

Pier Alberto Bertazzi

List of Publications by Citations

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210
papers

13,847
citations

63
h-index

112
g-index

225
ext. papers

15,724
ext. citations

7.3
avg, IF

5.68
L-index

#	Paper	IF	Citations
210	Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. <i>Nature</i> , 2017 , 541, 81-86	50.4	511
209	Changes in DNA methylation patterns in subjects exposed to low-dose benzene. <i>Cancer Research</i> , 2007 , 67, 876-80	10.1	508
208	Gene expression signature of cigarette smoking and its role in lung adenocarcinoma development and survival. <i>PLoS ONE</i> , 2008 , 3, e1651	3.7	470
207	A genome-wide association study of lung cancer identifies a region of chromosome 5p15 associated with risk for adenocarcinoma. <i>American Journal of Human Genetics</i> , 2009 , 85, 679-91	11	442
206	Detectable clonal mosaicism and its relationship to aging and cancer. <i>Nature Genetics</i> , 2012 , 44, 651-8	36.3	409
205	Health effects of dioxin exposure: a 20-year mortality study. <i>American Journal of Epidemiology</i> , 2001 , 153, 1031-44	3.8	298
204	MicroRNA expression differentiates histology and predicts survival of lung cancer. <i>Clinical Cancer Research</i> , 2010 , 16, 430-41	12.9	283
203	Epigenome-wide association of DNA methylation markers in peripheral blood from Indian Asians and Europeans with incident type 2 diabetes: a nested case-control study. <i>Lancet Diabetes and Endocrinology</i> , 2015 , 3, 526-534	18.1	277
202	Effects of particulate matter on genomic DNA methylation content and iNOS promoter methylation. <i>Environmental Health Perspectives</i> , 2009 , 117, 217-22	8.4	277
201	Exposure to metal-rich particulate matter modifies the expression of candidate microRNAs in peripheral blood leukocytes. <i>Environmental Health Perspectives</i> , 2010 , 118, 763-8	8.4	254
200	Large-scale association analysis identifies new lung cancer susceptibility loci and heterogeneity in genetic susceptibility across histological subtypes. <i>Nature Genetics</i> , 2017 , 49, 1126-1132	36.3	246
199	Cancer incidence in a population accidentally exposed to 2,3,7,8-tetrachlorodibenzo-para-dioxin. <i>Epidemiology</i> , 1993 , 4, 398-406	3.1	224
198	Genome-wide association study identifies three new melanoma susceptibility loci. <i>Nature Genetics</i> , 2011 , 43, 1108-13	36.3	203
197	Epigenetics and pesticides. <i>Toxicology</i> , 2013 , 307, 35-41	4.4	194
196	Relationship between prevalence rate ratios and odds ratios in cross-sectional studies. <i>International Journal of Epidemiology</i> , 1997 , 26, 220-3	7.8	187
195	Cancer mortality in workers exposed to chlorophenoxy herbicides and chlorophenols. <i>Lancet, The</i> , 1991 , 338, 1027-32	40	187
194	Predictors of global methylation levels in blood DNA of healthy subjects: a combined analysis. <i>International Journal of Epidemiology</i> , 2012 , 41, 126-39	7.8	177

