

# Tim S Nawrot

## List of Publications by Citations

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316  
papers

12,769  
citations

59  
h-index

101  
g-index

332  
ext. papers

15,526  
ext. citations

8  
avg, IF

6.49  
L-index

#	Paper	IF	Citations
3 <sup>16</sup>	Cadmium stress: an oxidative challenge. <i>BioMetals</i> , <b>2010</b> , 23, 927-40	3.4	651
3 <sup>15</sup>	Environmental exposure to cadmium and risk of cancer: a prospective population-based study. <i>Lancet Oncology, The</i> , <b>2006</b> , 7, 119-26	21.7	438
3 <sup>14</sup>	Public health importance of triggers of myocardial infarction: a comparative risk assessment. <i>Lancet, The</i> , <b>2011</b> , 377, 732-40	4.0	364
3 <sup>13</sup>	Cadmium exposure in the population: from health risks to strategies of prevention. <i>BioMetals</i> , <b>2010</b> , 23, 769-82	3.4	298
3 <sup>12</sup>	Prevalence, persistence, and clinical significance of masked hypertension in youth. <i>Hypertension</i> , <b>2005</b> , 45, 493-8	8.5	293
3 <sup>11</sup>	Telomere length and possible link to X chromosome. <i>Lancet, The</i> , <b>2004</b> , 363, 507-10	4.0	289
3 <sup>10</sup>	Gender and telomere length: systematic review and meta-analysis. <i>Experimental Gerontology</i> , <b>2014</b> , 51, 15-27	4.5	285
3 <sup>09</sup>	Ambulatory arterial stiffness index derived from 24-hour ambulatory blood pressure monitoring. <i>Hypertension</i> , <b>2006</b> , 47, 359-64	8.5	269
3 <sup>08</sup>	How much do resin-based dental materials release? A meta-analytical approach. <i>Dental Materials</i> , <b>2011</b> , 27, 723-47	5.7	267
3 <sup>07</sup>	Carotid intima-media thickness and antihypertensive treatment: a meta-analysis of randomized controlled trials. <i>Stroke</i> , <b>2006</b> , 37, 1933-40	6.7	220
3 <sup>06</sup>	MicroRNAs as potential signatures of environmental exposure or effect: a systematic review. <i>Environmental Health Perspectives</i> , <b>2015</b> , 123, 399-411	8.4	205
3 <sup>05</sup>	Effect of smoke-free legislation on perinatal and child health: a systematic review and meta-analysis. <i>Lancet, The</i> , <b>2014</b> , 383, 1549-60	4.0	188
3 <sup>04</sup>	Ambient black carbon particles reach the fetal side of human placenta. <i>Nature Communications</i> , <b>2019</b> , 10, 3866	17.4	187
3 <sup>03</sup>	Sexual maturation in relation to polychlorinated aromatic hydrocarbons: Sharpe and Skakkebaek hypothesis revisited. <i>Environmental Health Perspectives</i> , <b>2002</b> , 110, 771-6	8.4	177
3 <sup>02</sup>	C-reactive protein: a new predictor of adverse outcome in pulmonary arterial hypertension. <i>Journal of the American College of Cardiology</i> , <b>2009</b> , 53, 1211-8	15.1	174
3 <sup>01</sup>	Renal function, cytogenetic measurements, and sexual development in adolescents in relation to environmental pollutants: a feasibility study of biomarkers. <i>Lancet, The</i> , <b>2001</b> , 357, 1660-9	4.0	170
3 <sup>00</sup>	House dust as possible route of environmental exposure to cadmium and lead in the adult general population. <i>Environmental Research</i> , <b>2007</b> , 103, 30-7	7.9	154

