Hassan Amini

List of Publications by Year
in descending order

105 papers	36,730 citations	117625 34 h-index	58581 82 g-index
108 all docs	108 docs citations	108 times ranked	61955 citing authors

#	Article	IF	Citations
1	Ultrafine particle exposure for bicycle commutes in rush and non-rush hour traffic: A repeated measures study in Copenhagen, Denmark. Environmental Pollution, 2022, 294, 118631.	7.5	13
2	Long-term exposure to road traffic noise and all-cause and cause-specific mortality: a Danish Nurse Cohort study. Science of the Total Environment, 2022, 820, 153057.	8.0	14
3	Long-term Air Pollution Exposure and Pneumonia-related Mortality in a Large Pooled European Cohort. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 1429-1439.	5.6	17
4	Birth weight following pregnancy wildfire smoke exposure in more than 1.5 million newborns in Brazil: A nationwide case-control study. The Lancet Regional Health Americas, 2022, 11, 100229.	2.6	6
5	Long-term exposure to air pollution and mortality in a Danish nationwide administrative cohort study: Beyond mortality from cardiopulmonary disease and lung cancer. Environment International, 2022, 164, 107241.	10.0	30
6	The impact of long-term weather changes on air quality in Brazil. Atmospheric Environment, 2022, 283, 119182.	4.1	5
7	Multiple air pollutants exposure and leukaemia incidence in Tehran, Iran from 2010 to 2016: a retrospective cohort study. BMJ Open, 2022, 12, e060562.	1.9	4
8	Functional Kriging for Spatiotemporal Modeling of Nitrogen Dioxide in a Middle Eastern Megacity. Atmosphere, 2022, 13, 1095.	2.3	1
9	Outdoor light at night and breast cancer incidence in the Danish Nurse Cohort. Environmental Research, 2021, 194, 110631.	7.5	18
10	Multiple air pollutant exposure and lung cancer in Tehran, Iran. Scientific Reports, 2021, 11, 9239.	3.3	20
11	Long-term exposure to road traffic noise and incident myocardial infarction. Environmental Epidemiology, 2021, 5, e148.	3.0	8
12	Long-term air pollution and road traffic noise exposure and COPD: the Danish Nurse Cohort. European Respiratory Journal, 2021, 58, 2004594.	6.7	14
13	Long-term exposure to ambient air pollution and road traffic noise and asthma incidence in adults: The Danish Nurse cohort. Environment International, 2021, 152, 106464.	10.0	24
14	Long-term exposure to air pollution, road traffic noise, and heart failure incidence: the Danish Nurse Cohort. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
15	Long-Term Exposure to Road Traffic Noise and Air Pollution, and Incident Atrial Fibrillation in the Danish Nurse Cohort. Environmental Health Perspectives, 2021, 129, 87002.	6.0	13
16	Super-learning and ensemble weighted averaging models to predict hyperlocal long-term exposure to fine particulate matter components in the United States. ISEE Conference Abstracts, 2021, 2021, .	0.0	1
17	Exposure to Ambient Air Pollution Before First Breath and Risk of Autism: a Population-Based Study in Tehran, Iran. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
18	Air quality changed disproportionally across the world urban agglomerations, countries, and regions due to COVID-19 lockdown measures. ISEE Conference Abstracts, 2021, 2021, .	0.0	0