193	Dioxin revisited: developments since the 1997 IARC classification of dioxin as a human carcinogen. <i>Environmental Health Perspectives</i> , 2004 , 112, 1265-8	8.4	172
192	Mortality in a population exposed to dioxin after the Seveso, Italy, accident in 1976: 25 years of follow-up. <i>American Journal of Epidemiology</i> , 2008 , 167, 847-58	3.8	166
191	Effects of exposure to air pollution on blood coagulation. <i>Journal of Thrombosis and Haemostasis</i> , 2007 , 5, 252-60	15.4	165
190	Genome-wide association study identifies novel loci predisposing to cutaneous melanoma. <i>Human Molecular Genetics</i> , 2011 , 20, 5012-23	5.6	164
189	DNA methylation in repetitive elements and Alzheimer disease. <i>Brain, Behavior, and Immunity</i> , 2011 , 25, 1078-83	16.6	157
188	Exposure to particulate air pollution and risk of deep vein thrombosis. <i>Archives of Internal Medicine</i> , 2008 , 168, 920-7		154
187	DNA hypomethylation, ambient particulate matter, and increased blood pressure: findings from controlled human exposure experiments. <i>Journal of the American Heart Association</i> , 2013 , 2, e000212	6	151
186	Effects of airborne pollutants on mitochondrial DNA methylation. <i>Particle and Fibre Toxicology</i> , 2013 , 10, 18	8.4	136
185	Ten-year mortality study of the population involved in the Seveso incident in 1976. <i>American Journal of Epidemiology</i> , 1989 , 129, 1187-200	3.8	134
184	Shortened telomeres in individuals with abuse in alcohol consumption. <i>International Journal of Cancer</i> , 2011 , 129, 983-92	7.5	125
183	Global and gene-specific promoter methylation changes are related to anti-B[a]PDE-DNA adduct levels and influence micronuclei levels in polycyclic aromatic hydrocarbon-exposed individuals. <i>International Journal of Cancer</i> , 2009 , 125, 1692-7	7.5	125
182	Handling of dioxin measurement data in the presence of non-detectable values: overview of available methods and their application in the Seveso chloracne study. <i>Chemosphere</i> , 2005 , 60, 898-906	8.4	124
181	Cancer incidence in the population exposed to dioxin after the "Seveso accident": twenty years of follow-up. <i>Environmental Health</i> , 2009 , 8, 39	6	123
180	Association between leukocyte telomere shortening and exposure to traffic pollution: a cross-sectional study on traffic officers and indoor office workers. <i>Environmental Health</i> , 2009 , 8, 41	6	122
179	Soft Tissue Sarcoma and Non-Hodgkin's Lymphoma in Workers Exposed to Phenoxy Herbicides, Chlorophenols, and Dioxins. <i>Epidemiology</i> , 1995 , 6, 396-402	3.1	122
178	Short- and long-term morbidity and mortality in the population exposed to dioxin after the "Seveso accident". <i>Industrial Health</i> , 2003 , 41, 127-38	2.5	118
177	Shorter telomere length in peripheral blood lymphocytes of workers exposed to polycyclic aromatic hydrocarbons. <i>Carcinogenesis</i> , 2010 , 31, 216-21	4.6	115
176	Inhalable metal-rich air particles and histone H3K4 dimethylation and H3K9 acetylation in a cross-sectional study of steel workers. <i>Environmental Health Perspectives</i> , 2011 , 119, 964-9	8.4	115

175	Airborne particulate matter and mitochondrial damage: a cross-sectional study. <i>Environmental Health</i> , 2010 , 9, 48	6	115
174	Living near major traffic roads and risk of deep vein thrombosis. <i>Circulation</i> , 2009 , 119, 3118-24	16.7	106
173	Characterizing the genetic basis of methylome diversity in histologically normal human lung tissue. <i>Nature Communications</i> , 2014 , 5, 3365	17.4	103
172	Air pollution exposure and telomere length in highly exposed subjects in Beijing, China: a repeated-measure study. <i>Environment International</i> , 2012 , 48, 71-7	12.9	103
171	Environment And Genetics in Lung cancer Etiology (EAGLE) study: an integrative population-based case-control study of lung cancer. <i>BMC Public Health</i> , 2008 , 8, 203	4.1	98
170	Cancer mortality of capacitor manufacturing workers. <i>American Journal of Industrial Medicine</i> , 1987 , 11, 165-76	2.7	97
169	Neonatal thyroid function in Seveso 25 years after maternal exposure to dioxin. <i>PLoS Medicine</i> , 2008 , 5, e161	11.6	95
168	Estimation of prevalence rate ratios from cross-sectional data. <i>International Journal of Epidemiology</i> , 1995 , 24, 1064-7	7.8	93
167	Blood levels of dioxins, furans, dioxin-like PCBs, and TEQs in general populations: a review, 1989-2010. <i>Environment International</i> , 2012 , 44, 151-62	12.9	92
166	Differential repetitive DNA methylation in multiple myeloma molecular subgroups. <i>Carcinogenesis</i> , 2009 , 30, 1330-5	4.6	91
165	Monitoring low benzene exposure: comparative evaluation of urinary biomarkers, influence of cigarette smoking, and genetic polymorphisms. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005 , 14, 2237-44	4	91
164	Effects of short-term exposure to inhalable particulate matter on telomere length, telomerase expression, and telomerase methylation in steel workers. <i>Environmental Health Perspectives</i> , 2011 , 119, 622-7	8.4	89
163	Dioxin Exposure and Cancer Risk. <i>Epidemiology</i> , 1997 , 8, 646	3.1	84
162	Air pollution exposure, cause-specific deaths and hospitalizations in a highly polluted Italian region. <i>Environmental Research</i> , 2016 , 147, 415-24	7.9	83
161	Inhalable particulate matter and mitochondrial DNA copy number in highly exposed individuals in Beijing, China: a repeated-measure study. <i>Particle and Fibre Toxicology</i> , 2013 , 10, 17	8.4	82
160	Association of MC1R variants and host phenotypes with melanoma risk in CDKN2A mutation carriers: a GenoMEL study. <i>Journal of the National Cancer Institute</i> , 2010 , 102, 1568-83	9.7	81
159	Increased mitochondrial DNA copy number in occupations associated with low-dose benzene exposure. <i>Environmental Health Perspectives</i> , 2012 , 120, 210-5	8.4	81
158	Impact of occupational carcinogens on lung cancer risk in a general population. <i>International Journal of Epidemiology</i> , 2013 , 42, 1902-1902	7.8	78