299	High human exposure to cobalt and other metals in Katanga, a mining area of the Democratic Republic of Congo. <i>Environmental Research</i> , <b>2009</b> , 109, 745-52	7.9	152
298	Sustainability of artisanal mining of cobalt in DR Congo. <i>Nature Sustainability</i> , <b>2018</b> , 1, 495-504	22.1	152
297	Placental mitochondrial DNA content and particulate air pollution during in utero life. <i>Environmental Health Perspectives</i> , <b>2012</b> , 120, 1346-52	8.4	149
296	Bone resorption and environmental exposure to cadmium in women: a population study. <i>Environmental Health Perspectives</i> , <b>2008</b> , 116, 777-83	8.4	141
295	Placental DNA hypomethylation in association with particulate air pollution in early life. <i>Particle and Fibre Toxicology</i> , <b>2013</b> , 10, 22	8.4	127
294	Placental mitochondrial methylation and exposure to airborne particulate matter in the early life environment: An ENVIRONAGE birth cohort study. <i>Epigenetics</i> , <b>2015</b> , 10, 536-44	5.7	123
293	Prenatal Air Pollution and Newborns' Predisposition to Accelerated Biological Aging. <i>JAMA Pediatrics</i> , <b>2017</b> , 171, 1160-1167	8.3	122
292	An epidemiological appraisal of the association between heart rate variability and particulate air pollution: a meta-analysis. <i>Heart</i> , <b>2012</b> , 98, 1127-35	5.1	122
291	Subclinical responses in healthy cyclists briefly exposed to traffic-related air pollution: an intervention study. <i>Environmental Health</i> , <b>2010</b> , 9, 64	6	110
290	Cadmium-related mortality and long-term secular trends in the cadmium body burden of an environmentally exposed population. <i>Environmental Health Perspectives</i> , <b>2008</b> , 116, 1620-8	8.4	108
289	Long-Term Exposure to Particulate Matter Air Pollution Is a Risk Factor for Stroke: Meta-Analytical Evidence. <i>Stroke</i> , <b>2015</b> , 46, 3058-66	6.7	101
288	An epidemiological reappraisal of the familial aggregation of prostate cancer: a meta-analysis. <i>PLoS ONE</i> , <b>2011</b> , 6, e27130	3.7	100
287	Human exposure to endocrine disrupting chemicals and fertility: A case-control study in male subfertility patients. <i>Environment International</i> , <b>2015</b> , 84, 154-60	12.9	98
286	Influence of ambient air pollution on global DNA methylation in healthy adults: a seasonal follow-up. <i>Environment International</i> , <b>2013</b> , 59, 418-24	12.9	91
285	Impact of a stepwise introduction of smoke-free legislation on the rate of preterm births: analysis of routinely collected birth data. <i>BMJ, The</i> , <b>2013</b> , 346, f441	5.9	86
284	Concept of the Flemish human biomonitoring programme. <i>International Journal of Hygiene and Environmental Health</i> , <b>2012</b> , 215, 102-8	6.9	85
283	Air pollution related prothrombotic changes in persons with diabetes. <i>Environmental Health Perspectives</i> , <b>2010</b> , 118, 191-6	8.4	85
282	Blood pressure and blood selenium: a cross-sectional and longitudinal population study. <i>European Heart Journal</i> , <b>2007</b> , 28, 628-33	9.5	84

