 785-797.	3.9	145
69	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
70	Distribution of trace elements in particle size fractions for contaminated soils by a copper smelting from different zones of the PuchuncavÃ-Valley (Chile). Chemosphere, 2014, 111, 513-521.	4.2	52
71	2001â€"2012 trends on air quality in Spain. Science of the Total Environment, 2014, 490, 957-969.	3.9	123
72	Child exposure to indoor and outdoor air pollutants in schools in Barcelona, Spain. Environment International, 2014, 69, 200-212.	4.8	243

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73	Air quality modeling and mortality impact of fine particles reduction policies in Spain. Environmental Research, 2014, 128, 15-26.	3.7	55
74	Supercritical CO₂ Extraction of 1â€Butanol and Acetone from Aqueous Solutions Using a Hollowâ€Fiber Membrane Contactor. Chemical Engineering and Technology, 2014, 37, 1861-1872.	0.9	9
75	Road Dust Emission Sources and Assessment of Street Washing Effect. Aerosol and Air Quality Research, 2014, 14, 734-743.	0.9	33
76	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.	1.9	104
77	Modelling Saharan dust transport into the Mediterranean basin with CMAQ. Atmospheric Environment, 2013, 70, 337-350.	1.9	35
78	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.	2.0	10
79	Evidence of biomass burning aerosols in the Barcelona urban environment during winter time. Atmospheric Environment, 2013, 72, 81-88.	1.9	76
80	Corrigendum to "Variability of levels and composition of PM₁₀ and PM_{2.5} in the Barcelona metro system" published in Atmos. Chem. Phys., 12, 5055â€“5076, 2012. Atmospheric Chemistry and Physics, 2013, 13, 10767-10768.	1.9	1
81	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.	1.9	104
82	Presenting SAPUSS: Solving Aerosol Problem by Using Synergistic Strategies in Barcelona, Spain. Atmospheric Chemistry and Physics, 2013, 13, 8991-9019.	1.9	27
83	Daily and hourly chemical impact of springtime transboundary aerosols on Japanese air quality. Atmospheric Chemistry and Physics, 2013, 13, 1411-1424.	1.9	34
84	Variability of levels and composition of PM₁₀ and PM_{2.5} in the Barcelona metro system. Atmospheric Chemistry and Physics, 2012, 12, 5055-5076.	1.9	173
85	High-energy forage feeding diets and body condition on the finishing of cull dairy cows. Animal, 2012, 6, 1634-1641.	1.3	3
86	Within-city contrasts in PM composition and sources and their relationship with nitrogen oxides. Journal of Environmental Monitoring, 2012, 14, 2718.	2.1	15
87	Open air mineral treatment operations and ambient air quality: assessment and source apportionment. Journal of Environmental Monitoring, 2012, 14, 2939.	2.1	3
88	Emission factors from road dust resuspension in a Mediterranean freeway. Atmospheric Environment, 2012, 61, 580-587.	1.9	73
89	A multidisciplinary approach to characterise exposure risk and toxicological effects of PM10 and PM2.5 samples in urban environments. Ecotoxicology and Environmental Safety, 2012, 78, 327-335.	2.9	75
90	Health effects from Sahara dust episodes in Europe: Literature review and research gaps. Environment International, 2012, 47, 107-114.	4.8	194

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91	Uncatalysed wet oxidation of d-glucose with hydrogen peroxide and its combination with hydrothermal electrolysis. Carbohydrate Research, 2012, 349, 33-38.	1.1	18
92	Variation of PM2.5 concentrations in relation to street washing activities. Atmospheric Environment, 2012, 54, 465-469.	1.9	14
93	Urban NH3 levels and sources in a Mediterranean environment. Atmospheric Environment, 2012, 57, 153-164.	1.9	115
94	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
95	Biomass burning contributions to urban aerosols in a coastal Mediterranean City. Science of the Total Environment, 2012, 427-428, 175-190.	3.9	130
96	Health impact assessment of a reduction in ambient PM2.5 levels in Spain. Environment International, 2011, 37, 342-348.	4.8	118
97	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.	1.9	317
98	Size and time-resolved roadside enrichment of atmospheric particulate pollutants. Atmospheric Chemistry and Physics, 2011, 11, 2917-2931.	1.9	104
99	Variations in time and space of trace metal aerosol concentrations in urban areas and their surroundings. Atmospheric Chemistry and Physics, 2011, 11, 9415-9430.	1.9	89
100	Monitoring of heavy metal concentrations in home outdoor air using moss bags. Environmental Pollution, 2011, 159, 954-962.	3.7	31
101	Road dust contribution to PM levels â€“ Evaluation of the effectiveness of street washing activities by means of Positive Matrix Factorization. Atmospheric Environment, 2011, 45, 2193-2201.	1.9	51
102	Sources and variability of inhalable road dust particles in three European cities. Atmospheric Environment, 2011, 45, 6777-6787.	1.9	294
103	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.	1.9	42
104	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.	6.6	37
105	Manganese in the urban atmosphere: identifying anomalous concentrations and sources. Environmental Science and Pollution Research, 2011, 18, 173-183.	2.7	40
106	Source apportionment of PM10 and PM2.5 at multiple sites in the strait of Gibraltar by PMF: impact of shipping emissions. Environmental Science and Pollution Research, 2011, 18, 260-269.	2.7	238
107	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
108	Size distribution and chemical composition of metalliferous stack emissions in the San Roque petroleum refinery complex, southern Spain. Journal of Hazardous Materials, 2011, 190, 713-722.	6.5	44

