Matteo Renzi

List of Publications by Year in descending order

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35 papers	1,510 citations	394286 19 h-index	330025 37 g-index
41 all docs	41 docs citations	41 times ranked	1634 citing authors

#	Article	IF	Citations
1	Estimation of daily PM10 and PM2.5 concentrations in Italy, 2013â€“2015, using a spatiotemporal land-use random-forest model. Environment International, 2019, 124, 170-179.	4.8	251
2	Long-term exposure to low ambient air pollution concentrations and mortality among 28 million people: results from seven large European cohorts within the ELAPSE project. Lancet Planetary Health, The, 2022, 6, e9-e18.	5.1	130
3	Long-term exposure to low-level ambient air pollution and incidence of stroke and coronary heart disease: a pooled analysis of six European cohorts within the ELAPSE project. Lancet Planetary Health, The, 2021, 5, e620-e632.	5.1	123
4	Air pollution and occurrence of type 2 diabetes in a large cohort study. Environment International, 2018, 112, 68-76.	4.8	111
5	Long term exposure to low level air pollution and mortality in eight European cohorts within the ELAPSE project: pooled analysis. BMJ, The, 2021, 374, n1904.	3.0	93
6	Long-term low-level ambient air pollution exposure and risk of lung cancer â€“ A pooled analysis of 7 European cohorts. Environment International, 2021, 146, 106249.	4.8	79
7	Short-term health effects from outdoor exposure to biomass burning emissions: A review. Science of the Total Environment, 2021, 781, 146739.	3.9	64
8	Long-term exposure to air pollution and hospitalization for dementia in the Rome longitudinal study. Environmental Health, 2019, 18, 72.	1.7	61
9	Long-Term Exposure to Fine Particle Elemental Components and Natural and Cause-Specific Mortalityâ€”a Pooled Analysis of Eight European Cohorts within the ELAPSE Project. Environmental Health Perspectives, 2021, 129, 47009.	2.8	53
10	A multi-city air pollution population exposure study: Combined use of chemical-transport and random-Forest models with dynamic population data. Science of the Total Environment, 2020, 724, 138102.	3.9	45
11	Association between Air Pollution and Emergency Room Visits for Atrial Fibrillation. International Journal of Environmental Research and Public Health, 2017, 14, 661.	1.2	39
12	A Random Forest Approach to Estimate Daily Particulate Matter, Nitrogen Dioxide, and Ozone at Fine Spatial Resolution in Sweden. Atmosphere, 2020, 11, 239.	1.0	38
13	Long-Term PM10 Exposure and Cause-Specific Mortality in the Latium Region (Italy): A Difference-in-Differences Approach. Environmental Health Perspectives, 2019, 127, 67004.	2.8	37
14	Analysis of Temporal Variability in the Short-term Effects of Ambient Air Pollutants on Nonaccidental Mortality in Rome, Italy (1998â€“2014). Environmental Health Perspectives, 2017, 125, 067019.	2.8	36
15	Longâ€term exposure to air pollution and liver cancer incidence in six European cohorts. International Journal of Cancer, 2021, 149, 1887-1897.	2.3	35
16	Long-term exposure to fine particle elemental components and lung cancer incidence in the ELAPSE pooled cohort. Environmental Research, 2021, 193, 110568.	3.7	32
17	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
18	Short-term effects of particulate matter on cardiovascular morbidity in Italy: a national analysis. European Journal of Preventive Cardiology, 2022, 29, 1202-1211.	0.8	26

#	Article	IF	Citations
19	A nationwide study of air pollution from particulate matter and daily hospitalizations for respiratory diseases in Italy. Science of the Total Environment, 2022, 807, 151034.	3.9	24
20	Meta-analysis on short-term exposure to ambient ultrafine particles and respiratory morbidity. European Respiratory Review, 2020, 29, 200116.	3.0	22
21	Modeling multi-level survival data in multi-center epidemiological cohort studies: Applications from the ELAPSE project. Environment International, 2021, 147, 106371.	4.8	19
22	Variability in the association between long-term exposure to ambient air pollution and mortality by exposure assessment method and covariate adjustment: A census-based country-wide cohort study. Science of the Total Environment, 2022, 804, 150091.	3.9	19
23	Short-term effects of desert and non-desert PM10 on mortality in Sicily, Italy. Environment International, 2018, 120, 472-479.	4.8	17
24	Impact of different exposure models and spatial resolution on the long-term effects of air pollution. Environmental Research, 2021, 192, 110351.	3.7	17
25	Short-term exposure to PM2.5 and risk of venous thromboembolism: A case-crossover study. Thrombosis Research, 2020, 190, 52-57.	0.8	13
26	Association of long-term exposure to PM_{2.5} with hypertension prevalence and blood pressure in China: a cross-sectional study. BMJ Open, 2021, 11, e050159.	0.8	12
27	Long-term exposure to fine particle elemental components and mortality in Europe: Results from six European administrative cohorts within the ELAPSE project. Science of the Total Environment, 2022, 809, 152205.	3.9	11
28	Multiannual assessment of the desert dust impact on air quality in Italy combining PM10 data with physics-based and geostatistical models. Environment International, 2022, 163, 107204.	4.8	11
29	Short-term exposure to air pollution might exacerbate autoimmune diseases. Environmental Epidemiology, 2018, 2, e025.	1.4	9
30	Acute Effects of Particulate Matter on All-Cause Mortality in Urban, Rural, and Suburban Areas, Italy. International Journal of Environmental Research and Public Health, 2021, 18, 12895.	1.2	9
31	Exposure to surrounding greenness and natural-cause and cause-specific mortality in the ELAPSE pooled cohort. Environment International, 2022, 166, 107341.	4.8	9
32	Does chronic exposure to high levels of nitrogen dioxide exacerbate the short-term effects of airborne particles?. Occupational and Environmental Medicine, 2016, 73, oemed-2016-103666.	1.3	8
33	A microscale hybrid modelling system to assess the air quality over a large portion of a large European city. Atmospheric Environment, 2021, 264, 118656.	1.9	7
34	Association between air temperature, air pollution and hospital admissions for pulmonary embolism and venous thrombosis in Italy. European Journal of Internal Medicine, 2021, , .	1.0	5
35	Long-term exposure to air pollution and risk of venous thromboembolism in a large administrative cohort. Environmental Health, 2022, 21, 21.	1.7	5