281	Maternal pre-pregnancy body mass index and newborn telomere length. <i>BMC Medicine</i> , <b>2016</b> , 14, 148	11.4	82
280	Immunologic biomarkers in relation to exposure markers of PCBs and dioxins in Flemish adolescents (Belgium). <i>Environmental Health Perspectives</i> , <b>2002</b> , 110, 595-600	8.4	82
279	Long-term azithromycin therapy for bronchiolitis obliterans syndrome: divide and conquer?. <i>Journal of Heart and Lung Transplantation</i> , <b>2010</b> , 29, 1358-68	5.8	81
278	Particulate matter in the environment: pulmonary and cardiovascular effects. <i>Current Opinion in Pulmonary Medicine</i> , <b>2007</b> , 13, 98-106	3	81
277	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. <i>Nature Communications</i> , <b>2019</b> , 10, 1893	17.4	79
276	Prenatal Ambient Air Pollution, Placental Mitochondrial DNA Content, and Birth Weight in the INMA (Spain) and ENVIRONAGE (Belgium) Birth Cohorts. <i>Environmental Health Perspectives</i> , <b>2016</b> , 124, 659-65	8.4	77
275	Combined Effects of Prenatal Exposures to Environmental Chemicals on Birth Weight. <i>International Journal of Environmental Research and Public Health</i> , <b>2016</b> , 13,	4.6	77
274	In Utero Fine Particle Air Pollution and Placental Expression of Genes in the Brain-Derived Neurotrophic Factor Signaling Pathway: An ENVIRONAGE Birth Cohort Study. <i>Environmental Health Perspectives</i> , <b>2015</b> , 123, 834-40	8.4	76
273	Prenatal exposure to environmental contaminants and behavioural problems at age 7-8years. <i>Environment International</i> , <b>2013</b> , 59, 225-31	12.9	73
272	Blood Pressure and Same-Day Exposure to Air Pollution at School: Associations with Nano-Sized to Coarse PM in Children. <i>Environmental Health Perspectives</i> , <b>2015</b> , 123, 737-42	8.4	72
271	Pathways of human exposure to cobalt in Katanga, a mining area of the D.R. Congo. <i>Science of the Total Environment</i> , <b>2014</b> , 490, 313-21	10.2	70
270	Biomolecular Markers within the Core Axis of Aging and Particulate Air Pollution Exposure in the Elderly: A Cross-Sectional Study. <i>Environmental Health Perspectives</i> , <b>2016</b> , 124, 943-50	8.4	67
269	The impact of traffic air pollution on bronchiolitis obliterans syndrome and mortality after lung transplantation. <i>Thorax</i> , <b>2011</b> , 66, 748-54	7.3	66
268	Predicting changes in preferences for life-sustaining treatment among patients with advanced chronic organ failure. <i>Chest</i> , <b>2012</b> , 141, 1251-1259	5.3	65
267	Acute changes in pulse pressure in relation to constituents of particulate air pollution in elderly persons. <i>Environmental Research</i> , <b>2012</b> , 117, 60-7	7.9	64
266	Bone resorption and environmental exposure to cadmium in children: a cross-sectional study. <i>Environmental Health</i> , <b>2011</b> , 10, 104	6	64
265	Induction of IL-6 and inhibition of IL-8 secretion in the human airway cell line Calu-3 by urban particulate matter collected with a modified method of PM sampling. <i>Environmental Research</i> , <b>2009</b> , 109, 528-35	7.9	64
264	Correlates of Peripheral Blood Mitochondrial DNA Content in a General Population. <i>American Journal of Epidemiology</i> , <b>2016</b> , 183, 138-46	3.8	63

