Hassan Amini

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4705678/publications.pdf

Version: 2024-02-01

105 papers	36,730 citations	117453 34 h-index	58464 82 g-index
108 all docs	108 docs citations	108 times ranked	61955 citing authors

#	Article	IF	Citations
1	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.	6.3	5,847
2	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.	6.3	5,298
3	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.	6.3	4,951
4	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.	6.3	4,934
5	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.	6.3	4,203
6	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.	6.3	2,184
7	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.	6.3	1,612
8	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.	6.3	1,544
9	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.	6.3	1,230
10	Ambient Air Pollution Exposure Estimation for the Global Burden of Disease 2013. Environmental Science & Technology, 2016, 50, 79-88.	4.6	886
11	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.	6.3	786
12	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.	6.3	413
13	An ensemble-based model of PM2.5 concentration across the contiguous United States with high spatiotemporal resolution. Environment International, 2019, 130, 104909.	4.8	370
14	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.	3.7	196
15	Long-term trends and health impact of PM2.5 and O3 in Tehran, Iran, 2006â€“2015. Environment International, 2018, 114, 37-49.	4.8	160
16	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.	4.6	155
17	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.	4.6	154
18	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.	2.9	147

#	Article	IF	Citations
19	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.	4.6	114
20	Air pollution, environmental chemicals, and smoking may trigger vitamin D deficiency: Evidence and potential mechanisms. Environment International, 2019, 122, 67-90.	4.8	112
21	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.	3.9	99
22	Potential Impact of Air Pollution on Multiple Sclerosis in Tehran, Iran. Neuroepidemiology, 2014, 43, 233-238.	1.1	98
23	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.	3.7	78
24	Predicting Fine Particulate Matter (PM2.5) in the Greater London Area: An Ensemble Approach using Machine Learning Methods. Remote Sensing, 2020, 12, 914.	1.8	71
25	Health impact assessment of air pollution in Shiraz, Iran: a two-part study. Journal of Environmental Health Science & Engineering, 2013, 11, 11.	1.4	64
26	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.	3.7	56
27	Long-term exposure to air pollution and stroke incidence: A Danish Nurse cohort study. Environment International, 2020, 142, 105891.	4.8	54
28	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.	3.9	49
29	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.	1.4	48
30	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.	3.7	47
31	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.	1.0	45
32	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.	1.8	44
33	Weather, air pollution, and SARS-CoV-2 transmission: a global analysis. Lancet Planetary Health, The, 2021, 5, e671-e680.	5.1	42
34	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.	5.8	40
35	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.	2.7	35
36	Annual and seasonal spatial models for nitrogen oxides in Tehran, Iran. Scientific Reports, 2016, 6, 32970.	1.6	34

#	Article	IF	Citations
37	Drinking Water Fluoride and Blood Pressure? An Environmental Study. Biological Trace Element Research, 2011, 144, 157-163.	1.9	33
38	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.	4.6	32
39	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.	4.8	30
40	A systematic review of land use regression models for volatile organic compounds. Atmospheric Environment, 2017, 171, 1-16.	1.9	29
41	The concentration of BTEX compounds and health risk assessment in municipal solid waste facilities and urban areas. Environmental Research, 2020, 191, 110068.	3.7	26
42	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.	4.8	24
43	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.	4.8	22
44	Multiple air pollutant exposure and lung cancer in Tehran, Iran. Scientific Reports, 2021, 11, 9239.	1.6	20
45	National and sub-national environmental burden of disease in Iran from 1990 to 2013-study profile. Archives of Iranian Medicine, 2014, 17, 62-70.	0.2	19
46	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.	0.7	18
47	Outdoor light at night and breast cancer incidence in the Danish Nurse Cohort. Environmental Research, 2021, 194, 110631.	3.7	18
48	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.	2.5	17
49	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.	1.9	15
50	Long-term air pollution and road traffic noise exposure and COPD: the Danish Nurse Cohort. European Respiratory Journal, 2021, 58, 2004594.	3.1	14
51	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.	3.9	14
52	WHO Air Quality Guidelines Need to be Adopted. International Journal of Public Health, 2021, 66, 1604483.	1.0	14
53	Long-term exposure to road traffic noise and stroke incidence: a Danish Nurse Cohort study. Environmental Health, 2021, 20, 115.	1.7	14
54	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.	3.9	14