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19	Multiple Air pollutant exposure and lung cancer in Tehran, Iran. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
20	PM2.5-associated burden of disease and its cost in 429 Iranian counties from 2016 to 2018. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
21	Nationwide assessment of green spaces around 186,080 schools in Brazil. Cities, 2021, , 103435.	5.6	3
22	Exposure to ultrafine particles while walking or bicycling during COVID-19 closures: A repeated measures study in Copenhagen, Denmark. Science of the Total Environment, 2021, 791, 148301.	8.0	14
23	Proximity of schools to roads and studentsâ€™ academic performance: A cross-sectional study in the Federal District, Brazil. Environmental Research, 2021, 202, 111770.	7.5	2
24	Longâ€Term Exposure to Air Pollution, Road Traffic Noise, and Heart Failure Incidence: The Danish Nurse Cohort. Journal of the American Heart Association, 2021, 10, e021436.	3.7	11
25	WHO Air Quality Guidelines Need to be Adopted. International Journal of Public Health, 2021, 66, 1604483.	2.3	14
26	Weather, air pollution, and SARS-CoV-2 transmission: a global analysis. Lancet Planetary Health, The, 2021, 5, e671-e680.	11.4	42
27	Long-term exposure to road traffic noise and stroke incidence: a Danish Nurse Cohort study. Environmental Health, 2021, 20, 115.	4.0	14
28	Health impacts of wildfire-related air pollution in Brazil: a nationwide study of more than 2 million hospital admissions between 2008 and 2018. Nature Communications, 2021, 12, 6555.	12.8	40
29	Assessing NO₂ Concentration and Model Uncertainty with High Spatiotemporal Resolution across the Contiguous United States Using Ensemble Model Averaging. Environmental Science & Technology, 2020, 54, 1372-1384.	10.0	155
30	Concurrent spatiotemporal daily land use regression modeling and missing data imputation of fine particulate matter using distributed space-time expectation maximization. Atmospheric Environment, 2020, 224, 117202.	4.1	15
31	The concentration of BTEX compounds and health risk assessment in municipal solid waste facilities and urban areas. Environmental Research, 2020, 191, 110068.	7.5	26
32	Long-term exposure to low levels of air pollution and mortality adjusting for road traffic noise: A Danish Nurse Cohort study. Environment International, 2020, 143, 105983.	10.0	22
33	Tehran environmental and neurodevelopmental disorders (TEND) cohort study: Phase I, feasibility assessment. Journal of Environmental Health Science & Engineering, 2020, 18, 733-742.	3.0	0
34	An Ensemble Learning Approach for Estimating High Spatiotemporal Resolution of Ground-Level Ozone in the Contiguous United States. Environmental Science & Technology, 2020, 54, 11037-11047.	10.0	114
35	Predicting Fine Particulate Matter (PM2.5) in the Greater London Area: An Ensemble Approach using Machine Learning Methods. Remote Sensing, 2020, 12, 914.	4.0	71
36	Long-term exposure to air pollution and stroke incidence: A Danish Nurse cohort study. Environment International, 2020, 142, 105891.	10.0	54

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37	The burden of cardiovascular and respiratory diseases attributed to ambient sulfur dioxide over 26 years. Journal of Environmental Health Science & Engineering, 2020, 18, 267-278.	3.0	12
38	Long-term exposure to air pollution, road traffic noise and asthma incidence: the Danish Nurse Cohort. , 2020, , .		0
39	Outdoor Light at Night and Diabetes Incidence in the Danish Nurse Cohort Study. ISEE Conference Abstracts, 2020, 2020, .	0.0	1
40	Long-term exposure to air pollution and heart failure: a systematic review and meta-analyses. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
41	Outdoor Light at Night and Breast Cancer Incidence in the Danish Nurse Cohort Study. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
42	Ensemble averaging based high resolution PM2.5 exposure assessment in two major Indian cities over 2010 to 2016. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
43	Long-term Exposure to Low Concentration of PM2.5 and Mortality: A Danish Nurse Cohort Study. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
44	Long-term exposure to road traffic noise and incident heart failure ina Danish Nurse Cohort. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
45	Long-term exposure to road traffic noise and cause-specific mortality: a Danish Nurse Cohort Study. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
46	Maternal exposure to air pollutants and birth weight in Tehran, Iran. Journal of Environmental Health Science & Engineering, 2019, 17, 711-717.	3.0	6
47	An ensemble-based model of PM2.5 concentration across the contiguous United States with high spatiotemporal resolution. Environment International, 2019, 130, 104909.	10.0	370
48	Short-term associations between daily mortality and ambient particulate matter, nitrogen dioxide, and the air quality index in a Middle Eastern megacity. Environmental Pollution, 2019, 254, 113121.	7.5	56
49	National and sub-national exposure to ambient fine particulate matter (PM2.5) and its attributable burden of disease in Iran from 1990 to 2016. Environmental Pollution, 2019, 255, 113173.	7.5	47
50	Calibration of Spatiotemporal Missing Data Imputation Algorithm in Distributed Space-Time Expectation-Maximization with Application in Recovering of Air Pollution Missing Data in Multi-Site Monitoring Network. Environmental Epidemiology, 2019, 3, 9-10.	3.0	0
51	Air pollution, environmental chemicals, and smoking may trigger vitamin D deficiency: Evidence and potential mechanisms. Environment International, 2019, 122, 67-90.	10.0	112
52	Long-term trends and health impact of PM2.5 and O3 in Tehran, Iran, 2006â€“2015. Environment International, 2018, 114, 37-49.	10.0	160
53	Temporal and spatial evaluation of environmental noise in urban area: a case study in Iran. International Journal of Environmental Science and Technology, 2018, 15, 1179-1192.	3.5	6
54	Data Integration for the Assessment of Population Exposure to Ambient Air Pollution for Global Burden of Disease Assessment. Environmental Science & Technology, 2018, 52, 9069-9078.	10.0	154

