Regina GraÅ¾uleviÄienÄ

List of Publications by Year
in descending order

135 papers	9,475 citations	50276 46 h-index	40979 93 g-index
143 all docs	143 docs citations	143 times ranked	9903 citing authors

#	Article	IF	Citations
1	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
2	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
3	Ambient air pollution and low birthweight: a European cohort study (ESCAPE). Lancet Respiratory Medicine,the, 2013, 1, 695-704.	10.7	464
4	Natural outdoor environments and mental and physical health: Relationships and mechanisms. Environment International, 2015, 77, 35-41.	10.0	435
5	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
6	The Human Early-Life Exposome (HELIX): Project Rationale and Design. Environmental Health Perspectives, 2014, 122, 535-544.	6.0	280
7	Risks and Benefits of Green Spaces for Children: A Cross-Sectional Study of Associations with Sedentary Behavior, Obesity, Asthma, and Allergy. Environmental Health Perspectives, 2014, 122, 1329-1335.	6.0	261
8	Visiting green space is associated with mental health and vitality: A cross-sectional study in four european cities. Health and Place, 2016, 38, 8-15.	3.3	240
9	Accessibility and use of urban green spaces, and cardiovascular health: findings from a Kaunas cohort study. Environmental Health, 2014, 13, 20.	4.0	225
10	Pregnancy and Birth Cohort Resources in Europe: a Large Opportunity for Aetiological Child Health Research. Paediatric and Perinatal Epidemiology, 2013, 27, 393-414.	1.7	214
11	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
12	Human Early Life Exposome (HELIX) study: a European population-based exposome cohort. BMJ Open, 2018, 8, e021311.	1.9	161
13	Inequality, green spaces, and pregnant women: Roles of ethnicity and individual and neighbourhood socioeconomic status. Environment International, 2014, 71, 101-108.	10.0	146
14	Occurrence and Toxicity of Disinfection Byproducts in European Drinking Waters in Relation with the HIWATE Epidemiology Study. Environmental Science & Technology, 2012, 46, 12120-12128.	10.0	143
15	Natural outdoor environments and mental health: Stress as a possible mechanism. Environmental Research, 2017, 159, 629-638.	7.5	142
16	Early-Life Environmental Exposures and Childhood Obesity: An Exposome-Wide Approach. Environmental Health Perspectives, 2020, 128, 67009.	6.0	135
17	In-utero and childhood chemical exposome in six European mother-child cohorts. Environment International, 2018, 121, 751-763.	10.0	122
18	Positivehealtheffects of thenaturaloutdoor environment intypicalpopulations in different regions inEurope (PHENOTYPE): a study programme protocol. BMJ Open, 2014, 4, e004951.	1.9	120

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19	European Birth Cohorts for Environmental Health Research. Environmental Health Perspectives, 2012, 120, 29-37.	6.0	116
20	Maternal exposure to low-level air pollution and pregnancy outcomes: a population-based study. Environmental Health, 2002, 1, 6.	4.0	115
21	The relationship of green space, depressive symptoms and perceived general health in urban population. Scandinavian Journal of Public Health, 2014, 42, 669-676.	2.3	111
22	Prenatal Particulate Air Pollution and DNA Methylation in Newborns: An Epigenome-Wide Meta-Analysis. Environmental Health Perspectives, 2019, 127, 57012.	6.0	111
23	Determinants of the urinary and serum metabolome in children from six European populations. BMC Medicine, 2018, 16, 202.	5.5	107
24	Impact of Residential Greenness on Preschool Childrenâ€™s Emotional and Behavioral Problems. International Journal of Environmental Research and Public Health, 2014, 11, 6757-6770.	2.6	106
25	Variability of urinary concentrations of non-persistent chemicals in pregnant women and school-aged children. Environment International, 2018, 121, 561-573.	10.0	106
26	Early-Life Environmental Exposures and Blood Pressure in Children. Journal of the American College of Cardiology, 2019, 74, 1317-1328.	2.8	103
27	Do Physical Activity, Social Cohesion, and Loneliness Mediate the Association Between Time Spent Visiting Green Space and Mental Health?. Environment and Behavior, 2019, 51, 144-166.	4.7	101
28	Trihalomethanes in Drinking Water and Bladder Cancer Burden in the European Union. Environmental Health Perspectives, 2020, 128, 17001.	6.0	101
29	Early-life exposome and lung function in children in Europe: an analysis of data from the longitudinal, population-based HELIX cohort. Lancet Planetary Health, The, 2019, 3, e81-e92.	11.4	100
30	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
31	Diet as a Source of Exposure to Environmental Contaminants for Pregnant Women and Children from Six European Countries. Environmental Health Perspectives, 2019, 127, 107005.	6.0	94
32	Surrounding greenness, proximity to city parks and pregnancy outcomes in Kaunas cohort study. International Journal of Hygiene and Environmental Health, 2015, 218, 358-365.	4.3	93
33	Prenatal Exposure to Perfluoroalkyl Substances Associated With Increased Susceptibility to Liver Injury in Children. Hepatology, 2020, 72, 1758-1770.	7.3	90
34	Associations between neighbourhood greenness and asthma in preschool children in Kaunas, Lithuania: a caseâ€“control study. BMJ Open, 2016, 6, e010341.	1.9	85
35	Health impacts of long-term exposure to disinfection by-products in drinking water in Europe: HIWATE. Journal of Water and Health, 2009, 7, 185-207.	2.6	83
36	The early-life exposome: Description and patterns in six European countries. Environment International, 2019, 123, 189-200.	10.0	83