263	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. <i>International Journal of Epidemiology</i> , <b>2018</b> , 47, 22-23u	7.8	62
262	Children's Urinary Environmental Carbon Load. A Novel Marker Reflecting Residential Ambient Air Pollution Exposure?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 873-881	10.2	62
261	Wearable Sensors for Personal Monitoring and Estimation of Inhaled Traffic-Related Air Pollution: Evaluation of Methods. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 1859-1867	10.3	61
260	Blood pressure and particulate air pollution in schoolchildren of Lahore, Pakistan. <i>BMC Public Health</i> , <b>2012</b> , 12, 378	4.1	61
259	Occupational cadmium exposure and calcium excretion, bone density, and osteoporosis in men. <i>Journal of Bone and Mineral Research</i> , <b>2010</b> , 25, 1441-5	6.3	61
258	Mitochondrial oxidative DNA damage and exposure to particulate air pollution in mother-newborn pairs. <i>Environmental Health</i> , <b>2016</b> , 15, 10	6	59
257	Neurobehavioral function and low-level exposure to brominated flame retardants in adolescents: a cross-sectional study. <i>Environmental Health</i> , <b>2012</b> , 11, 86	6	59
256	Prenatal Particulate Air Pollution and DNA Methylation in Newborns: An Epigenome-Wide Meta-Analysis. <i>Environmental Health Perspectives</i> , <b>2019</b> , 127, 57012	8.4	58
255	Airway oxidative stress and inflammation markers in exhaled breath from children are linked with exposure to black carbon. <i>Environment International</i> , <b>2014</b> , 73, 440-6	12.9	58
254	Climate and environmental triggers of acute myocardial infarction. <i>European Heart Journal</i> , <b>2017</b> , 38, 955-960	9.5	58
253	Reference values in white Europeans for the arterial pulse wave recorded by means of the SphygmoCor device. <i>Hypertension Research</i> , <b>2006</b> , 29, 475-83	4.7	57
252	Air pollution-induced placental epigenetic alterations in early life: a candidate miRNA approach. <i>Epigenetics</i> , <b>2018</b> , 13, 135-146	5.7	56
251	Air Pollution Stress and the Aging Phenotype: The Telomere Connection. <i>Current Environmental Health Reports</i> , <b>2016</b> , 3, 258-69	6.5	56
250	Three cycles of human biomonitoring in Flanders - Time trends observed in the Flemish Environment and Health Study. <i>International Journal of Hygiene and Environmental Health</i> , <b>2017</b> , 220, 36-45	6.9	55
249	Lower Placental Leptin Promoter Methylation in Association with Fine Particulate Matter Air Pollution during Pregnancy and Placental Nitrosative Stress at Birth in the ENVIRONAGE Cohort. <i>Environmental Health Perspectives</i> , <b>2017</b> , 125, 262-268	8.4	54
248	Fetal Thyroid Function, Birth Weight, and Exposure to Fine Particle Air Pollution: A Birth Cohort Study. <i>Environmental Health Perspectives</i> , <b>2017</b> , 125, 699-705	8.4	53
247	Telomere Length as Cardiovascular Aging Biomarker: JACC Review Topic of the Week. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 72, 805-813	15.1	53
246	Placental Nitrosative Stress and Exposure to Ambient Air Pollution During Gestation: A Population Study. <i>American Journal of Epidemiology</i> , <b>2016</b> , 184, 442-9	3.8	53