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55	Long-term exposure to ambient air pollution and autism spectrum disorder in children: A case-control study in Tehran, Iran. Science of the Total Environment, 2018, 643, 1216-1222.	8.0	49
56	Land Use Regression Models for BTEX Volatile Organic Compounds in a Middle Eastern Megacity: Tehran Study of Exposure Prediction for Environmental Health Research (Tehran SEPEHR). ISEE Conference Abstracts, 2018, 2017, 936.	0.0	1
57	Short-Term Associations between Daily Mortality and Fine Particulate Matter, Nitrogen Dioxide, and the Air Quality Index in Tehran, Iran. ISEE Conference Abstracts, 2018, 2018, .	0.0	0
58	Spatiotemporal description of BTEX volatile organic compounds in a Middle Eastern megacity: Tehran Study of Exposure Prediction for Environmental Health Research (Tehran SEPEHR). Environmental Pollution, 2017, 226, 219-229.	7.5	78
59	A systematic review of land use regression models for volatile organic compounds. Atmospheric Environment, 2017, 171, 1-16.	4.1	29
60	Short-term association between ambient air pollution and pneumonia in children: A systematic review and meta-analysis of time-series and case-crossover studies. Environmental Pollution, 2017, 230, 1000-1008.	7.5	196
61	Land Use Regression Models for Alkylbenzenes in a Middle Eastern Megacity: Tehran Study of Exposure Prediction for Environmental Health Research (Tehran SEPEHR). Environmental Science & Technology, 2017, 51, 8481-8490.	10.0	32
62	Estimating national dioxins and furans emissions, major sources, intake doses, and temporal trends in Iran from 1990â€“2010. Journal of Environmental Health Science & Engineering, 2017, 15, 20.	3.0	8
63	Annual and seasonal spatial models for nitrogen oxides in Tehran, Iran. Scientific Reports, 2016, 6, 32970.	3.3	34
64	Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1603-1658.	13.7	1,612
65	Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1459-1544.	13.7	4,934
66	Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1545-1602.	13.7	5,298
67	Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1659-1724.	13.7	4,203
68	Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1813-1850.	13.7	413
69	A new pharmacological role for thalidomide: Attenuation of morphine-induced tolerance in rats. Acta Anaesthesiologica Taiwanica, 2016, 54, 65-69.	1.0	2
70	Health in times of uncertainty in the eastern Mediterranean region, 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. The Lancet Global Health, 2016, 4, e704-e713.	6.3	147
71	Spatial and temporal variability of fluoride concentrations in groundwater resources of Larestan and Gerash regions in Iran from 2003 to 2010. Environmental Geochemistry and Health, 2016, 38, 25-37.	3.4	44
72	National and sub-national drinking water fluoride concentrations and prevalence of fluorosis and of decayed, missed, and filled teeth in Iran from 1990 to 2015: a systematic review. Environmental Science and Pollution Research, 2016, 23, 5077-5098.	5.3	35

