

Ana MarÃ- a SÃ;nchez de la Campa

List of Publications by Year in descending order

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76
papers

5,019
citations

87723

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all docs

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docs citations

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times ranked

5141
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#	ARTICLE	IF	CITATIONS
1	Physicochemical assessment of atmospheric particulate matter emissions during open-pit mining operations in a massive sulphide ore exploitation. <i>Atmospheric Pollution Research</i> , 2022, 13, 101391.	1.8	8
2	Impact of the SARS-CoV-2 lockdown measures in Southern Spain on PM10 trace element and gaseous pollutant concentrations. <i>Chemosphere</i> , 2022, 303, 134853.	4.2	6
3	Understanding the local and remote source contributions to ambient O3 during a pollution episode using a combination of experimental approaches in the Guadalquivir valley, southern Spain. <i>Science of the Total Environment</i> , 2021, 777, 144579.	3.9	6
4	Contribution of anthropogenic and natural sources in PM10 during North African dust events in Southern Europe. <i>Environmental Pollution</i> , 2021, 290, 118065.	3.7	17
5	The geochemical evolution of brines from phosphogypsum deposits in Huelva (SW Spain) and its environmental implications. <i>Science of the Total Environment</i> , 2020, 700, 134444.	3.9	11
6	Long term geochemical variation of brines derived from a major phosphogypsum pond of SW Europe. <i>Journal of Environmental Management</i> , 2020, 254, 109832.	3.8	6
7	Increased industry contribution and atmospheric heavy metals from economic recovery in Spain. <i>Journal of Cleaner Production</i> , 2020, 246, 119024.	4.6	13
8	Hazardous trace elements in thoracic fraction of airborne particulate matter: Assessment of temporal variations, sources, and health risks in a megacity. <i>Science of the Total Environment</i> , 2020, 710, 136344.	3.9	55
9	2009–2017 trends of PM10 in the legendary Riotinto mining district of SW Spain. <i>Atmospheric Research</i> , 2020, 238, 104878.	1.8	12
10	Hydrogen fluoride concentrations in ambient air of an urban area based on the emissions of a major phosphogypsum deposit (SW, Europe). <i>Science of the Total Environment</i> , 2020, 714, 136891.	3.9	14
11	Geochemistry and source contribution of fugitive phosphogypsum particles in Huelva, (SW Spain). <i>Atmospheric Research</i> , 2019, 230, 104650.	1.8	9
12	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
13	Short-term effects of ultrafine particles on daily mortality by primary vehicle exhaust versus secondary origin in three Spanish cities. <i>Environment International</i> , 2018, 111, 144-151.	4.8	55
14	Air quality trends in an industrialised area of SW Spain. <i>Journal of Cleaner Production</i> , 2018, 186, 465-474.	4.6	19
15	2005–2014 trends of PM10 source contributions in an industrialized area of southern Spain. <i>Environmental Pollution</i> , 2018, 236, 570-579.	3.7	35
16	Chemical composition and source apportionment of PM10 at an urban background site in a high-altitude Latin American megacity (Bogota, Colombia). <i>Environmental Pollution</i> , 2018, 233, 142-155.	3.7	64
17	Characterization of biomass burning from olive grove areas: A major source of organic aerosol in PM 10 of Southwest Europe. <i>Atmospheric Research</i> , 2018, 199, 1-13.	1.8	9
18	Characteristics and temporal variations of organic and elemental carbon aerosols in a high-altitude, tropical Latin American megacity. <i>Atmospheric Research</i> , 2018, 210, 110-122.	1.8	22

