

Hans Orru

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55
papers

912
citations

16
h-index

29
g-index

58
ext. papers

1,384
ext. citations

5.4
avg, IF

4.01
L-index

#	Paper	IF	Citations
55	How are cities planning to respond to climate change? Assessment of local climate plans from 885 cities in the EU-28. <i>Journal of Cleaner Production</i> , 2018 , 191, 207-219	10.3	209
54	Impact of climate change on ozone-related mortality and morbidity in Europe. <i>European Respiratory Journal</i> , 2013 , 41, 285-94	13.6	69
53	Short term association between ozone and mortality: global two stage time series study in 406 locations in 20 countries. <i>BMJ, The</i> , 2020 , 368, m108	5.9	57
52	Well-being and environmental quality: Does pollution affect life satisfaction?. <i>Quality of Life Research</i> , 2016 , 25, 699-705	3.7	51
51	Global, regional, and national burden of mortality associated with non-optimal ambient temperatures from 2000 to 2019: a three-stage modelling study. <i>Lancet Planetary Health, The</i> , 2021 , 5, e415-e425	9.8	48
50	Health impacts of particulate matter in five major Estonian towns: main sources of exposure and local differences. <i>Air Quality, Atmosphere and Health</i> , 2011 , 4, 247-258	5.6	43
49	The Role of Humidity in Associations of High Temperature with Mortality: A Multicountry, Multicity Study. <i>Environmental Health Perspectives</i> , 2019 , 127, 97007	8.4	36
48	Heat-related respiratory hospital admissions in Europe in a changing climate: a health impact assessment. <i>BMJ Open</i> , 2013 , 3,	3	35
47	Short term associations of ambient nitrogen dioxide with daily total, cardiovascular, and respiratory mortality: multilocation analysis in 398 cities. <i>BMJ, The</i> , 2021 , 372, n534	5.9	33
46	Health impact assessment of particulate pollution in Tallinn using fine spatial resolution and modeling techniques. <i>Environmental Health</i> , 2009 , 8, 7	6	28
45	The role of perceived air pollution and health risk perception in health symptoms and disease: a population-based study combined with modelled levels of PM. <i>International Archives of Occupational and Environmental Health</i> , 2018 , 91, 581-589	3.2	25
44	Sources and distribution of trace elements in Estonian peat. <i>Global and Planetary Change</i> , 2006 , 53, 249-258	4.58	23
43	From inequitable to sustainable e-waste processing for reduction of impact on human health and the environment. <i>Environmental Research</i> , 2021 , 194, 110728	7.9	18
42	Increases in external cause mortality due to high and low temperatures: evidence from northeastern Europe. <i>International Journal of Biometeorology</i> , 2017 , 61, 963-966	3.7	17
41	Potential health impacts of changes in air pollution exposure associated with moving traffic into a road tunnel. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015 , 25, 524-31	6.7	17
40	Predicted temperature-increase-induced global health burden and its regional variability. <i>Environment International</i> , 2019 , 131, 105027	12.9	16
39	Dampness, mould, onset and remission of adult respiratory symptoms, asthma and rhinitis. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	15

38	Residents\Self-Reported Health Effects and Annoyance in Relation to Air Pollution Exposure in an Industrial Area in Eastern-Estonia. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	15
37	Elemental composition and oxidative properties of PM(2.5) in Estonia in relation to origin of air masses - results from the ECRHS II in Tartu. <i>Science of the Total Environment</i> , 2010 , 408, 1515-22	10.2	15
36	Evaluation of the ERA5 reanalysis-based Universal Thermal Climate Index on mortality data in Europe. <i>Environmental Research</i> , 2021 , 198, 111227	7.9	14
35	High Summer Temperatures and Mortality in Estonia. <i>PLoS ONE</i> , 2016 , 11, e0155045	3.7	14
34	Projections of excess mortality related to diurnal temperature range under climate change scenarios: a multi-country modelling study. <i>Lancet Planetary Health, The</i> , 2020 , 4, e512-e521	9.8	13
33	Ozone and heat-related mortality in Europe in 2050 significantly affected by changes in climate, population and greenhouse gas emission. <i>Environmental Research Letters</i> , 2019 , 14, 074013	6.2	11
32	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	10
31	Chronic traffic-induced PM exposure and self-reported respiratory and cardiovascular health in the RHINE Tartu Cohort. <i>International Journal of Environmental Research and Public Health</i> , 2009 , 6, 2740-51	4.6	8
30	Re-vegetation processes in cutaway peat production fields in Estonia in relation to peat quality and water regime. <i>Environmental Monitoring and Assessment</i> , 2016 , 188, 655	3.1	7
29	Health impact assessment in case of biofuel peat Co-use of environmental scenarios and exposure-response functions. <i>Biomass and Bioenergy</i> , 2009 , 33, 1080-1086	5.3	7
28	Mortality risk attributable to wildfire-related PM pollution: a global time series study in 749 locations. <i>Lancet Planetary Health, The</i> , 2021 , 5, e579-e587	9.8	7
27	Making Administrative Systems Adaptive to Emerging Climate Change-Related Health Effects: Case of Estonia. <i>Atmosphere</i> , 2018 , 9, 221	2.7	6
26	Association Between Health Symptoms and Particulate Matter from Traffic and Residential Heating - Results from RHINE III in Tartu. <i>Open Respiratory Medicine Journal</i> , 2016 , 10, 58-69	1.1	6
25	Mortality Related to Cold Temperatures in Two Capitals of the Baltics: Tallinn and Riga. <i>Medicina (Lithuania)</i> , 2019 , 55,	3.1	5
24	Cancer Incidence Trends in the Oil Shale Industrial Region in Estonia. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	5
23	Metallic Fumes at Indoor Military Shooting Ranges: Lead, Copper, Nickel, and Zinc in Different Fractions of Airborne Particulate Matter. <i>Propellants, Explosives, Pyrotechnics</i> , 2018 , 43, 228-233	1.7	5
22	Broader impacts of the fare-free public transportation system in Tallinn. <i>International Journal of Urban Sustainable Development</i> , 2019 , 11, 332-345	2.6	3
21	Indoor and Outdoor Nanoparticle Concentrations in an Urban Background Area in Northern Sweden: The NanoOffice Study. <i>Environments - MDPI</i> , 2021 , 8, 75	3.2	3