245	Low-level environmental exposure to lead unmasked as silent killer. <i>Circulation</i> , <b>2006</b> , 114, 1347-9	16.7	52
244	Hallmarks of environmental insults. <i>Cell</i> , <b>2021</b> , 184, 1455-1468	56.2	52
243	Phthalate-induced oxidative stress and association with asthma-related airway inflammation in adolescents. <i>International Journal of Hygiene and Environmental Health</i> , <b>2017</b> , 220, 468-477	6.9	51
242	Lower placental telomere length may be attributed to maternal residential traffic exposure; a twin study. <i>Environment International</i> , <b>2015</b> , 79, 1-7	12.9	51
241	Association of total cancer and lung cancer with environmental exposure to cadmium: the meta-analytical evidence. <i>Cancer Causes and Control</i> , <b>2015</b> , 26, 1281-8	2.8	51
240	Air pollution and the fetal origin of disease: A systematic review of the molecular signatures of air pollution exposure in human placenta. <i>Environmental Research</i> , <b>2018</b> , 166, 310-323	7.9	51
239	Impact of air pollution on cystic fibrosis pulmonary exacerbations: a case-crossover analysis. <i>Chest</i> , <b>2013</b> , 143, 946-954	5.3	51
238	Traffic air pollution and oxidized LDL. <i>PLoS ONE</i> , <b>2011</b> , 6, e16200	3.7	51
237	Carotid intima-media thickness, a marker of subclinical atherosclerosis, and particulate air pollution exposure: the meta-analytical evidence. <i>PLoS ONE</i> , <b>2015</b> , 10, e0127014	3.7	50
236	Neurobehavioral performance in adolescents is inversely associated with traffic exposure. <i>Environment International</i> , <b>2015</b> , 75, 136-43	12.9	48
235	Decreased mitochondrial DNA content in association with exposure to polycyclic aromatic hydrocarbons in house dust during wintertime: from a population enquiry to cell culture. <i>PLoS ONE</i> , <b>2013</b> , 8, e63208	3.7	48
234	Higher circulating levels of IGF-1 are associated with longer leukocyte telomere length in healthy subjects. <i>Mechanisms of Ageing and Development</i> , <b>2009</b> , 130, 771-6	5.6	48
233	Ambient air pollution and health in Sub-Saharan Africa: Current evidence, perspectives and a call to action. <i>Environmental Research</i> , <b>2019</b> , 173, 174-188	7.9	47
232	Trace metals in blood and urine of newborn/mother pairs, adolescents and adults of the Flemish population (2007-2011). <i>International Journal of Hygiene and Environmental Health</i> , <b>2014</b> , 217, 878-90	6.9	47
231	Residential landscape as a predictor of psychosocial stress in the life course from childhood to adolescence. <i>Environment International</i> , <b>2018</b> , 120, 456-463	12.9	46
230	Oxidative properties of ambient PM2.5 and elemental composition: Heterogeneous associations in 19 European cities. <i>Atmospheric Environment</i> , <b>2009</b> , 43, 4595-4602	5.3	46
229	Cohort Profile: The ENVIRONMENTAL influence ON early AGEing (ENVIRONAGE): a birth cohort study. <i>International Journal of Epidemiology</i> , <b>2017</b> , 46, 1386-1387m	7.8	45
228	Retinal microvascular responses to short-term changes in particulate air pollution in healthy adults. <i>Environmental Health Perspectives</i> , <b>2013</b> , 121, 1011-6	8.4	45

227	Endothelial function and outdoor temperature. <i>European Journal of Epidemiology</i> , <b>2005</b> , 20, 407-10	12.1	42
226	Telomere tracking from birth to adulthood and residential traffic exposure. <i>BMC Medicine</i> , <b>2017</b> , 15, 205	11.4	41
225	Does air pollution trigger infant mortality in Western Europe? A case-crossover study. <i>Environmental Health Perspectives</i> , <b>2011</b> , 119, 1017-22	8.4	41
224	Carbon loading in airway macrophages as a biomarker for individual exposure to particulate matter air pollution - A critical review. <i>Environment International</i> , <b>2015</b> , 74, 32-41	12.9	40
223	Recent versus chronic exposure to particulate matter air pollution in association with neurobehavioral performance in a panel study of primary schoolchildren. <i>Environment International</i> , <b>2016</b> , 95, 112-9	12.9	40
222	Adverse health effects of child labor: high exposure to chromium and oxidative DNA damage in children manufacturing surgical instruments. <i>Environmental Health Perspectives</i> , <b>2012</b> , 120, 1469-74	8.4	40
221	Placental mitochondrial DNA and CYP1A1 gene methylation as molecular signatures for tobacco smoke exposure in pregnant women and the relevance for birth weight. <i>Journal of Translational Medicine</i> , <b>2017</b> , 15, 5	8.5	39
220	Blood pressure in relation to environmental lead exposure in the national health and nutrition examination survey 2003 to 2010. <i>Hypertension</i> , <b>2015</b> , 65, 62-9	8.5	39
219	The metabolic syndrome and carotid intima-media thickness in relation to the parathyroid hormone to 25-OH-D(3) ratio in a general population. <i>American Journal of Hypertension</i> , <b>2011</b> , 24, 102-9	2.3	39
218	Air pollution and telomere length in adults: A systematic review and meta-analysis of observational studies. <i>Environmental Pollution</i> , <b>2019</b> , 244, 636-647	9.3	38
217	Placental promoter methylation of DNA repair genes and prenatal exposure to particulate air pollution: an ENVIRONAGE cohort study. <i>Lancet Planetary Health</i> , <b>2018</b> , 2, e174-e183	9.8	37
216	Host and environmental determinants of polychlorinated aromatic hydrocarbons in serum of adolescents. <i>Environmental Health Perspectives</i> , <b>2002</b> , 110, 583-9	8.4	37
215	Telomere length and its associations with oxidized-LDL, carotid artery distensibility and smoking. <i>Frontiers in Bioscience - Elite</i> , <b>2010</b> , 2, 1164-8	1.6	36
214	Changed gene expression in brains of mice exposed to traffic in a highway tunnel. <i>Inhalation Toxicology</i> , <b>2012</b> , 24, 676-86	2.7	36
213	Blood pressure changes in association with black carbon exposure in a panel of healthy adults are independent of retinal microcirculation. <i>Environment International</i> , <b>2015</b> , 75, 81-6	12.9	35
212	Placental circadian pathway methylation and in utero exposure to fine particle air pollution. <i>Environment International</i> , <b>2018</b> , 114, 231-241	12.9	35
211	Short-term air pollution exposure decreases lung function: a repeated measures study in healthy adults. <i>Environmental Health</i> , <b>2017</b> , 16, 60	6	34
210	Serum levels of club cell secretory protein (Clara) and short- and long-term exposure to particulate air pollution in adolescents. <i>Environment International</i> , <b>2014</b> , 68, 66-70	12.9	32

