

Tom Bellander

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

3,052
citations

159585

30
h-index

182427

51
g-index

54
all docs

54
docs citations

54
times ranked

4074
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of daily PM10 and PM2.5 concentrations in Italy, 2013–2015, using a spatiotemporal land-use random-forest model. <i>Environment International</i> , 2019, 124, 170-179.	10.0	251
2	Spatial PM2.5, NO2, O3 and BC models for Western Europe – Evaluation of spatiotemporal stability. <i>Environment International</i> , 2018, 120, 81-92.	10.0	193
3	A comparison of linear regression, regularization, and machine learning algorithms to develop Europe-wide spatial models of fine particles and nitrogen dioxide. <i>Environment International</i> , 2019, 130, 104934.	10.0	177
4	Two-way effect modifications of air pollution and air temperature on total natural and cardiovascular mortality in eight European urban areas. <i>Environment International</i> , 2018, 116, 186-196.	10.0	145
5	Association Between Cardiovascular Disease and Long-term Exposure to Air Pollution With the Risk of Dementia. <i>JAMA Neurology</i> , 2020, 77, 801.	9.0	131
6	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. <i>Lancet Planetary Health</i> , The, 2022, 6, e9-e18.	11.4	130
7	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. <i>Lancet Planetary Health</i> , The, 2021, 5, e620-e632.	11.4	123
8	Comparing land use regression and dispersion modelling to assess residential exposure to ambient air pollution for epidemiological studies. <i>Environment International</i> , 2014, 73, 382-392.	10.0	109
9	Early-Life Exposure to Traffic-related Air Pollution and Lung Function in Adolescence. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 171-177.	5.6	109
10	Susceptibility to mortality related to temperature and heat and cold wave duration in the population of Stockholm County, Sweden. <i>Global Health Action</i> , 2014, 7, 22737.	1.9	108
11	Genome-Wide Interaction Analysis of Air Pollution Exposure and Childhood Asthma with Functional Follow-up. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1373-1383.	5.6	107
12	Long-Term Exposure to Particulate Air Pollution, Black Carbon, and Their Source Components in Relation to Ischemic Heart Disease and Stroke. <i>Environmental Health Perspectives</i> , 2019, 127, 107012.	6.0	101
13	Estimation of daily PM10 concentrations in Italy (2006–2012) using finely resolved satellite data, land use variables and meteorology. <i>Environment International</i> , 2017, 99, 234-244.	10.0	100
14	Long term exposure to low level air pollution and mortality in eight European cohorts within the ELAPSE project: pooled analysis. <i>BMJ</i> , The, 2021, 374, n1904.	6.0	93
15	Short-term effects of air pollution on out-of-hospital cardiac arrest in Stockholm. <i>European Heart Journal</i> , 2014, 35, 861-868.	2.2	87
16	Long-term low-level ambient air pollution exposure and risk of lung cancer – A pooled analysis of 7 European cohorts. <i>Environment International</i> , 2021, 146, 106249.	10.0	79
17	Meta-analysis of air pollution exposure association with allergic sensitization in European birth cohorts. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 767-776.e7.	2.9	76
18	COVID-19: risk accumulation among biologically and socially vulnerable older populations. <i>Ageing Research Reviews</i> , 2020, 63, 101149.	10.9	71

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19	Lung Function at 8 and 16 Years After Moderate-to-Late Preterm Birth: A Prospective Cohort Study. <i>Pediatrics</i> , 2016, 137, .	2.1	60
20	Seasonal patterns of outdoor PM infiltration into indoor environments: review and meta-analysis of available studies from different climatological zones in Europe. <i>Air Quality, Atmosphere and Health</i> , 2011, 4, 221-233.	3.3	56
21	Long-Term Exposure to Fine Particle Elemental Components and Natural and Cause-Specific Mortality—a Pooled Analysis of Eight European Cohorts within the ELAPSE Project. <i>Environmental Health Perspectives</i> , 2021, 129, 47009.	6.0	53
22	High excess mortality in areas with young and socially vulnerable populations during the COVID-19 outbreak in Stockholm Region, Sweden. <i>BMJ Global Health</i> , 2020, 5, e003595.	4.7	50
23	Long-term exposure to low-level air pollution and incidence of chronic obstructive pulmonary disease: The ELAPSE project. <i>Environment International</i> , 2021, 146, 106267.	10.0	50
24	Development of Europe-Wide Models for Particle Elemental Composition Using Supervised Linear Regression and Random Forest. <i>Environmental Science & Technology</i> , 2020, 54, 15698-15709.	10.0	43
25	Long-term exposure to low-level air pollution and incidence of asthma: the ELAPSE project. <i>European Respiratory Journal</i> , 2021, 57, 2003099.	6.7	40
26	A Random Forest Approach to Estimate Daily Particulate Matter, Nitrogen Dioxide, and Ozone at Fine Spatial Resolution in Sweden. <i>Atmosphere</i> , 2020, 11, 239.	2.3	38
27	Long-term exposure to air pollution and liver cancer incidence in six European cohorts. <i>International Journal of Cancer</i> , 2021, 149, 1887-1897.	5.1	35
28	Pollen Season Trends (1973-2013) in Stockholm Area, Sweden. <i>PLoS ONE</i> , 2016, 11, e0166887.	2.5	35
29	Early life determinants of lung function change from childhood to adolescence. <i>Respiratory Medicine</i> , 2018, 139, 48-54.	2.9	32
30	Long-term exposure to fine particle elemental components and lung cancer incidence in the ELAPSE pooled cohort. <i>Environmental Research</i> , 2021, 193, 110568.	7.5	32
31	Early life exposure to traffic-related air pollution and lung function in adolescence assessed with impulse oscillometry. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 930-932.e5.	2.9	30
32	Can dispersion modeling of air pollution be improved by land-use regression? An example from Stockholm, Sweden. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2017, 27, 575-581.	3.9	30
33	Personal exposure to black carbon in Stockholm, using different intra-urban transport modes. <i>Science of the Total Environment</i> , 2019, 674, 279-287.	8.0	30
34	Exposure to ultrafine particles and respiratory hospitalisations in five European cities. <i>European Respiratory Journal</i> , 2016, 48, 674-682.	6.7	28
35	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
36	Exposure to Chemical Agents in Swedish Aluminum Foundries and Aluminum Remelting Plants?A Comprehensive Survey. <i>Journal of Occupational and Environmental Hygiene</i> , 2001, 16, 66-77.	0.4	20