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37	Occupational Exposure to Endocrine-Disrupting Chemicals and Birth Weight and Length of Gestation: A European Meta-Analysis. Environmental Health Perspectives, 2016, 124, 1785-1793.	6.0	78
38	Maternal Smoking,GSTM1 and GSTT1 Polymorphism and Susceptibility to Adverse Pregnancy Outcomes. International Journal of Environmental Research and Public Health, 2009, 6, 1282-1297.	2.6	77
39	The Urban Exposome during Pregnancy and Its Socioeconomic Determinants. Environmental Health Perspectives, 2018, 126, 077005.	6.0	77
40	Influence of the Urban Exposome on Birth Weight. Environmental Health Perspectives, 2019, 127, 47007.	6.0	65
41	Neighbourhood green space, social environment and mental health: an examination in four European cities. International Journal of Public Health, 2017, 62, 657-667.	2.3	58
42	Analysis of multicentre epidemiological studies: contrasting fixed or random effects modelling and meta-analysis. International Journal of Epidemiology, 2018, 47, 1343-1354.	1.9	52
43	Exploring mechanisms underlying the relationship between the natural outdoor environment and health and well-being â€“ Results from the PHENOTYPE project. Environment International, 2020, 134, 105173.	10.0	52
44	Early-life environmental exposure determinants of child behavior in Europe: A longitudinal, population-based study. Environment International, 2021, 153, 106523.	10.0	52
45	Individual exposures to drinking water trihalomethanes, low birth weight and small for gestational age risk: a prospective Kaunas cohort study. Environmental Health, 2011, 10, 32.	4.0	51
46	Socioeconomic position and exposure to multiple environmental chemical contaminants in six European mother-child cohorts. International Journal of Hygiene and Environmental Health, 2019, 222, 864-872.	4.3	51
47	The Influence of Proximity to City Parks on Blood Pressure in Early Pregnancy. International Journal of Environmental Research and Public Health, 2014, 11, 2958-2972.	2.6	50
48	Maternal occupation during pregnancy, birth weight, and length of gestation: combined analysis of 13 European birth cohorts. Scandinavian Journal of Work, Environment and Health, 2015, 41, 384-396.	3.4	50
49	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
50	Active commuting through natural environments is associated with better mental health: Results from the PHENOTYPE project. Environment International, 2018, 121, 721-727.	10.0	49
51	The early-life exposome and epigenetic age acceleration in children. Environment International, 2021, 155, 106683.	10.0	47
52	Tracking Restoration of Park and Urban Street Settings in Coronary Artery Disease Patients. International Journal of Environmental Research and Public Health, 2016, 13, 550.	2.6	46
53	Does time spent on visits to green space mediate the associations between the level of residential greenness and mental health?. Urban Forestry and Urban Greening, 2017, 25, 94-102.	5.3	44
54	Characterisation of the natural environment: quantitative indicators across Europe. International Journal of Health Geographics, 2017, 16, 16.	2.5	44

