

Andrea Ranzi

List of Publications by Year in descending order

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85
papers

9,290
citations

66343

42
h-index

48315

88
g-index

93
all docs

93
docs citations

93
times ranked

10101
citing authors

#	ARTICLE	IF	CITATIONS
1	Short-term effects of particulate matter on cardiovascular morbidity in Italy: a national analysis. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 1202-1211.	1.8	26
2	A nationwide study of air pollution from particulate matter and daily hospitalizations for respiratory diseases in Italy. <i>Science of the Total Environment</i> , 2022, 807, 151034.	8.0	24
3	Association between Asthma Control and Exposure to Greenness and Other Outdoor and Indoor Environmental Factors: A Longitudinal Study on a Cohort of Asthmatic Children. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 512.	2.6	11
4	A Methodological Approach to Use Contextual Factors for Epidemiological Studies on Chronic Exposure to Air Pollution and COVID-19 in Italy. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2859.	2.6	1
5	A microscale hybrid modelling system to assess the air quality over a large portion of a large European city. <i>Atmospheric Environment</i> , 2021, 264, 118656.	4.1	7
6	The Secretive Liaison of Particulate Matter and SARS-CoV-2. A Hypothesis and Theory Investigation. <i>Frontiers in Genetics</i> , 2020, 11, 579964.	2.3	13
7	The Use of a Physiologically Based Pharmacokinetic Modelling in a "Full-Chain" Exposure Assessment Framework: A Case Study on Urban and Industrial Pollution in Northern Italy. <i>Atmosphere</i> , 2020, 11, 1228.	2.3	0
8	Source-related components of fine particulate matter and risk of adverse birth outcomes in Northern Italy. <i>Environmental Research</i> , 2020, 186, 109564.	7.5	27
9	An Italian Network of Population-Based Birth Cohorts to Evaluate Social and Environmental Risk Factors on Pregnancy Outcomes: The LEAP Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3614.	2.6	3
10	Associations between modeled residential outdoor and measured personal exposure to ultrafine particles in four European study areas. <i>Atmospheric Environment</i> , 2020, 226, 117353.	4.1	7
11	Health impact assessment: quantifying the health benefits and costs. , 2020, , 53-71.		0
12	Human biomonitoring as a tool for exposure assessment in industrially contaminated sites (ICSs). Lessons learned within the ICS and Health European Network. <i>Epidemiologia E Prevenzione</i> , 2019, 43, 249-259.	1.1	5
13	Industrial contaminated sites and health: results of a European survey. <i>Epidemiologia E Prevenzione</i> , 2019, 43, 238-248.	1.1	2
14	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). <i>International Journal of Cancer</i> , 2018, 143, 1632-1643.	5.1	57
15	Is There an Association Between Ambient Air Pollution and Bladder Cancer Incidence? Analysis of 15 European Cohorts. <i>European Urology Focus</i> , 2018, 4, 113-120.	3.1	33
16	Land use regression models for the oxidative potential of fine particles (PM 2.5) in five European areas. <i>Environmental Research</i> , 2018, 160, 247-255.	7.5	35
17	Oxidative stress and inflammation mediate the effect of air pollution on cardiovascular and cerebrovascular disease: A prospective study in nonsmokers. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 234-246.	2.2	88
18	ETS Exposure and PAH Body Burden in Nonsmoking Italian Adults. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1156.	2.6	2