157	Environmental Particulate Matter and Genetic Alterations: Tarantini et al. Respond. <i>Environmental Health Perspectives</i> , 2009 , 117,	8.4	78
156	Banking together. A unified model of informed consent for biobanking. <i>EMBO Reports</i> , 2008 , 9, 307-13	6.5	78
155	Somatic Genomics and Clinical Features of Lung Adenocarcinoma: A Retrospective Study. <i>PLoS Medicine</i> , 2016 , 13, e1002162	11.6	78
154	Imputation and subset-based association analysis across different cancer types identifies multiple independent risk loci in the TERT-CLPTM1L region on chromosome 5p15.33. <i>Human Molecular Genetics</i> , 2014 , 23, 6616-33	5.6	77
153	Phase I metabolic genes and risk of lung cancer: multiple polymorphisms and mRNA expression. <i>PLoS ONE</i> , 2009 , 4, e5652	3.7	76
152	Assessment of human papillomavirus in lung tumor tissue. <i>Journal of the National Cancer Institute</i> , 2011 , 103, 501-7	9.7	68
151	Effects of particulate air pollution on blood pressure in a highly exposed population in Beijing, China: a repeated-measure study. <i>Environmental Health</i> , 2011 , 10, 108	6	67
150	Cancer mortality among man-made vitreous fiber production workers. <i>Epidemiology</i> , 1997 , 8, 259-68	3.1	67
149	Microvesicle-associated microRNA expression is altered upon particulate matter exposure in healthy workers and in A549 cells. <i>Journal of Applied Toxicology</i> , 2015 , 35, 59-67	4.1	66
148	Intakes of red meat, processed meat, and meat mutagens increase lung cancer risk. <i>Cancer Research</i> , 2009 , 69, 932-9	10.1	66
147	Impact of occupational carcinogens on lung cancer risk in a general population. <i>International Journal of Epidemiology</i> , 2012 , 41, 711-21	7.8	63
146	Effects of inhalable particulate matter on blood coagulation. <i>Journal of Thrombosis and Haemostasis</i> , 2010 , 8, 662-8	15.4	63
145	The Seveso Studies on Early and Long-Term Effects of Dioxin Exposure: A Review. <i>Environmental Health Perspectives</i> , 1998 , 106, 625	8.4	61
144	Extracellular vesicle-packaged miRNA release after short-term exposure to particulate matter is associated with increased coagulation. <i>Particle and Fibre Toxicology</i> , 2017 , 14, 32	8.4	60
143	Aryl-hydrocarbon receptor-dependent pathway and toxic effects of TCDD in humans: a population-based study in Seveso, Italy. <i>Toxicology Letters</i> , 2004 , 149, 287-93	4.4	60
142	Integrative Analysis of miRNA and inflammatory gene expression after acute particulate matter exposure. <i>Toxicological Sciences</i> , 2013 , 132, 307-16	4.4	58
141	IARC monographs: 40 years of evaluating carcinogenic hazards to humans. <i>Environmental Health Perspectives</i> , 2015 , 123, 507-14	8.4	57
140	Air pollution, smoking, and plasma homocysteine. <i>Environmental Health Perspectives</i> , 2007 , 115, 176-81	8.4	57