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19	Antimony speciation as geochemical tracer for anthropogenic emissions of atmospheric particulate matter. <i>Journal of Hazardous Materials</i> , 2017, 324, 213-220.	6.5	36
20	Geochemical anomalies of household dust in an industrialized city (Huelva, SW Spain). <i>Science of the Total Environment</i> , 2017, 587-588, 473-481.	3.9	13
21	Characterization of atmospheric black carbon and co-pollutants in urban and rural areas of Spain. <i>Atmospheric Environment</i> , 2017, 169, 36-53.	1.9	65
22	Desert Dust Outbreaks in Southern Europe: Contribution to Daily PM ₁₀ Concentrations and Short-Term Associations with Mortality and Hospital Admissions. <i>Environmental Health Perspectives</i> , 2016, 124, 413-419.	2.8	148
23	Microwave extraction as an alternative to ultrasound probe for antimony speciation in airborne particulate matter. <i>Microchemical Journal</i> , 2016, 124, 256-260.	2.3	18
24	Black Carbon aerosol measurements and simulation in two cities in south-west Spain. <i>Atmospheric Environment</i> , 2016, 126, 55-65.	1.9	10
25	Emissions from the combustion of eucalypt and pine chips in a fluidized bed reactor. <i>Journal of Environmental Sciences</i> , 2016, 42, 246-258.	3.2	10
26	Trends and sources vs air mass origins in a major city in South-western Europe: Implications for air quality management. <i>Science of the Total Environment</i> , 2016, 553, 305-315.	3.9	11
27	Modeling and evaluation of urban pollution events of atmospheric heavy metals from a large Cu-smelter. <i>Science of the Total Environment</i> , 2016, 539, 17-25.	3.9	65
28	Urban NH ₃ levels and sources in six major Spanish cities. <i>Chemosphere</i> , 2015, 119, 769-777.	4.2	53
29	Influence of operating conditions on chemical composition of particulate matter emissions from residential combustion. <i>Atmospheric Research</i> , 2015, 166, 92-100.	1.8	43
30	Geochemical anomalies of toxic elements and arsenic speciation in airborne particles from Cu mining and smelting activities: Influence on air quality. <i>Journal of Hazardous Materials</i> , 2015, 291, 18-27.	6.5	39
31	Analytical approaches for arsenic determination in air: A critical review. <i>Analytica Chimica Acta</i> , 2015, 898, 1-18.	2.6	34
32	Arsenic species in atmospheric particulate matter as tracer of the air quality of Doñana Natural Park (SW Spain). <i>Chemosphere</i> , 2015, 119, 1296-1303.	4.2	30
33	The risks of acute exposure to black carbon in Southern Europe: results from the MED-PARTICLES project. <i>Occupational and Environmental Medicine</i> , 2015, 72, 123-129.	1.3	46
34	Short-term effects of particulate matter constituents on daily hospitalizations and mortality in five South-European cities: Results from the MED-PARTICLES project. <i>Environment International</i> , 2015, 75, 151-158.	4.8	100
35	Implications for air quality and the impact of financial and economic crisis in South Spain: Geochemical evolution of atmospheric aerosol in the ceramic region of Bailén. <i>Atmospheric Environment</i> , 2014, 98, 519-529.	1.9	7
36	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

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37	Trends of road dust emissions contributions on ambient air particulate levels at rural, urban and industrial sites in southern Spain. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 3533-3544.	1.9	115
38	Chemical and Microbiological Characterization of Atmospheric Particulate Matter during an Intense African Dust Event in Southern Spain. <i>Environmental Science & Technology</i> , 2013, 47, 3630-3638.	4.6	43
39	Size distribution and concentrations of heavy metals in atmospheric aerosols originating from industrial emissions as predicted by the HYSPLIT model. <i>Atmospheric Environment</i> , 2013, 71, 234-244.	1.9	67
40	Contribution of mine wastes to atmospheric metal deposition in the surrounding area of an abandoned heavily polluted mining district (Rio Tinto mines, Spain). <i>Science of the Total Environment</i> , 2013, 449, 363-372.	3.9	95
41	Heavy metal deposition fluxes affecting an Atlantic coastal area in the southwest of Spain. <i>Atmospheric Environment</i> , 2013, 77, 509-517.	1.9	30
42	Measurements and simulation of speciated PM _{2.5} in south-west Europe. <i>Atmospheric Environment</i> , 2013, 77, 36-50.	1.9	11
43	Mineralogy of atmospheric dust impacting the Rio Tinto mining area (Spain) during episodes of high metal deposition. <i>Mineralogical Magazine</i> , 2013, 77, 2793-2810.	0.6	14
44	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
45	Ultrafine particle and fine trace metal (As, Cd, Cu, Pb and Zn) pollution episodes induced by industrial emissions in Huelva, SW Spain. <i>Atmospheric Environment</i> , 2012, 61, 507-517.	1.9	61
46	Modeling and surface observations of arsenic dispersion from a large Cu-smelter in southwestern Europe. <i>Atmospheric Environment</i> , 2012, 49, 114-122.	1.9	34
47	Health implications of the distribution of arsenic species in airborne particulate matter. <i>Journal of Inorganic Biochemistry</i> , 2012, 108, 112-114.	1.5	25
48	Levels and chemical composition of PM in a city near a large Cu-smelter in Spain. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1276.	2.1	37
49	Impact of abandoned mine waste on atmospheric respirable particulate matter in the historic mining district of Rio Tinto (Iberian Pyrite Belt). <i>Environmental Research</i> , 2011, 111, 1018-1023.	3.7	28
50	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
51	Summer 2009 wildfires in Portugal: Emission of trace gases and aerosol composition. <i>Atmospheric Environment</i> , 2011, 45, 641-649.	1.9	85
52	OC/EC ratio observations in Europe: Re-thinking the approach for apportionment between primary and secondary organic carbon. <i>Atmospheric Environment</i> , 2011, 45, 6121-6132.	1.9	336
53	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
54	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