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19	Associations of greenness, greyness and air pollution exposure with children's health: a cross-sectional study in Southern Italy. <i>Environmental Health</i> , 2018, 17, 86.	4.0	47
20	Perturbation of metabolic pathways mediates the association of air pollutants with asthma and cardiovascular diseases. <i>Environment International</i> , 2018, 119, 334-345.	10.0	73
21	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). <i>Environment International</i> , 2018, 120, 163-171.	10.0	56
22	A review of exposure assessment methods for epidemiological studies of health effects related to industrially contaminated sites. <i>Epidemiologia E Prevenzione</i> , 2018, 42, 21-36.	1.1	14
23	Towards an assessment of the health impact of industrially contaminated sites: waste landfills in Europe. <i>Epidemiologia E Prevenzione</i> , 2018, 42, 69-75.	1.1	7
24	Environmental and health data needed to develop national surveillance systems in industrially contaminated sites. <i>Epidemiologia E Prevenzione</i> , 2018, 42, 11-20.	1.1	3
25	Ambient air pollution and primary liver cancer incidence in four European cohorts within the ESCAPE project. <i>Environmental Research</i> , 2017, 154, 226-233.	7.5	72
26	Land Use Regression Models for Ultrafine Particles in Six European Areas. <i>Environmental Science & Technology</i> , 2017, 51, 3336-3345.	10.0	75
27	Estimating deaths attributable to airborne particles: sensitivity of the results to different exposure assessment approaches. <i>Environmental Health</i> , 2017, 16, 13.	4.0	6
28	Human biomonitoring of polycyclic aromatic hydrocarbons and metals in the general population residing near the municipal solid waste incinerator of Modena, Italy. <i>Chemosphere</i> , 2017, 186, 546-557.	8.2	22
29	Combining land use regression models and fixed site monitoring to reconstruct spatiotemporal variability of NO ₂ concentrations over a wide geographical area. <i>Science of the Total Environment</i> , 2017, 574, 1075-1084.	8.0	25
30	Desert Dust Outbreaks in Southern Europe: Contribution to Daily PM ₁₀ Concentrations and Short-Term Associations with Mortality and Hospital Admissions. <i>Environmental Health Perspectives</i> , 2016, 124, 413-419.	6.0	148
31	Determinants of active and environmental exposure to tobacco smoke and upper reference value of urinary cotinine in not exposed individuals. <i>Environmental Research</i> , 2016, 148, 154-163.	7.5	30
32	Hypothermia reduces seizure burden and improves neurological outcome in severe hypoxic-ischemic encephalopathy: an observational study. <i>Developmental Medicine and Child Neurology</i> , 2016, 58, 1235-1241.	2.1	26
33	Association Between Short-Term Exposure to PM _{2.5} and PM ₁₀ and Mortality in Susceptible Subgroups: A Multisite Case-Crossover Analysis of Individual Effect Modifiers. <i>American Journal of Epidemiology</i> , 2016, 184, 744-754.	3.4	51
34	Particulate matter air pollution components and risk for lung cancer. <i>Environment International</i> , 2016, 87, 66-73.	10.0	219
35	Chapter 2 A Review of Exposure Assessment Methods in Epidemiological Studies on Incinerators. , 2016, , 15-44.		0
36	Long-term Exposure to Particulate Matter Constituents and the Incidence of Coronary Events in 11 European Cohorts. <i>Epidemiology</i> , 2015, 26, 565-574.	2.7	68