139	Urinary BTEX, MTBE and naphthalene as biomarkers to gain environmental exposure profiles of the general population. <i>Science of the Total Environment</i> , 2010 , 408, 2840-9	10.2	56
138	Health status and plasma dioxin levels in chloracne cases 20 years after the Seveso, Italy accident. <i>British Journal of Dermatology</i> , 2005 , 152, 459-65	4	56
137	Effects of particulate matter exposure on multiple sclerosis hospital admission in Lombardy region, Italy. <i>Environmental Research</i> , 2016 , 145, 68-73	7.9	55
136	Air pollution exposure and lung function in highly exposed subjects in Beijing, China: a repeated-measure study. <i>Particle and Fibre Toxicology</i> , 2014 , 11, 51	8.4	55
135	Effects of particulate matter exposure on blood 5-hydroxymethylation: results from the Beijing truck driver air pollution study. <i>Epigenetics</i> , 2015 , 10, 633-42	5.7	54
134	Nasal cell DNA methylation, inflammation, lung function and wheezing in children with asthma. <i>Epigenomics</i> , 2012 , 4, 91-100	4.4	54
133	Influence of quercetin-rich food intake on microRNA expression in lung cancer tissues. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012 , 21, 2176-84	4	53
132	Lung cancer and occupation in a population-based case-control study. <i>American Journal of Epidemiology</i> , 2010 , 171, 323-33	3.8	53
131	Urinary profiles to assess polycyclic aromatic hydrocarbons exposure in coke-oven workers. <i>Toxicology Letters</i> , 2010 , 192, 72-8	4.4	53
130	Are women who smoke at higher risk for lung cancer than men who smoke?. <i>American Journal of Epidemiology</i> , 2013 , 177, 601-12	3.8	52
129	Impact of an asbestos cement factory on mesothelioma incidence: global assessment of effects of occupational, familial, and environmental exposure. <i>Environment International</i> , 2015 , 74, 191-9	12.9	51
128	Dietary quercetin, quercetin-gene interaction, metabolic gene expression in lung tissue and lung cancer risk. <i>Carcinogenesis</i> , 2010 , 31, 634-42	4.6	51
127	Industrial disasters and epidemiology. A review of recent experiences. <i>Scandinavian Journal of Work, Environment and Health</i> , 1989 , 15, 85-100	4.3	51
126	Biological and clinical relevance of quantitative global methylation of repetitive DNA sequences in chronic lymphocytic leukemia. <i>Epigenetics</i> , 2011 , 6, 188-94	5.7	50
125	Ambient PM exposure and DNA methylation in tumor suppressor genes: a cross-sectional study. <i>Particle and Fibre Toxicology</i> , 2011 , 8, 25	8.4	48
124	A gene expression signature from peripheral whole blood for stage I lung adenocarcinoma. <i>Cancer Prevention Research</i> , 2011 , 4, 1599-608	3.2	48
123	Lung cancer prognosis before and after recurrence in a population-based setting. <i>Journal of the National Cancer Institute</i> , 2015 , 107, djv059	9.7	47
122	Germinal matrix hemorrhage: intraventricular hemorrhage in very-low-birth-weight infants: the independent role of inherited thrombophilia. <i>Stroke</i> , 2011 , 42, 1889-93	6.7	47