209	Extracellular Vesicles: How the External and Internal Environment Can Shape Cell-To-Cell Communication. <i>Current Environmental Health Reports</i> , <b>2017</b> , 4, 30-37	6.5	31
208	Prenatal ambient air pollution exposure, infant growth and placental mitochondrial DNA content in the INMA birth cohort. <i>Environmental Research</i> , <b>2017</b> , 157, 96-102	7.9	31
207	Residential green space, air pollution, socioeconomic deprivation and cardiovascular medication sales in Belgium: A nationwide ecological study. <i>Science of the Total Environment</i> , <b>2020</b> , 712, 136426	10.2	31
206	The Impact of Air Pollution on Our Epigenome: How Far Is the Evidence? (A Systematic Review). <i>Current Environmental Health Reports</i> , <b>2018</b> , 5, 544-578	6.5	31
205	Cord Blood Metabolic Signatures of Birth Weight: A Population-Based Study. <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 1235-1247	5.6	30
204	Short-term fluctuations in personal black carbon exposure are associated with rapid changes in carotid arterial stiffening. <i>Environment International</i> , <b>2016</b> , 88, 228-234	12.9	30
203	Investigating unmetabolized polycyclic aromatic hydrocarbons in adolescents' urine as biomarkers of environmental exposure. <i>Chemosphere</i> , <b>2016</b> , 155, 48-56	8.4	30
202	An association of particulate air pollution and traffic exposure with mortality after lung transplantation in Europe. <i>European Respiratory Journal</i> , <b>2017</b> , 49,	13.6	28
201	Left Ventricular Structure and Function in Relation to Environmental Exposure to Lead and Cadmium. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	28
200	The aging lung: tissue telomere shortening in health and disease. <i>Respiratory Research</i> , <b>2018</b> , 19, 95	7.3	28
199	Transport most likely to cause air pollution peak exposures in everyday life: Evidence from over 2000 days of personal monitoring. <i>Atmospheric Environment</i> , <b>2019</b> , 213, 424-432	5.3	27
198	Exposure to Environmental Pollutants and Their Association with Biomarkers of Aging: A Multipollutant Approach. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 5966-5976	10.3	27
197	Fetal growth and maternal exposure to particulate air pollution--More marked effects at lower exposure and modification by gestational duration. <i>Environmental Research</i> , <b>2015</b> , 140, 611-8	7.9	27
196	Heritability and intrafamilial aggregation of arterial characteristics. <i>Journal of Hypertension</i> , <b>2008</b> , 26, 721-8	1.9	27
195	Association of peripheral and central arterial wave reflections with the CYP11B2 -344C allele and sodium excretion. <i>Journal of Hypertension</i> , <b>2004</b> , 22, 2311-9	1.9	27
194	Residential green space and child intelligence and behavior across urban, suburban, and rural areas in Belgium: A longitudinal birth cohort study of twins. <i>PLoS Medicine</i> , <b>2020</b> , 17, e1003213	11.6	27
193	Neonatal exposure to environmental pollutants and placental mitochondrial DNA content: A multi-pollutant approach. <i>Environment International</i> , <b>2017</b> , 106, 60-68	12.9	26
192	Molecular responses in the telomere-mitochondrial axis of ageing in the elderly: a candidate gene approach. <i>Mechanisms of Ageing and Development</i> , <b>2015</b> , 145, 51-7	5.6	26