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37	Modeling multi-level survival data in multi-center epidemiological cohort studies: Applications from the ELAPSE project. <i>Environment International</i> , 2021, 147, 106371.	10.0	19
38	Air pollution as a risk factor for Cognitive Impairment no Dementia (CIND) and its progression to dementia: A longitudinal study. <i>Environment International</i> , 2022, 160, 107067.	10.0	17
39	Long-term Air Pollution Exposure and Pneumonia-related Mortality in a Large Pooled European Cohort. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 1429-1439.	5.6	17
40	Comparison of ambient airborne PM2.5, PM2.5 absorbance and nitrogen dioxide ratios measured in 1999 and 2009 in three areas in Europe. <i>Science of the Total Environment</i> , 2014, 487, 290-298.	8.0	16
41	Short-term effects of air pollutants on daily mortality in the Stockholm county – A spatiotemporal analysis. <i>Environmental Research</i> , 2020, 188, 109854.	7.5	14
42	Long-Term Exposure to PM2.5 and Cognitive Decline: A Longitudinal Population-Based Study. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 591-599.	2.6	13
43	Individual Exposure to NO2 in Relation to Spatial and Temporal Exposure Indices in Stockholm, Sweden: The INDEX Study. <i>PLoS ONE</i> , 2012, 7, e39536.	2.5	12
44	Long-term exposure to ambient air pollution and bladder cancer incidence in a pooled European cohort: the ELAPSE project. <i>British Journal of Cancer</i> , 2022, 126, 1499-1507.	6.4	12
45	Association of Short-term Air Pollution Exposure With SARS-CoV-2 Infection Among Young Adults in Sweden. <i>JAMA Network Open</i> , 2022, 5, e228109.	5.9	12
46	Long-Term Exposure to Source-Specific Fine Particles and Mortality – A Pooled Analysis of 14 European Cohorts within the ELAPSE Project. <i>Environmental Science & Technology</i> , 2022, 56, 9277-9290.	10.0	11
47	Long-term exposure to particulate air pollution and black carbon in relation to natural and cause-specific mortality: a multicohort study in Sweden. <i>BMJ Open</i> , 2021, 11, e046040.	1.9	10
48	Environmental Air Pollution and Olfactory Decline in Aging. <i>Environmental Health Perspectives</i> , 2022, 130, 27005.	6.0	10
49	Determinants of personal exposure to some carcinogenic substances and nitrogen dioxide among the general population in five Swedish cities. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2014, 24, 437-443.	3.9	5
50	LONG-TERM EXPOSURE TO AIR POLLUTION AND THE RISK OF DEMENTIA: THE ROLE OF CARDIOVASCULAR DISEASES. <i>Innovation in Aging</i> , 2019, 3, S119-S119.	0.1	3
51	Comparison of measured residential black carbon levels outdoors and indoors with fixed-site monitoring data and with dispersion modelling. <i>Environmental Science and Pollution Research</i> , 2021, 28, 16264-16271.	5.3	3
52	OP VII – “Does temperature confounding control influence the modifying effect of air temperature in ozone-mortality associations?”. , 2018, , .		0
53	Long-Term Exposure to PM2.5 and Cognitive Decline: A Longitudinal Population-Based Study. <i>Advances in Alzheimer's Disease</i> , 2021, , .	0.2	0
54	Long-term exposure to source-specific particulate air pollution and mortality. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0