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109	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.	1.6	19
110	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.	6.5	69
111	Variations in vanadium, nickel and lanthanoid element concentrations in urban air. Science of the Total Environment, 2010, 408, 4569-4579.	3.9	163
112	A European aerosol phenomenology â€“ 3: Physical and chemical characteristics of particulate matter from 60 rural, urban, and kerbside sites across Europe. Atmospheric Environment, 2010, 44, 1308-1320.	1.9	654
113	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. Atmospheric Environment, 2010, 44, 2552-2562.	1.9	9
114	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.	1.9	34
115	Direct synthesis of H2O2 in methanol at low pressures over Pd/C catalyst: Semi-continuous process. Applied Catalysis A: General, 2010, 386, 28-33.	2.2	23
116	Assessing the Performance of Methods to Detect and Quantify African Dust in Airborne Particulates. Environmental Science & Technology, 2010, 44, 8814-8820.	4.6	34
117	Effect of weaning status on animal performance and meat quality of Rubia Gallega calves. Meat Science, 2010, 86, 832-838.	2.7	22
118	Concentrations, sources and geochemistry of airborne particulate matter at a major European airport. Journal of Environmental Monitoring, 2010, 12, 854.	2.1	49
119	Direct synthesis of hydrogen peroxide in methanol and water using scCO₂and N₂as diluents. Green Chemistry, 2010, 12, 282-289.	4.6	30
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	An introductory TEM study of Fe-nanominerals within coal fly ash. Science of the Total Environment, 2009, 407, 4972-4974.	3.9	108
122	Spatial and chemical patterns of PM10 in road dust deposited in urban environment. Atmospheric Environment, 2009, 43, 1650-1659.	1.9	387
123	Controls on hourly variations in urban background air pollutant concentrations. Atmospheric Environment, 2009, 43, 4178-4186.	1.9	24
124	Oxidative properties of ambient PM2.5 and elemental composition: Heterogeneous associations in 19 European cities. Atmospheric Environment, 2009, 43, 4595-4602.	1.9	50
125	African dust contributions to mean ambient PM10 mass-levels across the Mediterranean Basin. Atmospheric Environment, 2009, 43, 4266-4277.	1.9	375
126	Evaluating urban PM10 pollution benefit induced by street cleaning activities. Atmospheric Environment, 2009, 43, 4472-4480.	1.9	58