191	miRNA expression profiles and retinal blood vessel calibers are associated with short-term particulate matter air pollution exposure. <i>Environmental Research</i> , <b>2016</b> , 147, 24-31	7.9	26
190	The impact of acute air pollution fluctuations on bronchiectasis pulmonary exacerbation: a case-crossover analysis. <i>European Respiratory Journal</i> , <b>2018</b> , 52,	13.6	26
189	Environmental exposure to human carcinogens in teenagers and the association with DNA damage. <i>Environmental Research</i> , <b>2017</b> , 152, 165-174	7.9	26
188	Ageing at the level of telomeres in association to residential landscape and air pollution at home and work: a review of the current evidence. <i>Toxicology Letters</i> , <b>2018</b> , 298, 42-52	4.4	26
187	Translocation of (ultra)fine particles and nanoparticles across the placenta; a systematic review on the evidence of in vitro, ex vivo, and in vivo studies. <i>Particle and Fibre Toxicology</i> , <b>2020</b> , 17, 56	8.4	24
186	Metal exposure in schoolchildren and working children. A urinary biomonitoring study from Lahore, Pakistan. <i>International Journal of Hygiene and Environmental Health</i> , <b>2014</b> , 217, 669-77	6.9	24
185	Recent exposure to ultrafine particles in school children alters miR-222 expression in the extracellular fraction of saliva. <i>Environmental Health</i> , <b>2016</b> , 15, 80	6	24
184	Internal exposure to organochlorine pollutants and cadmium and self-reported health status: a prospective study. <i>International Journal of Hygiene and Environmental Health</i> , <b>2015</b> , 218, 232-45	6.9	23
183	Impact of stepwise introduction of smoke-free legislation on population rates of acute myocardial infarction deaths in Flanders, Belgium. <i>Heart</i> , <b>2014</b> , 100, 1430-5	5.1	23
182	The association between urinary kidney injury molecule 1 and urinary cadmium in elderly during long-term, low-dose cadmium exposure: a pilot study. <i>Environmental Health</i> , <b>2011</b> , 10, 77	6	23
181	Temporal variability of global DNA methylation and hydroxymethylation in buccal cells of healthy adults: Association with air pollution. <i>Environment International</i> , <b>2018</b> , 111, 301-308	12.9	23
180	Blood pressure in young adulthood and residential greenness in the early-life environment of twins. <i>Environmental Health</i> , <b>2017</b> , 16, 53	6	22
179	Cardiovascular risk and endothelial function in people living with HIV/AIDS: design of the multi-site, longitudinal EndoAfrica study in the Western Cape Province of South Africa. <i>BMC Infectious Diseases</i> , <b>2017</b> , 17, 41	4	22
178	Neonatal Cord Blood Oxylipins and Exposure to Particulate Matter in the Early-Life Environment: An ENVIRAGE Birth Cohort Study. <i>Environmental Health Perspectives</i> , <b>2017</b> , 125, 691-698	8.4	22
177	Left ventricular function in relation to chronic residential air pollution in a general population. <i>European Journal of Preventive Cardiology</i> , <b>2017</b> , 24, 1416-1428	3.9	22
176	Perfluorinated substances in the Flemish population (Belgium): Levels and determinants of variability in exposure. <i>Chemosphere</i> , <b>2020</b> , 242, 125250	8.4	22
175	Cord plasma insulin and in utero exposure to ambient air pollution. <i>Environment International</i> , <b>2017</b> , 105, 126-132	12.9	21
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28	Participant Experiences in a Human Biomonitoring Study: Follow-Up Interviews with Participants of the Flemish Environment and Health Study. <i>Toxics</i> , <b>2021</b> , 9,	4.7	1
27	Glomerular function in relation to fine airborne particulate matter in a representative population sample. <i>Scientific Reports</i> , <b>2021</b> , 11, 14646	4.9	1
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25	Denser Retinal Microvascular Network Is Inversely Associated With Behavioral Outcomes and Sustained Attention in Children. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 547033	4.1	1
24	Child buccal telomere length and mitochondrial DNA content as biomolecular markers of ageing in association with air pollution. <i>Environment International</i> , <b>2021</b> , 147, 106332	12.9	1
23	Residential Exposure to Urban Trees and Medication Sales for Mood Disorders and Cardiovascular Disease in Brussels, Belgium: An Ecological Study.. <i>Environmental Health Perspectives</i> , <b>2022</b> , 130, 57003	8.4	1
22	Environmental exposures and health behavior in association with mental health: a study design. <i>Archives of Public Health</i> , <b>2020</b> , 78, 105	2.6	0
21	Breastfeeding predicts blood mitochondrial DNA content in adolescents. <i>Scientific Reports</i> , <b>2020</b> , 10, 387	4.9	0
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15	Residential air pollution increases the risk for persistent pulmonary hypertension after pulmonary endarterectomy. <i>European Respiratory Journal</i> , <b>2021</b> , 57,	13.6	0
14	Dynamics of skin microvascular blood flow in 4-6-year-old children in association with pre- and postnatal black carbon and particulate air pollution exposure. <i>Environment International</i> , <b>2021</b> , 157, 106799	12.9	0
13	FLEXiGUT: Rationale for exposomics associations with chronic low-grade gut inflammation. <i>Environment International</i> , <b>2021</b> , 158, 106906	12.9	0
12	Indoor green can modify the indoor dust microbial communities.. <i>Indoor Air</i> , <b>2022</b> , 32, e13011	5.4	0