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55	Modeling PM10 Originating from Dust Intrusions in the Southern Iberian Peninsula Using HYSPLIT. <i>Weather and Forecasting</i> , 2011, 26, 236-242.	0.5	23
56	Physiological and transcriptomic characterization of a <i>fliA</i> mutant of <i>Pseudomonas putida</i> KT2440. <i>Environmental Microbiology Reports</i> , 2010, 2, 373-380.	1.0	28
57	Ultrafine particle formation in the inland sea breeze airflow in Southwest Europe. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 9615-9630.	1.9	51
58	Organic speciation of atmospheric particles in Alvaro Natural Park (Portugal). <i>Environmental Monitoring and Assessment</i> , 2010, 168, 321-337.	1.3	15
59	Variations in vanadium, nickel and lanthanoid element concentrations in urban air. <i>Science of the Total Environment</i> , 2010, 408, 4569-4579.	3.9	163
60	Using PM10 geochemical maps for defining the origin of atmospheric pollution in Andalusia (Southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	40
61	Sugar (ribose), spice (peroxidase) and all things nice (laccase hairâ€dyes). <i>Microbial Biotechnology</i> , 2010, 3, 131-133.	2.0	4
62	Geochemical characterization of Cu-smelter emission plumes with impact in an urban area of SW Spain. <i>Atmospheric Research</i> , 2010, 96, 590-601.	1.8	43
63	High concentrations of heavy metals in PM from ceramic factories of Southern Spain. <i>Atmospheric Research</i> , 2010, 96, 633-644.	1.8	43
64	Characterization and origin of EC and OC particulate matter near the DoÃ±ana National Park (SW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.7	50
65	Spatial and temporal variations in airborne particulate matter (PM10 and PM2.5) across Spain 1999â€“2005. <i>Atmospheric Environment</i> , 2008, 42, 3964-3979.	1.9	287
66	Arsenic speciation study of PM2.5 in an urban area near a copper smelter. <i>Atmospheric Environment</i> , 2008, 42, 6487-6495.	1.9	66
67	Limits in energy generation and biotechnology of primary and secondary products. <i>Microbial Biotechnology</i> , 2008, 1, 343-344.	2.0	0
68	Characterization of a long range transport pollution episode affecting PM in SW Spain. <i>Journal of Environmental Monitoring</i> , 2008, 10, 1158.	2.1	15
69	Geochemistry and origin of PM10 in the Huelva region, Southwestern Spain. <i>Environmental Research</i> , 2007, 103, 305-316.	3.7	56
70	Arsenic speciation of atmospheric particulate matter (PM10) in an industrialised urban site in southwestern Spain. <i>Chemosphere</i> , 2007, 66, 1485-1493.	4.2	91
71	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
72	Identification and Chemical Characterization of Industrial Particulate Matter Sources in Southwest Spain. <i>Journal of the Air and Waste Management Association</i> , 2006, 56, 993-1006.	0.9	76

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73	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.	1.9	126
74	Levels of particulate matter in rural, urban and industrial sites in Spain. <i>Science of the Total Environment</i> , 2004, 334-335, 359-376.	3.9	159
75	Speciation and origin of PM10 and PM2.5 in Spain. <i>Journal of Aerosol Science</i> , 2004, 35, 1151-1172.	1.8	246
76	Source apportionment analysis of atmospheric particulates in an industrialised urban site in southwestern Spain. <i>Atmospheric Environment</i> , 2002, 36, 3113-3125.	1.9	147