Andrea Ranzi

List of Publications by Year
in descending order

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85	9,290	66343	48315
papers	citations	42 h-index	88 g-index

93	93	93	10101
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Air pollution and lung cancer incidence in 17 European cohorts: prospective analyses from the European Study of Cohorts for Air Pollution Effects (ESCAPE). Lancet Oncology, The, 2013, 14, 813-822.	10.7	1,225
2	Effects of long-term exposure to air pollution on natural-cause mortality: an analysis of 22 European cohorts within the multicentre ESCAPE project. Lancet, The, 2014, 383, 785-795.	13.7	1,077
3	Development of Land Use Regression Models for PM_{2.5}, PM_{2.5} Absorbance, PM₁₀ and PM_{coarse} in 20 European Study Areas; Results of the ESCAPE Project. Environmental Science & Technology, 2012, 46, 11195-11205.	10.0	877
4	Development of NO2 and NOx land use regression models for estimating air pollution exposure in 36 study areas in Europe â€“ The ESCAPE project. Atmospheric Environment, 2013, 72, 10-23.	4.1	719
5	Long term exposure to ambient air pollution and incidence of acute coronary events: prospective cohort study and meta-analysis in 11 European cohorts from the ESCAPE Project. BMJ, The, 2014, 348, f7412-f7412.	6.0	481
6	Spatial variation of PM2.5, PM10, PM2.5 absorbance and PMcoarse concentrations between and within 20 European study areas and the relationship with NO2 â€“ Results of the ESCAPE project. Atmospheric Environment, 2012, 62, 303-317.	4.1	392
7	Long-Term Exposure to Ambient Air Pollution and Incidence of Cerebrovascular Events: Results from 11 European Cohorts within the ESCAPE Project. Environmental Health Perspectives, 2014, 122, 919-925.	6.0	285
8	Variation of NO2 and NOx concentrations between and within 36 European study areas: Results from the ESCAPE study. Atmospheric Environment, 2012, 62, 374-390.	4.1	274
9	Long-term Exposure to Air Pollution and Cardiovascular Mortality. Epidemiology, 2014, 25, 368-378.	2.7	272
10	Particulate matter air pollution components and risk for lung cancer. Environment International, 2016, 87, 66-73.	10.0	219
11	Cramped Synchronized General Movements in Preterm Infants as an Early Marker for Cerebral Palsy. JAMA Pediatrics, 2002, 156, 460.	3.0	205
12	Short-term Associations between Fine and Coarse Particulate Matter and Hospitalizations in Southern Europe: Results from the MED-PARTICLES Project. Environmental Health Perspectives, 2013, 121, 1026-1033.	6.0	180
13	Erythrocyte sedimentation rate and C-reactive protein in the evaluation of disease activity and severity in polymyalgia rheumatica: A prospective follow-up study. Seminars in Arthritis and Rheumatism, 2000, 30, 17-24.	3.4	178
14	Development of Land Use Regression Models for Particle Composition in Twenty Study Areas in Europe. Environmental Science & Technology, 2013, 47, 5778-5786.	10.0	167
15	Desert Dust Outbreaks in Southern Europe: Contribution to Daily PM ₁₀ Concentrations and Short-Term Associations with Mortality and Hospital Admissions. Environmental Health Perspectives, 2016, 124, 413-419.	6.0	148
16	Natural-Cause Mortality and Long-Term Exposure to Particle Components: An Analysis of 19 European Cohorts within the Multi-Center ESCAPE Project. Environmental Health Perspectives, 2015, 123, 525-533.	6.0	130
17	Long-term exposure to elemental constituents of particulate matter and cardiovascular mortality in 19 European cohorts: Results from the ESCAPE and TRANSPHORM projects. Environment International, 2014, 66, 97-106.	10.0	127
18	Short-term effects of particulate matter constituents on daily hospitalizations and mortality in five South-European cities: Results from the MED-PARTICLES project. Environment International, 2015, 75, 151-158.	10.0	100