121	The International Agency for Research on Cancer historical cohort study of MMMF production workers in seven European countries: extension of the follow-up. <i>Annals of Occupational Hygiene</i> , 1987 , 31, 603-23		47
120	Blood hypomethylation of inflammatory genes mediates the effects of metal-rich airborne pollutants on blood coagulation. <i>Occupational and Environmental Medicine</i> , 2013 , 70, 418-25	2.1	46
119	DNA methylation differences in exposed workers and nearby residents of the Ma Ta Phut industrial estate, Rayong, Thailand. <i>International Journal of Epidemiology</i> , 2012 , 41, 1753-60; discussion 1761-3	7.8	46
118	Inherited variation at chromosome 12p13.33, including RAD52, influences the risk of squamous cell lung carcinoma. <i>Cancer Discovery</i> , 2012 , 2, 131-9	24.4	46
117	Long-term effects of chemical disasters. Lessons and results from Seveso. <i>Science of the Total Environment</i> , 1991 , 106, 5-20	10.2	46
116	Urinary t,t-muconic acid, S-phenylmercapturic acid and benzene as biomarkers of low benzene exposure. <i>Chemico-Biological Interactions</i> , 2005 , 153-154, 253-6	5	45
115	Evolutionary age of repetitive element subfamilies and sensitivity of DNA methylation to airborne pollutants. <i>Particle and Fibre Toxicology</i> , 2013 , 10, 28	8.4	43
114	Urinary benzene biomarkers and DNA methylation in Bulgarian petrochemical workers: study findings and comparison of linear and beta regression models. <i>PLoS ONE</i> , 2012 , 7, e50471	3.7	42
113	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	12.9	41
112	Alcohol consumption and lung cancer risk in the Environment and Genetics in Lung Cancer Etiology (EAGLE) study. <i>American Journal of Epidemiology</i> , 2010 , 171, 36-44	3.8	41
111	Cancer in a young population in a dioxin-contaminated area. <i>International Journal of Epidemiology</i> , 1993 , 22, 1010-3	7.8	41
110	Chromosome and biochemical studies in women occupationally exposed to lead. <i>Archives of Environmental Health</i> , 1980 , 35, 139-46		41
109	Second Italian consensus conference on malignant pleural mesothelioma: state of the art and recommendations. <i>Cancer Treatment Reviews</i> , 2013 , 39, 328-39	14.4	40
108	Traffic-derived particulate matter exposure and histone H3 modification: A repeated measures study. <i>Environmental Research</i> , 2017 , 153, 112-119	7.9	39
107	Epigenetic markers of exposure to polycyclic aromatic hydrocarbons in Mexican brickmakers: a pilot study. <i>Chemosphere</i> , 2013 , 91, 475-80	8.4	39
106	Estimating spatio-temporal resolved PM10 aerosol mass concentrations using MODIS satellite data and land use regression over Lombardy, Italy. <i>Atmospheric Environment</i> , 2013 , 74, 227-236	5.3	39
105	Mortality study of cancer risk among oil refinery workers. <i>International Archives of Occupational and Environmental Health</i> , 1989 , 61, 261-70	3.2	39
104	Temporal stability of epigenetic markers: sequence characteristics and predictors of short-term DNA methylation variations. <i>PLoS ONE</i> , 2012 , 7, e39220	3.7	39

103	Altered methylation in tandem repeat element and elemental component levels in inhalable air particles. <i>Environmental and Molecular Mutagenesis</i> , 2014 , 55, 256-65	3.2	38
102	Exposure to formaldehyde and cancer mortality in a cohort of workers producing resins. <i>Scandinavian Journal of Work, Environment and Health</i> , 1986 , 12, 461-8	4.3	38
101	Aryl hydrocarbon receptor-interacting protein and pituitary adenomas: a population-based study on subjects exposed to dioxin after the Seveso, Italy, accident. <i>European Journal of Endocrinology</i> , 2008 , 159, 699-703	6.5	36
100	TCDD-mediated alterations in the AhR-dependent pathway in Seveso, Italy, 20 years after the accident. <i>Carcinogenesis</i> , 2003 , 24, 673-80	4.6	36
99	A comparative assessment of major international disasters: the need for exposure assessment, systematic emergency preparedness, and lifetime health care. <i>BMC Public Health</i> , 2017 , 17, 46	4.1	35
98	Nutrients intake is associated with DNA methylation of candidate inflammatory genes in a population of obese subjects. <i>Nutrients</i> , 2014 , 6, 4625-39	6.7	35
97	Inherited polymorphisms in the RNA-mediated interference machinery affect microRNA expression and lung cancer survival. <i>British Journal of Cancer</i> , 2010 , 103, 1870-4	8.7	35
96	Concentrations of dioxin 20 years after Seveso. <i>Lancet, The</i> , 1997 , 349, 1811	4.0	35
95	Cancer incidence and mortality in women occupationally exposed to chlorophenoxy herbicides, chlorophenols, and dioxins. <i>Cancer Causes and Control</i> , 1993 , 4, 547-53	2.8	35
94	Outdoor particulate matter (PM10) exposure and lung cancer risk in the EAGLE study. <i>PLoS ONE</i> , 2018 , 13, e0203539	3.7	35
93	Quantification of carcinogenic 4- to 6-ring polycyclic aromatic hydrocarbons in human urine by solid-phase microextraction gas chromatography-isotope dilution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 401, 625-34	4.4	33
92	t(14;18) translocations in lymphocytes of healthy dioxin-exposed individuals from Seveso, Italy. <i>Carcinogenesis</i> , 2006 , 27, 2001-7	4.6	33
91	Relevance of telomere/telomerase system impairment in early stage chronic lymphocytic leukemia. <i>Genes Chromosomes and Cancer</i> , 2014 , 53, 612-21	5	32
90	Chemical exposure in manufacture of phenoxy herbicides and chlorophenols and in spraying of phenoxy herbicides. <i>American Journal of Industrial Medicine</i> , 1993 , 23, 903-20	2.7	30
89	Associated Links Among Smoking, Chronic Obstructive Pulmonary Disease, and Small Cell Lung Cancer: A Pooled Analysis in the International Lung Cancer Consortium. <i>EBioMedicine</i> , 2015 , 2, 1677-85	8.8	29
88	Identification of susceptibility pathways for the role of chromosome 15q25.1 in modifying lung cancer risk. <i>Nature Communications</i> , 2018 , 9, 3221	17.4	29
87	Susceptibility to particle health effects, miRNA and exosomes: rationale and study protocol of the SPHERE study. <i>BMC Public Health</i> , 2014 , 14, 1137	4.1	29
86	Time to smoke first morning cigarette and lung cancer in a case-control study. <i>Journal of the National Cancer Institute</i> , 2014 , 106, dju118	9.7	28