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55	Early life multiple exposures and child cognitive function: A multi-centric birth cohort study in six European countries. Environmental Pollution, 2021, 284, 117404.	7.5	44
56	Exploring Educational Disparities in Risk of Preterm Delivery: A Comparative Study of 12 <scp>E</scp>uropean Birth Cohorts. Paediatric and Perinatal Epidemiology, 2015, 29, 172-183.	1.7	43
57	Living Close to Natural Outdoor Environments in Four European Cities: Adultsâ€™ Contact with the Environments and Physical Activity. International Journal of Environmental Research and Public Health, 2017, 14, 1162.	2.6	42
58	Development of the natural environment scoring tool (NEST). Urban Forestry and Urban Greening, 2018, 29, 322-333.	5.3	42
59	Obesity is associated with shorter telomeres in 8 year-old children. Scientific Reports, 2019, 9, 18739.	3.3	40
60	The Effect of Park and Urban Environments on Coronary Artery Disease Patients: A Randomized Trial. BioMed Research International, 2015, 2015, 1-9.	1.9	39
61	Exposure to urban nitrogen dioxide pollution and the risk of myocardial infarction. Scandinavian Journal of Work, Environment and Health, 2004, 30, 293-298.	3.4	39
62	The effect of residential greenness and city park visiting habits on preschool Children's mental and general health in Lithuania: A cross-sectional study. International Journal of Hygiene and Environmental Health, 2020, 223, 142-150.	4.3	38
63	Risk of congenital anomalies in relation to the uptake of trihalomethane from drinking water during pregnancy. Occupational and Environmental Medicine, 2013, 70, 274-282.	2.8	36
64	The Influence of Meteorological Factors and Atmospheric Pollutants on the Risk of Preterm Birth. American Journal of Epidemiology, 2017, 185, 247-258.	3.4	35
65	Environmental Burden of Childhood Disease in Europe. International Journal of Environmental Research and Public Health, 2019, 16, 1084.	2.6	34
66	Prenatal and postnatal exposure to PFAS and cardiometabolic factors and inflammation status in children from six European cohorts. Environment International, 2021, 157, 106853.	10.0	33
67	Prenatal and Childhood Traffic-Related Air Pollution Exposure and Telomere Length in European Children: The HELIX Project. Environmental Health Perspectives, 2019, 127, 87001.	6.0	32
68	Low Childhood Nature Exposure is Associated with Worse Mental Health in Adulthood. International Journal of Environmental Research and Public Health, 2019, 16, 1809.	2.6	32
69	Risk of hypertension related to road traffic noise among reproductive-age women. Noise and Health, 2011, 13, 371.	0.5	30
70	Exposure to Drinking Water Trihalomethanes and Their Association with Low Birth Weight and Small for Gestational Age in Genetically Susceptible Women. International Journal of Environmental Research and Public Health, 2012, 9, 4470-4485.	2.6	30
71	Association of Fish Consumption and Mercury Exposure During Pregnancy With Metabolic Health and Inflammatory Biomarkers in Children. JAMA Network Open, 2020, 3, e201007.	5.9	30
72	Association of Prenatal Exposure to Endocrine-Disrupting Chemicals With Liver Injury in Children. JAMA Network Open, 2022, 5, e2220176.	5.9	30

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73	Impact of the Social and Natural Environment on Preschool-Age Children Weight. International Journal of Environmental Research and Public Health, 2018, 15, 449.	2.6	29
74	Prenatal exposure to a wide range of environmental chemicals and child behaviour between 3 and 7Âyears of age â€“ An exposome-based approach in 5 European cohorts. Science of the Total Environment, 2021, 763, 144115.	8.0	29
75	Association between the pregnancy exposome and fetal growth. International Journal of Epidemiology, 2020, 49, 572-586.	1.9	28
76	Identification of autosomal cis expression quantitative trait methylation (cis eQTMs) in childrenâ€™s blood. ELife, 2022, 11, .	6.0	28
77	Serum organochlorines and urinary porphyrin pattern in a population highly exposed to hexachlorobenzene. Environmental Health, 2002, 1, 1.	4.0	27
78	Drinking Water Disinfection By-products, Genetic Polymorphisms, and Birth Outcomes in a European Motherâ€“Child Cohort Study. Epidemiology, 2016, 27, 903-911.	2.7	27
79	Personal assessment of the external exposome during pregnancy and childhood in Europe.. Environmental Research, 2019, 174, 95-104.	7.5	27
80	Multiple environmental exposures in early-life and allergy-related outcomes in childhood. Environment International, 2020, 144, 106038.	10.0	27
81	Occurrence of DBPs in Drinking Water of European Regions for Epidemiology Studies. Journal - American Water Works Association, 2016, 108, E501.	0.3	24
82	Dog ownership, the natural outdoor environment and health: a cross-sectional study. BMJ Open, 2019, 9, e023000.	1.9	24
83	Advancing tools for human early lifecourse exposome research and translation (ATHLETE). Environmental Epidemiology, 2021, 5, e166.	3.0	24
84	Variability of multi-omics profiles in a population-based child cohort. BMC Medicine, 2021, 19, 166.	5.5	23
85	In utero and childhood exposure to tobacco smoke and multi-layer molecular signatures in children. BMC Medicine, 2020, 18, 243.	5.5	22
86	Using methylome data to inform exposome-health association studies: An application to the identification of environmental drivers of child body mass index. Environment International, 2020, 138, 105622.	10.0	22
87	Narrative review of citizen science in environmental epidemiology: Setting the stage for co-created research projects in environmental epidemiology. Environment International, 2021, 152, 106470.	10.0	22
88	In Utero Exposure to Mercury Is Associated With Increased Susceptibility to Liver Injury and Inflammation in Childhood. Hepatology, 2021, 74, 1546-1559.	7.3	22
89	DNA methylation signatures of aggression and closely related constructs: A meta-analysis of epigenome-wide studies across the lifespan. Molecular Psychiatry, 2021, 26, 2148-2162.	7.9	21
90	Low job control and myocardial infarction risk in the occupational categories of Kaunas men, Lithuania. Journal of Epidemiology and Community Health, 2004, 58, 131-135.	3.7	20

