

Sina Hasheminassab

List of Publications by Year in descending order

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33
papers

1,593
citations

218677

26
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

2252
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term source apportionment of ambient fine particulate matter (PM 2.5) in the Los Angeles Basin: A focus on emissions reduction from vehicular sources. <i>Environmental Pollution</i> , 2014, 193, 54-64.	7.5	120
2	Source apportionment of ambient particle number concentrations in central Los Angeles using positive matrix factorization (PMF). <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 4849-4866.	4.9	96
3	Associations of oxidative stress and inflammatory biomarkers with chemically-characterized air pollutant exposures in an elderly cohort. <i>Environmental Research</i> , 2016, 150, 306-319.	7.5	88
4	Advances in multiangle satellite remote sensing of speciated airborne particulate matter and association with adverse health effects: from MISR to MAIA. <i>Journal of Applied Remote Sensing</i> , 2018, 12, 1.	1.3	79
5	Emission rates of particle number, mass and black carbon by the Los Angeles International Airport (LAX) and its impact on air quality in Los Angeles. <i>Atmospheric Environment</i> , 2017, 151, 82-93.	4.1	64
6	Source apportionment and organic compound characterization of ambient ultrafine particulate matter (PM) in the Los Angeles Basin. <i>Atmospheric Environment</i> , 2013, 79, 529-539.	4.1	63
7	Chemical characterization and source apportionment of indoor and outdoor fine particulate matter (PM _{2.5}) in retirement communities of the Los Angeles Basin. <i>Science of the Total Environment</i> , 2014, 490, 528-537.	8.0	62
8	Fine and ultrafine particulate organic carbon in the Los Angeles basin: Trends in sources and composition. <i>Science of the Total Environment</i> , 2016, 541, 1083-1096.	8.0	59
9	Urban traffic-derived nanoparticulate matter reduces neurite outgrowth via TNF \pm in vitro. <i>Journal of Neuroinflammation</i> , 2016, 13, 19.	7.2	58
10	Associations between microvascular function and short-term exposure to traffic-related air pollution and particulate matter oxidative potential. <i>Environmental Health</i> , 2016, 15, 81.	4.0	57
11	Impact of primary and secondary organic sources on the oxidative potential of quasi-ultrafine particles (PM _{0.25}) at three contrasting locations in the Los Angeles Basin. <i>Atmospheric Environment</i> , 2015, 120, 286-296.	4.1	54
12	Seasonal and spatial variability in chemical composition and mass closure of ambient ultrafine particles in the megacity of Los Angeles. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 283-295.	3.5	53
13	Associations of Source-Specific Fine Particulate Matter With Emergency Department Visits in California. <i>American Journal of Epidemiology</i> , 2016, 184, 450-459.	3.4	53
14	Nighttime aqueous-phase secondary organic aerosols in Los Angeles and its implication for fine particulate matter composition and oxidative potential. <i>Atmospheric Environment</i> , 2016, 133, 112-122.	4.1	53
15	Oxidative potential of on-road fine particulate matter (PM 2.5) measured on major freeways of Los Angeles, CA, and a 10-year comparison with earlier roadside studies. <i>Atmospheric Environment</i> , 2017, 148, 102-114.	4.1	53
16	Source apportionment of the redox activity of urban quasi-ultrafine particles (PM _{0.49}) in Thessaloniki following the increased biomass burning due to the economic crisis in Greece. <i>Science of the Total Environment</i> , 2016, 568, 124-136.	8.0	52
17	Spatio-temporal trends and source apportionment of fossil fuel and biomass burning black carbon (BC) in the Los Angeles Basin. <i>Science of the Total Environment</i> , 2018, 640-641, 1231-1240.	8.0	51
18	Enhanced toxicity of aerosol in fog conditions in the Po Valley, Italy. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 7721-7731.	4.9	48

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19	Oxidative potential of coarse particulate matter (PM _{10-2.5}) and its relation to water solubility and sources of trace elements and metals in the Los Angeles Basin. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 2110-2121.	3.5	42
20	Societal shifts due to COVID-19 reveal large-scale complexities and feedbacks between atmospheric chemistry and climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	42
21	Diurnal and seasonal trends in the apparent density of ambient fine and coarse particles in Los Angeles. <i>Environmental Pollution</i> , 2014, 187, 1-9.	7.5	41
22	Source apportionment of fine particulate matter and risk of term low birth weight in California: Exploring modification by region and maternal characteristics. <i>Science of the Total Environment</i> , 2017, 605-606, 647-654.	8.0	41
23	Cause-specific stillbirth and exposure to chemical constituents and sources of fine particulate matter. <i>Environmental Research</i> , 2018, 160, 358-364.	7.5	39
24	The relative importance of tailpipe and non-tailpipe emissions on the oxidative potential of ambient particles in Los Angeles, CA. <i>Faraday Discussions</i> , 2016, 189, 361-380.	3.2	38
25	Spatial trends and sources of PM _{2.5} organic carbon volatility fractions (OC _x) across the Los Angeles Basin. <i>Atmospheric Environment</i> , 2019, 209, 201-211.	4.1	36
26	Land use regression models for ultrafine particles, fine particles, and black carbon in Southern California. <i>Science of the Total Environment</i> , 2020, 699, 134234.	8.0	35
27	Associations of Source-apportioned Fine Particles with Cause-specific Mortality in California. <i>Epidemiology</i> , 2018, 29, 639-648.	2.7	27
28	Impact of particulate matter (PM) emissions from ships, locomotives, and freeways in the communities near the ports of Los Angeles (POLA) and Long Beach (POLB) on the air quality in the Los Angeles county. <i>Atmospheric Environment</i> , 2018, 195, 159-169.	4.1	26
29	Impact of emissions from the Ports of Los Angeles and Long Beach on the oxidative potential of ambient PM _{0.25} measured across the Los Angeles County. <i>Science of the Total Environment</i> , 2019, 651, 638-647.	8.0	24
30	Long-term trends of PM _{2.5} and its carbon content in the South Coast Air Basin: A focus on the impact of wildfires. <i>Atmospheric Environment</i> , 2021, 255, 118431.	4.1	16
31	Age-specific seasonal associations between acute exposure to PM _{2.5} sources and cardiorespiratory hospital admissions in California. <i>Atmospheric Environment</i> , 2019, 218, 117029.	4.1	12
32	High time-resolution and time-integrated measurements of particulate metals and elements in an environmental justice community within the Los Angeles Basin: Spatio-temporal trends and source apportionment. <i>Atmospheric Environment: X</i> , 2020, 7, 100089.	1.4	11
33	Mapping Speciated Ambient Particulate Matter Concentrations with the Multi-Angle Imager for Aerosols (MAIA). , 2018, , .		0