85	Occupational and environmental agents as endocrine disruptors: experimental and human evidence. <i>Journal of Endocrinological Investigation</i> , 2000 , 23, 771-81	5.2	28
84	Particulate Air Pollution Exposure and Expression of Viral and Human MicroRNAs in Blood: The Beijing Truck Driver Air Pollution Study. <i>Environmental Health Perspectives</i> , 2016 , 124, 344-50	8.4	28
83	Incidence of mesothelioma in Lombardy, Italy: exposure to asbestos, time patterns and future projections. <i>Occupational and Environmental Medicine</i> , 2016 , 73, 607-13	2.1	27
82	Dermal exposure to polycyclic aromatic hydrocarbons in asphalt workers. <i>Occupational and Environmental Medicine</i> , 2010 , 67, 456-63	2.1	26
81	Dioxin effects on neonatal and infant thyroid function: routes of perinatal exposure, mechanisms of action and evidence from epidemiology studies. <i>International Archives of Occupational and Environmental Health</i> , 2006 , 79, 396-404	3.2	26
80	Pleural mesothelioma: epidemiological and public health issues. Report from the Second Italian Consensus Conference on Pleural Mesothelioma. <i>Medicina Del Lavoro</i> , 2013 , 104, 191-202	1.9	25
79	Temporal trends of PM and its impact on mortality in Lombardy, Italy. <i>Environmental Pollution</i> , 2017 , 227, 280-286	9.3	24
78	Urinary carcinogenic 4-6 ring polycyclic aromatic hydrocarbons in coke oven workers and in subjects belonging to the general population: role of occupational and environmental exposure. <i>International Journal of Hygiene and Environmental Health</i> , 2014 , 217, 231-8	6.9	24
77	Health impact assessment of fine particle pollution at the regional level. <i>American Journal of Epidemiology</i> , 2011 , 174, 1396-405	3.8	24
76	Free erythrocyte protoporphyrin as an indicator of the biological effect of lead in adult males. I. Relationship between free erythrocyte protoporphyrin and indicators of internal dose of lead. <i>International Archives of Occupational and Environmental Health</i> , 1976 , 37, 73-88	3.2	24
75	Environmental and lifestyle factors affect benzene uptake biomonitoring of residents near a petrochemical plant. <i>Environment International</i> , 2012 , 39, 2-7	12.9	23
74	A quantitative approach to evaluate urinary benzene and S-phenylmercapturic acid as biomarkers of low benzene exposure. <i>Biomarkers</i> , 2011 , 16, 334-45	2.6	23
73	Mortality study in an Italian oil refinery: extension of the follow-up. <i>American Journal of Industrial Medicine</i> , 1999 , 35, 287-94	2.7	23
72	Lung cancer risk among bricklayers in a pooled analysis of case-control studies. <i>International Journal of Cancer</i> , 2015 , 136, 360-71	7.5	22
71	The use of S-phenylmercapturic acid as a biomarker in molecular epidemiology studies of benzene. <i>Chemico-Biological Interactions</i> , 2005 , 153-154, 97-102	5	22
70	Assessing the short term impact of air pollution on mortality: a matching approach. <i>Environmental Health</i> , 2017 , 16, 7	6	21
69	Epstein-Barr virus microRNAs and lung cancer. <i>British Journal of Cancer</i> , 2011 , 105, 320-6	8.7	21
68	Commuting-adjusted short-term health impact assessment of airborne fine particles with uncertainty quantification via Monte Carlo simulation. <i>Environmental Health Perspectives</i> , 2015 , 123, 27-33	8.4	20