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127	Bedrock controls on the mineralogy and chemistry of PM10 extracted from Australian desert sediments. Environmental Geology, 2009, 57, 411-420.	1.2	13
128	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.	1.9	82
129	Chemical Tracers of Particulate Emissions from Commercial Shipping. Environmental Science & Technology, 2009, 43, 7472-7477.	4.6	227
130	Geochemistry of regional background aerosols in the Western Mediterranean. Atmospheric Research, 2009, 94, 422-435.	1.8	92
131	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
132	Environmental, physical and structural characterisation of geopolymer matrixes synthesised from coal (co-)combustion fly ashes. Journal of Hazardous Materials, 2008, 154, 175-183.	6.5	375
133	Environmental characterization of burnt coal gangue banks at Yangquan, Shanxi Province, China. International Journal of Coal Geology, 2008, 75, 93-104.	1.9	266
134	Spatial and temporal variations in airborne particulate matter (PM10 and PM2.5) across Spain 1999â€“2005. Atmospheric Environment, 2008, 42, 3964-3979.	1.9	287
135	Identification of FCC refinery atmospheric pollution events using lanthanoid- and vanadium-bearing aerosols. Atmospheric Environment, 2008, 42, 7851-7861.	1.9	79
136	Variations of urban aerosols in the western Mediterranean. Atmospheric Environment, 2008, 42, 9052-9062.	1.9	102
137	New Directions: Legislative considerations for controlling exposure to atmospheric aerosols in rural areas. Atmospheric Environment, 2008, 42, 8979-8984.	1.9	5
138	Lanthanoid Geochemistry of Urban Atmospheric Particulate Matter. Environmental Science & Technology, 2008, 42, 6502-6507.	4.6	84
139	Fatty acid composition of M. Longissimus dorsi from Holsteinâ€“Friesian steers of New Zealand and European/American descent and from Belgian BlueÃ—Holsteinâ€“Friesian steers, slaughtered at two weights/ages. Meat Science, 2008, 78, 157-169.	2.7	29
140	Trace element variation in size-fractionated African desert dusts. Journal of Arid Environments, 2008, 72, 1034-1045.	1.2	117
141	Spatial and temporal variations in inhalable CuZnPb aerosols within the Mexico City pollution plume. Journal of Environmental Monitoring, 2008, 10, 370.	2.1	22
142	Trace element fractionation processes in resuspended mineral aerosols extracted from Australian continental surface materials. Soil Research, 2008, 46, 128.	0.6	10
143	The effect of grazing on the fatty acid profile of longissimus thoracis muscle in Galician Blond calves. Animal, 2007, 1, 1227-1235.	1.3	13
144	A comment on SillanpÃÃ et al. (2003) Field and laboratory tests of a high volume cascade impactor. Journal of Aerosol Science, 34, 485â€“500.. Journal of Aerosol Science, 2007, 38, 136-138.	1.8	1

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145	Source origin of trace elements in PM from regional background, urban and industrial sites of Spain. Atmospheric Environment, 2007, 41, 7219-7231.	1.9	396
146	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.	1.9	41
147	Recreational atmospheric pollution episodes: Inhalable metalliferous particles from firework displays. Atmospheric Environment, 2007, 41, 913-922.	1.9	158
148	Preferential Fractionation of Trace Metalsâ€“Metalloids into PM10 Resuspended from Contaminated Gold Mine Tailings at Rodalquilar, Spain. Water, Air, and Soil Pollution, 2007, 179, 93-105.	1.1	55
149	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
150	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
151	Geochemical variations in aeolian mineral particles from the Saharaâ€“Sahel Dust Corridor. Chemosphere, 2006, 65, 261-270.	4.2	330
152	Nutritional characteristics of veal from weaned and unweaned calves: Discriminatory ability of the fat profile. Meat Science, 2006, 73, 209-217.	2.7	42
153	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.	1.9	21
154	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
155	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.	3.9	33
156	Exotic dust incursions into central Spain: Implications for legislative controls on atmospheric particulates. Atmospheric Environment, 2005, 39, 6109-6120.	1.9	41
157	Size fractionation in mercury-bearing airborne particles (HgPM10) at AlmadÃ©n, Spain: Implications for inhalation hazards around old mines. Atmospheric Environment, 2005, 39, 6409-6419.	1.9	47
158	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.	5.0	30
159	The spatial and temporal variations in PM10 mass from six UK homes. Science of the Total Environment, 2004, 324, 41-53.	3.9	37
160	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.	3.9	40
161	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.	3.9	62
162	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

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163	The geology of ambient aerosols: characterising urban and rural/coastal silicate PM10â^'2.5 and PM2.5 using high-volume cascade collection and scanning electron microscopy. Atmospheric Environment, 2003, 37, 4265-4276.	1.9	56
164	Airborne particles produced during enamel cleanup after removal of orthodontic appliances. American Journal of Orthodontics and Dentofacial Orthopedics, 2003, 124, 683-686.	0.8	45
165	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
166	Tectonomagmatism in continental arcs: evidence from the Sark arc complex. Tectonophysics, 2002, 352, 185-201.	0.9	11
167	Particle-induced oxidative damage is ameliorated by pulmonary antioxidants. Free Radical Biology and Medicine, 2002, 32, 898-905.	1.3	72
168	Platiniferous chromitite and the tectonic setting of ultramafic rocks in Cabo Ortegal, NW Spain. Journal of the Geological Society, 2001, 158, 601-614.	0.9	43
169	Analysis of Chemical and Biological Properties. , 0, , 105-140.		2