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37	Asthmatic symptoms and air pollution: a panel study on children living in the Italian Po Valley. <i>Geospatial Health</i> , 2015, 10, 366.	0.8	8
38	Short-term effects of particulate matter on mortality during forest fires in Southern Europe: results of the MED-PARTICLES Project. <i>Occupational and Environmental Medicine</i> , 2015, 72, 323-329.	2.8	81
39	Natural-Cause Mortality and Long-Term Exposure to Particle Components: An Analysis of 19 European Cohorts within the Multi-Center ESCAPE Project. <i>Environmental Health Perspectives</i> , 2015, 123, 525-533.	6.0	130
40	Exposure to emissions from municipal solid waste incinerators and miscarriages: A multisite study of the MONITER Project. <i>Environment International</i> , 2015, 78, 51-60.	10.0	29
41	Spatial variation of PM elemental composition between and within 20 European study areas – Results of the ESCAPE project. <i>Environment International</i> , 2015, 84, 181-192.	10.0	49
42	The risks of acute exposure to black carbon in Southern Europe: results from the MED-PARTICLES project. <i>Occupational and Environmental Medicine</i> , 2015, 72, 123-129.	2.8	46
43	Short-term effects of particulate matter constituents on daily hospitalizations and mortality in five South-European cities: Results from the MED-PARTICLES project. <i>Environment International</i> , 2015, 75, 151-158.	10.0	100
44	Cross-sectional associations between air pollution and chronic bronchitis: an ESCAPE meta-analysis across five cohorts. <i>Thorax</i> , 2014, 69, 1005-1014.	5.6	56
45	Performance of Multi-City Land Use Regression Models for Nitrogen Dioxide and Fine Particles. <i>Environmental Health Perspectives</i> , 2014, 122, 843-849.	6.0	61
46	Long-Term Exposure to Ambient Air Pollution and Incidence of Cerebrovascular Events: Results from 11 European Cohorts within the ESCAPE Project. <i>Environmental Health Perspectives</i> , 2014, 122, 919-925.	6.0	285
47	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. <i>BMJ, The</i> , 2014, 348, f7412-f7412.	6.0	481
48	Exposure to air pollution and respiratory symptoms during the first 7 years of life in an Italian birth cohort. <i>Occupational and Environmental Medicine</i> , 2014, 71, 430-436.	2.8	36
49	Long-term Exposure to Air Pollution and Cardiovascular Mortality. <i>Epidemiology</i> , 2014, 25, 368-378.	2.7	272
50	Effects of long-term exposure to air pollution on natural-cause mortality: an analysis of 22 European cohorts within the multicentre ESCAPE project. <i>Lancet, The</i> , 2014, 383, 785-795.	13.7	1,077
51	A comparison between self-reported and GIS-based proxies of residential exposure to environmental pollution in a case-control study on lung cancer. <i>Spatial and Spatio-temporal Epidemiology</i> , 2014, 9, 37-45.	1.7	3
52	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. <i>Environment International</i> , 2014, 67, 54-61.	10.0	80
53	Long-term exposure to elemental constituents of particulate matter and cardiovascular mortality in 19 European cohorts: Results from the ESCAPE and TRANSPHORM projects. <i>Environment International</i> , 2014, 66, 97-106.	10.0	127
54	Air pollution and lung cancer incidence in 17 European cohorts: prospective analyses from the European Study of Cohorts for Air Pollution Effects (ESCAPE). <i>Lancet Oncology, The</i> , 2013, 14, 813-822.	10.7	1,225

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55	Biomonitoring of the general population living near a modern solid waste incinerator: A pilot study in Modena, Italy. <i>Environment International</i> , 2013, 61, 88-97.	10.0	46
56	Evaluation of Land Use Regression Models for NO ₂ and Particulate Matter in 20 European Study Areas: The ESCAPE Project. <i>Environmental Science & Technology</i> , 2013, 47, 4357-4364.	10.0	96
57	Development of Land Use Regression Models for Particle Composition in Twenty Study Areas in Europe. <i>Environmental Science & Technology</i> , 2013, 47, 5778-5786.	10.0	167
58	Development of NO ₂ and NO _x land use regression models for estimating air pollution exposure in 36 study areas in Europe – The ESCAPE project. <i>Atmospheric Environment</i> , 2013, 72, 10-23.	4.1	719
59	Assessing Paediatric Asthma Occurrence through Dispensed Prescription Data and Questionnaires. <i>European Journal of Public Health</i> , 2013, 23, 873-878.	0.3	5
60	Short-term Associations between Fine and Coarse Particulate Matter and Hospitalizations in Southern Europe: Results from the MED-PARTICLES Project. <i>Environmental Health Perspectives</i> , 2013, 121, 1026-1033.	6.0	180
61	Air Pollution from Incinerators and Reproductive Outcomes. <i>Epidemiology</i> , 2013, 24, 863-870.	2.7	51
62	A Review of Exposure Assessment Methods in Epidemiological Studies on Incinerators. <i>Journal of Environmental and Public Health</i> , 2013, 2013, 1-12.	0.9	31
63	A Validated Method for Urinary Cotinine Quantification Used to Classify Active and Environmental Tobacco Smoke Exposure. <i>Current Analytical Chemistry</i> , 2013, 9, 447-456.	1.2	22
64	Cohort study of residents of a district with soil and groundwater industrial waste contamination. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2013, 49, 354-7.	0.4	6
65	Variation of NO ₂ and NO _x concentrations between and within 36 European study areas: Results from the ESCAPE study. <i>Atmospheric Environment</i> , 2012, 62, 374-390.	4.1	274
66	Spatial variation of PM _{2.5} , PM ₁₀ , PM _{2.5} absorbance and PM _{coarse} concentrations between and within 20 European study areas and the relationship with NO ₂ – Results of the ESCAPE project. <i>Atmospheric Environment</i> , 2012, 62, 303-317.	4.1	392
67	Development of Land Use Regression Models for PM _{2.5} , PM _{2.5} Absorbance, PM ₁₀ and PM _{coarse} in 20 European Study Areas; Results of the ESCAPE Project. <i>Environmental Science & Technology</i> , 2012, 46, 11195-11205.	10.0	877
68	General Movements in Full-Term Infants with Perinatal Asphyxia Are Related to Basal Ganglia and Thalamic Lesions. <i>Journal of Pediatrics</i> , 2011, 158, 904-911.	1.8	87
69	Mortality and morbidity among people living close to incinerators: a cohort study based on dispersion modeling for exposure assessment. <i>Environmental Health</i> , 2011, 10, 22.	4.0	55
70	Health impact assessment of waste management facilities in three European countries. <i>Environmental Health</i> , 2011, 10, 53.	4.0	57
71	Exposure Assessment of Newborn Babies Near Incinerators: A Geographical Approach. <i>Epidemiology</i> , 2009, 20, S79-S80.	2.7	1
72	Comparison of regression models with land-use and emissions data to predict the spatial distribution of traffic-related air pollution in Rome. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2008, 18, 192-199.	3.9	80