#	Article	IF	Citations
55	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.	2.8	13
56	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.	3.7	13
57	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.	1.4	12
58	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.	1.6	11
59	A framework for exploration and cleaning of environmental data--Tehran air quality data experience. Archives of Iranian Medicine, 2014, 17, 821-9.	0.2	11
60	Weather Conditions and COVID-19 Transmission: Estimates and Projections. SSRN Electronic Journal, 0, , .	0.4	10
61	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.	1.4	8
62	Long-term exposure to road traffic noise and incident myocardial infarction. Environmental Epidemiology, 2021, 5, e148.	1.4	8
63	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.	1.3	6
64	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.	1.8	6
65	Maternal exposure to air pollutants and birth weight in Tehran, Iran. Journal of Environmental Health Science & Engineering, 2019, 17, 711-717.	1.4	6
66	Hydrogen Sulfide Removal by Thiobacillus thioparus Bacteria on Seashell Bed Biofilters. Pakistan Journal of Biological Sciences, 2008, 11, 920-924.	0.2	6
67	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.	1.5	6
68	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
69	The impact of long-term weather changes on air quality in Brazil. Atmospheric Environment, 2022, 283, 119182.	1.9	5
70	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.	1.2	4
71	Multiple air pollutants exposure and leukaemia incidence in Tehran, Iran from 2010 to 2016: a retrospective cohort study. BMJ Open, 2022, 12, e060562.	0.8	4
72	Nationwide assessment of green spaces around 186,080 schools in Brazil. Cities, 2021, , 103435.	2.7	3

#	Article	IF	Citations
73	A new pharmacological role for thalidomide: Attenuation of morphine-induced tolerance in rats. Acta Anaesthesiologica Taiwanica, 2016, 54, 65-69.	1.0	2
74	Proximity of schools to roads and studentsâ€™ academic performance: A cross-sectional study in the Federal District, Brazil. Environmental Research, 2021, 202, 111770.	3.7	2
75	Effects of n-3 fatty acid EPA in the treatment of depression. Proceedings of the Nutrition Society, 2008, 67, .	0.4	1
76	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.	0.1	1
77	P-307. Epidemiology, 2012, 23, 1.	1.2	1
78	P-003. Epidemiology, 2012, 23, 1.	1.2	1
79	P-309. Epidemiology, 2012, 23, 1.	1.2	1
80	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
81	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
82	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
83	Outdoor Light at Night and Diabetes Incidence in the Danish Nurse Cohort Study. ISEE Conference Abstracts, 2020, 2020, .	0.0	1
84	Functional Kriging for Spatiotemporal Modeling of Nitrogen Dioxide in a Middle Eastern Megacity. Atmosphere, 2022, 13, 1095.	1.0	1
85	P-308. Epidemiology, 2012, 23, 1.	1.2	0
86	O-139. Epidemiology, 2012, 23, 1.	1.2	0
87	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.	1.4	0
88	Tehran environmental and neurodevelopmental disorders (TEND) cohort study: Phase I, feasibility assessment. Journal of Environmental Health Science & Engineering, 2020, 18, 733-742.	1.4	0
89	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
90	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

#	Article	IF	Citations
91	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
92	Multiple Air pollutant exposure and lung cancer in Tehran, Iran. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
93	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
94	Effects of n-3 fatty acid EPA in the treatment of depression. Proceedings of the Nutrition Society, 2008, 67, .	0.4	0
95	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
96	Spatial variation of ambient volatile organic compounds in Tehran, Iran. ISEE Conference Abstracts, 2016, 2016, .	0.0	0
97	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
98	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
99	Long-term exposure to air pollution, road traffic noise and asthma incidence: the Danish Nurse Cohort. , 2020, , .		0
100	Long-term exposure to air pollution and heart failure: a systematic review and meta-analyses. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
101	Outdoor Light at Night and Breast Cancer Incidence in the Danish Nurse Cohort Study. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
102	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
103	Long-term Exposure to Low Concentration of PM2.5 and Mortality: A Danish Nurse Cohort Study. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
104	Long-term exposure to road traffic noise and incident heart failure ina Danish Nurse Cohort. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
105	Long-term exposure to road traffic noise and cause-specific mortality: a Danish Nurse Cohort Study. ISEE Conference Abstracts, 2020, 2020, .	0.0	0