67	Dioxin exposure and human leukemias and lymphomas. Lessons from the Seveso accident and studies on industrial workers. <i>Leukemia</i> , 1999 , 13 Suppl 1, S72-4	10.7	20
66	Free erythrocyte protoporphyrin as an indicator of the biological effect of lead in adult males. II. Comparison between free erythrocyte protoporphyrin and other indicators of effect. <i>International Archives of Occupational and Environmental Health</i> , 1976 , 37, 89-105	3.2	20
65	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	1.7	20
64	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	7.9	20
63	A historical mortality study among bus drivers and bus maintenance workers exposed to urban air pollutants in the city of Genoa, Italy. <i>Occupational and Environmental Medicine</i> , 2010 , 67, 611-9	2.1	19
62	Cancer risk among tetrafluoroethylene synthesis and polymerization workers. <i>American Journal of Epidemiology</i> , 2013 , 178, 350-8	3.8	18
61	Mesothelioma of tunica vaginalis testis and asbestos exposure. <i>BJU International</i> , 2012 , 110, 533-7	5.6	17
60	Nut Consumption and Lung Cancer Risk: Results from Two Large Observational Studies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017 , 26, 826-836	4	16
59	Biomonitoring short- and long-term exposure to the herbicide terbuthylazine in agriculture workers and in the general population using urine and hair specimens. <i>Environment International</i> , 2013 , 60, 42-7	12.9	16
58	Blood DNA methylation, nevi number, and the risk of melanoma. <i>Melanoma Research</i> , 2014 , 24, 480-7	3.3	16
57	Urinary methyl tert-butyl ether and benzene as biomarkers of exposure to urban traffic. <i>Environment International</i> , 2011 , 37, 404-11	12.9	16
56	Pathway-based analysis of a melanoma genome-wide association study: analysis of genes related to tumour-immunosuppression. <i>PLoS ONE</i> , 2011 , 6, e29451	3.7	16
55	Cancer risk for European asphalt workers. <i>Scandinavian Journal of Work, Environment and Health</i> , 1995 , 21, 252-8	4.3	16
54	Urinary chromium is associated with changes in leukocyte miRNA expression in obese subjects. <i>European Journal of Clinical Nutrition</i> , 2017 , 71, 142-148	5.2	15
53	Free erythrocyte protoporphyrin as an indicator of the biological effect of lead in adult males. III. Behavior of free erythrocyte protoporphyrin in workers with past lead exposure. <i>International Archives of Occupational and Environmental Health</i> , 1976 , 38, 77-86	3.2	15
52	Exposure to occupational carcinogens and lung cancer risk. Evolution of epidemiological estimates of attributable fraction. <i>Acta Biomedica</i> , 2008 , 79 Suppl 1, 34-42	3.2	15
51	Fibrin clot structure is affected by levels of particulate air pollution exposure in patients with venous thrombosis. <i>Environment International</i> , 2016 , 92-93, 70-6	12.9	13
50	Genetic interaction analysis among oncogenesis-related genes revealed novel genes and networks in lung cancer development. <i>Oncotarget</i> , 2019 , 10, 1760-1774	3.3	12

49	Does enhancement of oxidative stress markers mediate health effects of ambient air particles?. <i>Antioxidants and Redox Signaling</i> , 2014 , 21, 46-51	8.4	12
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