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73	Age-specific risk of fetal loss post second trimester amniocentesis: analysis of 5043 cases. <i>Prenatal Diagnosis</i> , 2007, 27, 180-183.	2.3	89
74	<i>Alternaria</i> spores at different heights from the ground. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2004, 59, 746-752.	5.7	16
75	Growth patterns of human ovarian volume during intrauterine and postnatal organogenesis. <i>Early Human Development</i> , 2004, 80, 7-17.	1.8	9
76	Air Pollution and Respiratory Status in Asthmatic Children: Hints for a Locally Based Preventive Strategy. AIRE Study. <i>European Journal of Epidemiology</i> , 2003, 19, 567-576.	5.7	13
77	Forecasting airborne pollen concentrations: Development of local models. <i>Aerobiologia</i> , 2003, 19, 39-45.	1.7	30
78	Mortality and bioclimatic discomfort in Emilia-Romagna, Italy. <i>Journal of Epidemiology and Community Health</i> , 2002, 56, 536-537.	3.7	11
79	Cramped Synchronized General Movements in Preterm Infants as an Early Marker for Cerebral Palsy. <i>JAMA Pediatrics</i> , 2002, 156, 460.	3.0	205
80	Erythrocyte sedimentation rate and C-reactive protein in the evaluation of disease activity and severity in polymyalgia rheumatica: A prospective follow-up study. <i>Seminars in Arthritis and Rheumatism</i> , 2000, 30, 17-24.	3.4	178
81	Audiovisual sexual stimulation by virtual glasses is effective in inducing complete cavernosal smooth muscle relaxation: a pharmacocavernosometric study. <i>International Journal of Impotence Research</i> , 2000, 12, 83-88.	1.8	10
82	HLA-DRB1 alleles associated with polymyalgia rheumatica in northern Italy: correlation with disease severity. <i>Annals of the Rheumatic Diseases</i> , 1999, 58, 303-308.	0.9	44
83	First-trimester fetal sex prediction by deoxyribonucleic acid analysis of maternal peripheral blood. <i>American Journal of Obstetrics and Gynecology</i> , 1999, 181, 675-680.	1.3	16
84	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
85	Analysis of fetal sex in TCC sample DNA: a contribution to the validation of this approach. <i>Prenatal Diagnosis</i> , 1998, 18, 1109-1116.	2.3	10