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19	Evaluation of Land Use Regression Models for NO₂ and Particulate Matter in 20 European Study Areas: The ESCAPE Project. Environmental Science & Technology, 2013, 47, 4357-4364.	10.0	96
20	Age-specific risk of fetal loss post second trimester amniocentesis: analysis of 5043 cases. Prenatal Diagnosis, 2007, 27, 180-183.	2.3	89
21	Oxidative stress and inflammation mediate the effect of air pollution on cardioâ€•and cerebrovascular disease: A prospective study in nonsmokers. Environmental and Molecular Mutagenesis, 2018, 59, 234-246.	2.2	88
22	General Movements in Full-Term Infants with Perinatal Asphyxia Are Related to Basal Ganglia and Thalamic Lesions. Journal of Pediatrics, 2011, 158, 904-911.	1.8	87
23	Short-term effects of particulate matter on mortality during forest fires in Southern Europe: results of the MED-PARTICLES Project. Occupational and Environmental Medicine, 2015, 72, 323-329.	2.8	81
24	Comparison of regression models with land-use and emissions data to predict the spatial distribution of traffic-related air pollution in Rome. Journal of Exposure Science and Environmental Epidemiology, 2008, 18, 192-199.	3.9	80
25	Which specific causes of death are associated with short term exposure to fine and coarse particles in Southern Europe? Results from the MED-PARTICLES project. Environment International, 2014, 67, 54-61.	10.0	80
26	Land Use Regression Models for Ultrafine Particles in Six European Areas. Environmental Science & Technology, 2017, 51, 3336-3345.	10.0	75
27	Perturbation of metabolic pathways mediates the association of air pollutants with asthma and cardiovascular diseases. Environment International, 2018, 119, 334-345.	10.0	73
28	Ambient air pollution and primary liver cancer incidence in four European cohorts within the ESCAPE project. Environmental Research, 2017, 154, 226-233.	7.5	72
29	Long-term Exposure to Particulate Matter Constituents and the Incidence of Coronary Events in 11 European Cohorts. Epidemiology, 2015, 26, 565-574.	2.7	68
30	Performance of Multi-City Land Use Regression Models for Nitrogen Dioxide and Fine Particles. Environmental Health Perspectives, 2014, 122, 843-849.	6.0	61
31	Health impact assessment of waste management facilities in three European countries. Environmental Health, 2011, 10, 53.	4.0	57
32	Air pollution and incidence of cancers of the stomach and the upper aerodigestive tract in the European Study of Cohorts for Air Pollution Effects (ESCAPE). International Journal of Cancer, 2018, 143, 1632-1643.	5.1	57
33	Cross-sectional associations between air pollution and chronic bronchitis: an ESCAPE meta-analysis across five cohorts. Thorax, 2014, 69, 1005-1014.	5.6	56
34	Particulate matter air pollution components and incidence of cancers of the stomach and the upper aerodigestive tract in the European Study of Cohorts of Air Pollution Effects (ESCAPE). Environment International, 2018, 120, 163-171.	10.0	56
35	Mortality and morbidity among people living close to incinerators: a cohort study based on dispersion modeling for exposure assessment. Environmental Health, 2011, 10, 22.	4.0	55
36	Air Pollution from Incinerators and Reproductive Outcomes. Epidemiology, 2013, 24, 863-870.	2.7	51