20	Geographical Variations of the Minimum Mortality Temperature at a Global Scale: A Multicountry Study.. <i>Environmental Epidemiology</i> , 2021 , 5, e169	0.2	3
19	Outdoor air pollution from industrial chemicals causing new onset of asthma or COPD: a systematic review protocol. <i>Journal of Occupational Medicine and Toxicology</i> , 2020 , 15, 38	2.7	2
18	Particulate air pollution and mortality in Tallinn: A time-series analysis in North-Eastern European country. <i>ISEE Conference Abstracts</i> , 2013 , 2013, 4177	2.9	2
17	Seasonal Variations in the Daily Mortality Associated with Exposure to Particles, Nitrogen Dioxide, and Ozone in Stockholm, Sweden, from 2000 to 2016. <i>Atmosphere</i> , 2021 , 12, 1481	2.7	2
16	Ventilation Systems and Their Impact on Nanoparticle Concentrations in Office Buildings. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8930	2.6	2
15	Change in the symptom profile treated as asthma - two cross-sectional studies twenty years apart. <i>Respiratory Research</i> , 2020 , 21, 41	7.3	1
14	Possible health effects on the human brain by various generations of mobile telecommunication: a review based estimation of 5G impact.. <i>International Journal of Radiation Biology</i> , 2022 , 1-48	2.9	1
13	The effect of current and future maternal exposure to near-surface ozone on preterm birth in 30 European countries—An EU-wide health impact assessment. <i>Environmental Research Letters</i> , 2021 , 16, 055005	6.2	1
12	Fluctuating temperature modifies heat-mortality association around the globe.. <i>Innovation(China)</i> , 2022 , 3, 100225	17.8	1
11	Global, regional, and national burden of mortality associated with short-term temperature variability from 2000-19: a three-stage modelling study.. <i>Lancet Planetary Health, The</i> , 2022 , 6, e410-e421	9.8	1
10	Health impact assessment of transportation noise in two Estonian cities. <i>Environmental Research</i> , 2022 , 204, 112319	7.9	0
9	Comparison of weather station and climate reanalysis data for modelling temperature-related mortality.. <i>Scientific Reports</i> , 2022 , 12, 5178	4.9	0
8	The burden of injury in Central, Eastern, and Western European sub-region: a systematic analysis from the Global Burden of Disease 2019 Study.. <i>Archives of Public Health</i> , 2022 , 80, 142	2.6	0
7	Particulate Air Pollution and Its Impact on Health in Vilnius and Kaunas. <i>Medicina (Lithuania)</i> , 2012 , 48, 70	3.1	
6	Hearing loss among military personnel in relation to occupational and leisure noise exposure and usage of personal protective equipment. <i>Noise and Health</i> , 2020 , 22, 90-98	0.9	
5	Human Biomonitoring in the Oil Shale Industry Area in Estonia-Overview of Earlier Programmes and Future Perspectives. <i>Frontiers in Public Health</i> , 2020 , 8, 582114	6	
4	Hearing Problems Among the Members of the Defence Forces in Relation to Personal and Occupational Risk Factors. <i>Military Medicine</i> , 2020 , 185, e2115-e2123	1.3	
3	Cardiovascular Disease and Mental Distress Among Ethnic Groups in Kyrgyzstan. <i>Frontiers in Public Health</i> , 2021 , 9, 489092	6	

- 2 Particulate air pollution and its impact on health in Vilnius and Kaunas. *Medicina (Lithuania)*, **2012**, 48, 472-7 3.1
- 1 Exposures, Symptoms and Risk Perception among Office Workers in Relation to Nanoparticles in the Work Environment. *International Journal of Environmental Research and Public Health*, **2022**, 19, 5789^{4.6}