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91	Low level maternal smoking and infant birthweight reduction: genetic contributions of GSTT1 and GSTM1polymorphisms. BMC Pregnancy and Childbirth, 2012, 12, 161.	2.4	20
92	Disinfection by-product occurrence in selected European waters. Journal of Water Supply: Research and Technology - AQUA, 2014, 63, 379-390.	1.4	19
93	Early life tobacco exposure and childrenâ€™s telomere length: The HELIX project. Science of the Total Environment, 2020, 711, 135028.	8.0	17
94	Understanding correlates of neighborhood aesthetic ratings: A European-based Four City comparison. Urban Forestry and Urban Greening, 2020, 47, 126523.	5.3	16
95	Effect of diet and maternal education on allergies among preschool children: A case-control study. Environmental Research, 2017, 159, 374-380.	7.5	15
96	Neighborhood Social and Built Environment and Disparities in the Risk of Hypertension: A Cross-Sectional Study. International Journal of Environmental Research and Public Health, 2020, 17, 7696.	2.6	15
97	Policy recommendations and cost implications for a more sustainable framework for European human biomonitoring surveys. Environmental Research, 2015, 141, 42-57.	7.5	14
98	Psychosocial stress and obesity among children residing in Kaunas City. Environmental Research, 2017, 157, 37-43.	7.5	14
99	Individual exposure to nitrogen dioxide and adverse pregnancy outcomes in Kaunas study. International Journal of Environmental Health Research, 2017, 27, 230-240.	2.7	14
100	Myocardial infarction risk and occupational categories in Kaunas 25-64 year old men. Occupational and Environmental Medicine, 2002, 59, 745-750.	2.8	13
101	Research note: Natural environments and prescribing in England. Landscape and Urban Planning, 2016, 151, 103-108.	7.5	12
102	The impact of particulate matter on allergy risk among adults: integrated exposure assessment. Environmental Science and Pollution Research, 2019, 26, 10070-10082.	5.3	12
103	Psychosocial factors at work and myocardial infarction among men in Kaunas, Lithuania. Scandinavian Journal of Work, Environment and Health, 2005, 31, 218-223.	3.4	12
104	Short-term nitrogen dioxide exposure and geomagnetic activity interaction: contribution to emergency hospitalization for acute coronary syndrome. International Journal of Environmental Health Research, 2011, 21, 149-160.	2.7	11
105	Influence of fetal glutathione S-transferase copy number variants on adverse reproductive outcomes. BJOG: an International Journal of Obstetrics and Gynaecology, 2012, 119, 1141-1146.	2.3	11
106	Urban environment and health behaviours in children from six European countries. Environment International, 2022, 165, 107319.	10.0	11
107	Environmental Quality Perceptions and Health: A Cross-Sectional Study of Citizens of Kaunas, Lithuania. International Journal of Environmental Research and Public Health, 2020, 17, 4420.	2.6	10
108	INFLUENCE OF TRUCK TRAFFIC ON ACOUSTIC POLLUTION IN KAUNAS DISTRICTS CROSSED BY HIGHWAYS/KROVININIO AUTOTRANSPORTO Ä®TAKA AKUSTINEI TARÅAI RESPUBLIKINÄ–S REIKÅMÄ–S MAGISTRALIÅ² KERTAMUOSE KAUNO MIKRORAJONUOSE/ Ð'Ð›Ð˜Ð¯ÐŠÐ• Ð"ÐÐ£Ð—ÐžÐ'ÐžÐ"Ðž ÐÐ'Ð¢ÐžÐ¢ÐÐÐ¡ÐŸÐžÐÐ¢Ð•ÐÐ•ÐÐšÐ£Ð¡Ð¢Ð§ Landscape Management, 2009, 17, 198-204.	1.8	8