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37	Association Between Short-Term Exposure to PM_{2.5}and PM₁₀and Mortality in Susceptible Subgroups: A Multisite Case-Crossover Analysis of Individual Effect Modifiers. American Journal of Epidemiology, 2016, 184, 744-754.	3.4	51
38	Spatial variation of PM elemental composition between and within 20 European study areas â€" Results of the ESCAPE project. Environment International, 2015, 84, 181-192.	10.0	49
39	Associations of greenness, greyness and air pollution exposure with childrenâ€™s health: a cross-sectional study in Southern Italy. Environmental Health, 2018, 17, 86.	4.0	47
40	Biomonitoring of the general population living near a modern solid waste incinerator: A pilot study in Modena, Italy. Environment International, 2013, 61, 88-97.	10.0	46
41	The risks of acute exposure to black carbon in Southern Europe: results from the MED-PARTICLES project. Occupational and Environmental Medicine, 2015, 72, 123-129.	2.8	46
42	HLA-DRB1 alleles associated with polymyalgia rheumatica in northern Italy: correlation with disease severity. Annals of the Rheumatic Diseases, 1999, 58, 303-308.	0.9	44
43	Exposure to air pollution and respiratory symptoms during the first 7â€...years of life in an Italian birth cohort. Occupational and Environmental Medicine, 2014, 71, 430-436.	2.8	36
44	Land use regression models for the oxidative potential of fine particles (PM 2.5) in five European areas. Environmental Research, 2018, 160, 247-255.	7.5	35
45	Is There an Association Between Ambient Air Pollution and Bladder Cancer Incidence? Analysis of 15 European Cohorts. European Urology Focus, 2018, 4, 113-120.	3.1	33
46	A Review of Exposure Assessment Methods in Epidemiological Studies on Incinerators. Journal of Environmental and Public Health, 2013, 2013, 1-12.	0.9	31
47	Forecasting airborne pollen concentrations: Development of local models. Aerobiologia, 2003, 19, 39-45.	1.7	30
48	Determinants of active and environmental exposure to tobacco smoke and upper reference value of urinary cotinine in not exposed individuals. Environmental Research, 2016, 148, 154-163.	7.5	30
49	Exposure to emissions from municipal solid waste incinerators and miscarriages: A multisite study of the MONITER Project. Environment International, 2015, 78, 51-60.	10.0	29
50	Source-related components of fine particulate matter and risk of adverse birth outcomes in Northern Italy. Environmental Research, 2020, 186, 109564.	7.5	27
51	Hypothermia reduces seizure burden and improves neurological outcome in severe hypoxicâ€“ischemic encephalopathy: an observational study. Developmental Medicine and Child Neurology, 2016, 58, 1235-1241.	2.1	26
52	Short-term effects of particulate matter on cardiovascular morbidity in Italy: a national analysis. European Journal of Preventive Cardiology, 2022, 29, 1202-1211.	1.8	26
53	Combining land use regression models and fixed site monitoring to reconstruct spatiotemporal variability of NO2 concentrations over a wide geographical area. Science of the Total Environment, 2017, 574, 1075-1084.	8.0	25
54	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.	8.0	24

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55	Human biomonitoring of polycyclic aromatic hydrocarbonsand metals in the general population residing near the municipal solid waste incinerator of Modena, Italy. Chemosphere, 2017, 186, 546-557.	8.2	22
56	A Validated Method for Urinary Cotinine Quantification Used to Classify Active and Environmental Tobacco Smoke Exposure. Current Analytical Chemistry, 2013, 9, 447-456.	1.2	22
57	First-trimester fetal sex prediction by deoxyribonucleic acid analysis of maternal peripheral blood. American Journal of Obstetrics and Gynecology, 1999, 181, 675-680.	1.3	16
58	Alternaria spores at different heights from the ground. Allergy: European Journal of Allergy and Clinical Immunology, 2004, 59, 746-752.	5.7	16
59	A review of exposure assessment methods for epidemiological studies of health effects related to industrially contaminated sites. Epidemiologia E Prevenzione, 2018, 42, 21-36.	1.1	14
60	Air Pollution and Respiratory Status in Asthmatic Children: Hints for a Locally Based Preventive Strategy. AIRE Study. European Journal of Epidemiology, 2003, 19, 567-576.	5.7	13
61	The Secretive Liaison of Particulate Matter and SARS-CoV-2. A Hypothesis and Theory Investigation. Frontiers in Genetics, 2020, 11, 579964.	2.3	13
62	Prediction of successful outcome in a randomised controlled trial of the long-term efficacy of interferon alpha treatment for chronic hepatitis C. , 1999, 58, 26-34.		11
63	Mortality and bioclimatic discomfort in Emilia-Romagna, Italy. Journal of Epidemiology and Community Health, 2002, 56, 536-537.	3.7	11
64	Association between Asthma Control and Exposure to Greenness and Other Outdoor and Indoor Environmental Factors: A Longitudinal Study on a Cohort of Asthmatic Children. International Journal of Environmental Research and Public Health, 2022, 19, 512.	2.6	11
65	Analysis of fetal sex in TCC sample DNA: a contribution to the validation of this approach. Prenatal Diagnosis, 1998, 18, 1109-1116.	2.3	10
66	Audiovisual sexual stimulation by virtual glasses is effective in inducing complete cavernosal smooth muscle relaxation: a pharmacocavernosometric study. International Journal of Impotence Research, 2000, 12, 83-88.	1.8	10
67	Growth patterns of human ovarian volume during intrauterine and postnatal organogenesis. Early Human Development, 2004, 80, 7-17.	1.8	9
68	Asthmatic symptoms and air pollution: a panel study on children living in the Italian Po Valley. Geospatial Health, 2015, 10, 366.	0.8	8
69	Associations between modeled residential outdoor and measured personal exposure to ultrafine particles in four European study areas. Atmospheric Environment, 2020, 226, 117353.	4.1	7
70	A microscale hybrid modelling system to assess the air quality over a large portion of a large European city. Atmospheric Environment, 2021, 264, 118656.	4.1	7
71	Towards an assessment of the health impact of industrially contaminated sites: waste landfills in Europe. Epidemiologia E Prevenzione, 2018, 42, 69-75.	1.1	7
72	Estimating deaths attributable to airborne particles: sensitivity of the results to different exposure assessment approaches. Environmental Health, 2017, 16, 13.	4.0	6