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73	Ambient Air Pollution Exposure Estimation for the Global Burden of Disease 2013. Environmental Science & Technology, 2016, 50, 79-88.	10.0	886
74	Spatial variation of ambient volatile organic compounds in Tehran, Iran. ISEE Conference Abstracts, 2016, 2016, .	0.0	0
75	Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990â€"2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2015, 386, 743-800.	13.7	4,951
76	Global, regional, and national disability-adjusted life years (DALYs) for 306 diseases and injuries and healthy life expectancy (HALE) for 188 countries, 1990â€"2013: quantifying the epidemiological transition. Lancet, The, 2015, 386, 2145-2191.	13.7	1,544
77	Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990â€"2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2015, 386, 2287-2323.	13.7	2,184
78	Global, regional, and national ageâ€"sex specific all-cause and cause-specific mortality for 240 causes of death, 1990â€"2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2015, 385, 117-171.	13.7	5,847
79	Spatial Models To Estimate Long-Term Exposure To NO, NO2, And NOx In The Mega-City Of Tehran, Iran. ISEE Conference Abstracts, 2015, 2015, 1136.	0.0	0
80	Potential Impact of Air Pollution on Multiple Sclerosis in Tehran, Iran. Neuroepidemiology, 2014, 43, 233-238.	2.3	98
81	Spatial distribution of heavy metals in soil, water, and vegetables of farms in Sanandaj, Kurdistan, Iran. Journal of Environmental Health Science & Engineering, 2014, 12, 136.	3.0	48
82	Global, regional, and national incidence and mortality for HIV, tuberculosis, and malaria during 1990â€"2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2014, 384, 1005-1070.	13.7	786
83	Global, regional, and national levels and causes of maternal mortality during 1990â€"2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2014, 384, 980-1004.	13.7	1,230
84	Land use regression models to estimate the annual and seasonal spatial variability of sulfur dioxide and particulate matter in Tehran, Iran. Science of the Total Environment, 2014, 488-489, 343-353.	8.0	99
85	How within-city socioeconomic disparities affect life expectancy? Results of Urban HEART in Tehran, Iran. Medical Journal of the Islamic Republic of Iran, 2014, 28, 80.	0.9	5
86	National and sub-national environmental burden of disease in Iran from 1990 to 2013-study profile. Archives of Iranian Medicine, 2014, 17, 62-70.	0.6	19
87	A framework for exploration and cleaning of environmental data--Tehran air quality data experience. Archives of Iranian Medicine, 2014, 17, 821-9.	0.6	11
88	Health impact assessment of air pollution in Shiraz, Iran: a two-part study. Journal of Environmental Health Science & Engineering, 2013, 11, 11.	3.0	64
89	Comments on: The evaluation of PM10, PM2.5, and PM1 concentrations during the Middle Eastern Dust (MED) events in Ahvaz, Iran, from April through September 2010 (http://dx.doi.org/10.1016/j.jaridenv.2011.09.007). Journal of Arid Environments, 2013, 97, 1-2.	2.4	4
90	Cutaneous and post kala-azar dermal leishmaniasis caused byLeishmania infantumin endemic areas of visceral leishmaniasis, northwestern Iran 2002â€"2011: a case series. Pathogens and Global Health, 2013, 107, 194-197.	2.3	45

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91	P-308. Epidemiology, 2012, 23, 1.	2.7	0
92	O-139. Epidemiology, 2012, 23, 1.	2.7	0
93	P-307. Epidemiology, 2012, 23, 1.	2.7	1
94	P-003. Epidemiology, 2012, 23, 1.	2.7	1
95	P-309. Epidemiology, 2012, 23, 1.	2.7	1
96	FC22-05 - Effectiveness of a home aftercare service for patients with schizophrenia and bipolar disorder: A 12-month randomized controlled study. European Psychiatry, 2011, 26, 1938-1938.	0.2	1
97	Exposure Assessment to Dust and Free Silica for Workers of Sangan Iron Ore Mine in Khaf, Iran. Bulletin of Environmental Contamination and Toxicology, 2011, 87, 531-538.	2.7	6
98	Drinking Water Fluoride and Blood Pressure? An Environmental Study. Biological Trace Element Research, 2011, 144, 157-163.	3.5	33
99	Effects of n-3 fatty acid EPA in the treatment of depression. Proceedings of the Nutrition Society, 2008, 67, .	1.0	1
100	Hydrogen Sulfide Removal by Thiobacillus thioparus Bacteria on Seashell Bed Biofilters. Pakistan Journal of Biological Sciences, 2008, 11, 920-924.	0.5	6
101	Effects of n-3 fatty acid EPA in the treatment of depression. Proceedings of the Nutrition Society, 2008, 67, .	1.0	0
102	Comparison of mirtazapine and fluoxetine in the treatment of major depressive disorder: a double-blind, randomized trial. Journal of Clinical Pharmacy and Therapeutics, 2005, 30, 133-138.	1.5	18
103	Weather Conditions and COVID-19 Transmission: Estimates and Projections. SSRN Electronic Journal, 0, , .	0.4	10
104	National and sub-national estimation of benzene emission trend into atmosphere in Iran from 1990 to 2013. Journal of Air Pollution and Health, 0, , .	0.0	1
105	Long-Term Exposure to Air Pollution and Road Traffic Noise and Incidence of Chronic Obstructive Pulmonary Disease: The Danish Nurse Cohort. SSRN Electronic Journal, 0, , .	0.4	0