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109	Urinary metabolite quantitative trait loci in children and their interaction with dietary factors. Human Molecular Genetics, 2021, 29, 3830-3844.	2.9	7
110	Urban Environment and Health: A Cross-Sectional Study of the Influence of Environmental Quality and Physical Activity on Blood Pressure. International Journal of Environmental Research and Public Health, 2021, 18, 6126.	2.6	7
111	Formaldehyde Exposure and Low Birth Weight Incidence. Journal of Occupational Health, 1998, 40, 61-67.	2.1	6
112	Impact of Psychosocial Environment on Young Childrenâ€™s Emotional and Behavioral Difficulties. International Journal of Environmental Research and Public Health, 2017, 14, 1278.	2.6	6
113	Does surrounding greenness moderate the relationship between apparent temperature and physical activity? Findings from the PHENOTYPE project. Environmental Research, 2021, 197, 110992.	7.5	6
114	Urinary metabolic biomarkers of diet quality in European children are associated with metabolic health. ELife, 2022, 11, .	6.0	6
115	The early-life exposome modulates the effect of polymorphic inversions on DNA methylation. Communications Biology, 2022, 5, 455.	4.4	6
116	Effects of Individual and Environmental Factors on GPS-Based Time Allocation in Urban Microenvironments Using GIS. Applied Sciences (Switzerland), 2018, 8, 2007.	2.5	5
117	The association between natural outdoor environments and common somatic symptoms. Health and Place, 2020, 64, 102381.	3.3	5
118	Prenatal and childhood exposure to air pollution and traffic and the risk of liver injury in European children. Environmental Epidemiology, 2021, 5, e153.	3.0	5
119	Measuring the Outcomes of a Participatory Research Study: Findings from an Environmental Epidemiological Study in Kaunas City. Sustainability, 2021, 13, 9368.	3.2	5
120	Short- and medium-term air pollution exposure, plasmatic protein levels and blood pressure in children. Environmental Research, 2022, 211, 113109.	7.5	5
121	The Impact of Tobacco Smoke Exposure on Wheezing and Overweight in 4â€“6-Year-Old Children. BioMed Research International, 2014, 2014, 1-8.	1.9	4
122	Early life exposome and lung function in children from the HELIX cohort. , 2018, , .		4
123	Gene-environment interaction: maternal smoking and contribution of GSTT1 and GSTM1 polymorphisms to infant birth-weight reduction in a Kaunas cohort study. Journal of Epidemiology and Community Health, 2010, 64, 648-648.	3.7	3
124	Use of the Natural Outdoor Environment in Different Populations in Europe in Relation to Access: Implications for Policy. International Journal of Environmental Research and Public Health, 2022, 19, 2226.	2.6	3
125	Environmental Exposures and Childhood Obesity: An Exposome Analysis. ISEE Conference Abstracts, 2018, 2018, .	0.0	1
126	Green CURIOCITY: a study protocol for a European birth cohort study analysing childhood heat-related health impacts and protective effects of urban natural environments. BMJ Open, 2022, 12, e052537.	1.9	1

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127	Risk factors for heart failure in survivors after first myocardial infarction. Medicina (Lithuania), 2006, 42, 810-6.	2.0	1
128	Study of the Combined Effect of Maternal Tobacco Smoking and Polygenic Risk Scores on Birth Weight and Body Mass Index in Childhood. Frontiers in Genetics, 2022, 13, .	2.3	1
129	Low-Level Nitrogen Dioxide Exposure and Low Birth Weight Risk in Kaunas City. Epidemiology, 2009, 20, S104.	2.7	0
130	Trihalomethanes Exposure Through Drinking Water and Low Birth Weight Risk in Kaunas Cohort. Epidemiology, 2009, 20, S105.	2.7	0
131	Individual Exposure to Nitrogen Dioxide and Preterm Birth Risk in Kaunas. Environmental Research, Engineering and Management, 2011, 56, .	1.0	0
132	Environmental Exposures, Genetic Susceptibility and Preterm Birth. , 0, , .		0
133	Water Disinfection By-products and the Risk of Congenital Anomalies in Kaunas. Environmental Research, Engineering and Management, 2012, 61, .	1.0	0
134	CITIZENS EDUCATION THROUGH PARTICIPATORY RESEARCH LEARNING: A KAUNAS PILOT STUDY. EDULEARN Proceedings, 2019, , .	0.0	0
135	Early Life Multiple Exposures and Child Cognitive Function: A Multi-Centric Birth Cohort Study in Six European Countries. SSRN Electronic Journal, 0, , .	0.4	0