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73	Cohort study of residents of a district with soil and groundwater industrial waste contamination. Annali Dell'Istituto Superiore Di Sanita, 2013, 49, 354-7.	0.4	6
74	Assessing Paediatric Asthma Occurrence through Dispensed Prescription Data and Questionnaires. European Journal of Public Health, 2013, 23, 873-878.	0.3	5
75	Human biomonitoring as a tool for exposure assessment in industrially contaminated sites (ICSs). Lessons learned within the ICS and Health European Network. Epidemiologia E Prevenzione, 2019, 43, 249-259.	1.1	5
76	A comparison between self-reported and GIS-based proxies of residential exposure to environmental pollution in a caseâ€“control study on lung cancer. Spatial and Spatio-temporal Epidemiology, 2014, 9, 37-45.	1.7	3
77	An Italian Network of Population-Based Birth Cohorts to Evaluate Social and Environmental Risk Factors on Pregnancy Outcomes: The LEAP Study. International Journal of Environmental Research and Public Health, 2020, 17, 3614.	2.6	3
78	Environmental and health data needed to develop national surveillance systems in industrially contaminated sites. Epidemiologia E Prevenzione, 2018, 42, 11-20.	1.1	3
79	ETS Exposure and PAH Body Burden in Nonsmoking Italian Adults. International Journal of Environmental Research and Public Health, 2018, 15, 1156.	2.6	2
80	Industrial contaminated sites and health: results of a European survey. Epidemiologia E Prevenzione, 2019, 43, 238-248.	1.1	2
81	Exposure Assessment of Newborn Babies Near Incinerators: A Geographical Approach. Epidemiology, 2009, 20, S79-S80.	2.7	1
82	A Methodological Approach to Use Contextual Factors for Epidemiological Studies on Chronic Exposure to Air Pollution and COVID-19 in Italy. International Journal of Environmental Research and Public Health, 2022, 19, 2859.	2.6	1
83	The Use of a Physiologically Based Pharmacokinetic Modelling in a â€œFull-Chainâ€•Exposure Assessment Framework: A Case Study on Urban and Industrial Pollution in Northern Italy. Atmosphere, 2020, 11, 1228.	2.3	0
84	Health impact assessment: quantifying the health benefits and costs. , 2020, , 53-71.		0
85	Chapter 2 A Review of Exposure Assessment Methods in Epidemiological Studies on Incinerators. , 2016, , 15-44.		0