11	Validity of self-reported air pollution annoyance to assess long-term exposure to air pollutants in Belgium.. <i>Environmental Research</i> , <b>2022</b> , 113014	7.9	○
10	Reply to Fetal side of the placenta: Anatomical mis-annotation of carbon particle transfer across the human placenta. <i>Nature Communications</i> , <b>2021</b> , 12, 7050	17.4	○
9	Urinary CC16, a potential indicator of lung integrity and inflammation, increases in children after short-term exposure to PM/PM and is driven by the CC16 38 GG genotype.. <i>Environmental Research</i> , <b>2022</b> , 113272	7.9	○
8	Higher buccal mtDNA content is associated with residential surrounding green in a panel study of primary school children. <i>Environmental Research</i> , <b>2022</b> , 113551	7.9	○
7	An Epidemiological Appraisal of Smoking-Related Outcomes <b>2011</b> , 93-120		
6	Intrarenal arteriosclerosis and telomere attrition associate with dysregulation of the cholesterol pathway. <i>Aging</i> , <b>2020</b> , 12, 7830-7847	5.6	
5	Determinants of carbon load in airway macrophages in pregnant women.. <i>Environmental Pollution</i> , <b>2021</b> , 118765	9.3	
4	Residential green space and child intelligence and behavior across urban, suburban, and rural areas in Belgium: A longitudinal birth cohort study of twins <b>2020</b> , 17, e1003213		
3	Residential green space and child intelligence and behavior across urban, suburban, and rural areas in Belgium: A longitudinal birth cohort study of twins <b>2020</b> , 17, e1003213		
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