Angela Cecilia C Pesatori

List of Publications by Citations

136 papers	**7,445** citations	**48** h-index	**84** g-index
150 ext. papers	**8,633** ext. citations	**6** avg, IF	**5.03** L-index

#	Paper	IF	Citations
136	Changes in DNA methylation patterns in subjects exposed to low-dose benzene. *Cancer Research*, **2007**, 67, 876-80	10.1	508
135	Gene expression signature of cigarette smoking and its role in lung adenocarcinoma development and survival. *PLoS ONE*, **2008**, 3, e1651	3.7	470
134	A genome-wide association study of lung cancer identifies a region of chromosome 5p15 associated with risk for adenocarcinoma. *American Journal of Human Genetics*, **2009**, 85, 679-91	11	442
133	Maternal exposure to particulate air pollution and term birth weight: a multi-country evaluation of effect and heterogeneity. *Environmental Health Perspectives*, **2013**, 121, 267-373	8.4	289
132	MicroRNA expression differentiates histology and predicts survival of lung cancer. *Clinical Cancer Research*, **2010**, 16, 430-41	12.9	283
131	Large-scale association analysis identifies new lung cancer susceptibility loci and heterogeneity in genetic susceptibility across histological subtypes. *Nature Genetics*, **2017**, 49, 1126-1132	36.3	246
130	Cancer incidence in a population accidentally exposed to 2,3,7,8-tetrachlorodibenzo-para-dioxin. *Epidemiology*, **1993**, 4, 398-406	3.1	224
129	Predictors of global methylation levels in blood DNA of healthy subjects: a combined analysis. *International Journal of Epidemiology*, **2012**, 41, 126-39	7.8	177
128	Mortality in a population exposed to dioxin after the Seveso, Italy, accident in 1976: 25 years of follow-up. *American Journal of Epidemiology*, **2008**, 167, 847-58	3.8	166
127	Characterizing human lung tissue microbiota and its relationship to epidemiological and clinical features. *Genome Biology*, **2016**, 17, 163	18.3	163
126	Ten-year mortality study of the population involved in the Seveso incident in 1976. *American Journal of Epidemiology*, **1989**, 129, 1187-200	3.8	134
125	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. *International Journal of Cancer*, **2009**, 125, 1692-7	7.5	125
124	Handling of dioxin measurement data in the presence of non-detectable values: overview of available methods and their application in the Seveso chloracne study. *Chemosphere*, **2005**, 60, 898-906	8.4	124
123	Cancer incidence in the population exposed to dioxin after the "Seveso accident": twenty years of follow-up. *Environmental Health*, **2009**, 8, 39	6	123
122	Association between leukocyte telomere shortening and exposure to traffic pollution: a cross-sectional study on traffic officers and indoor office workers. *Environmental Health*, **2009**, 8, 41	6	122
121	Short- and long-term morbidity and mortality in the population exposed to dioxin after the "Seveso accident". *Industrial Health*, **2003**, 41, 127-38	2.5	118
120	Patterns of multisite pain and associations with risk factors. *Pain*, **2013**, 154, 1769-1777	8	108

119	Chronic obstructive pulmonary disease and altered risk of lung cancer in a population-based case-control study. *PLoS ONE*, **2009**, 4, e7380	3.7	106
118	Disabling musculoskeletal pain in working populations: is it the job, the person, or the culture?. *Pain*, **2013**, 154, 856-63	8	104
117	Characterizing the genetic basis of methylome diversity in histologically normal human lung tissue. *Nature Communications*, **2014**, 5, 3365	17.4	103
116	Environment And Genetics in Lung cancer Etiology (EAGLE) study: an integrative population-based case-control study of lung cancer. *BMC Public Health*, **2008**, 8, 203	4.1	98
115	Cancer mortality of capacitor manufacturing workers. *American Journal of Industrial Medicine*, **1987**, 11, 165-76	2.7	97
114	Neonatal thyroid function in Seveso 25 years after maternal exposure to dioxin. *PLoS Medicine*, **2008**, 5, e161	11.6	95
113	Immunologic effects of dioxin: new results from Seveso and comparison with other studies. *Environmental Health Perspectives*, **2002**, 110, 1169-73	8.4	91
112	Monitoring low benzene exposure: comparative evaluation of urinary biomarkers, influence of cigarette smoking, and genetic polymorphisms. *Cancer Epidemiology Biomarkers and Prevention*, **2005**, 14, 2237-44	4	91
111	Dioxin Exposure and Cancer Risk. *Epidemiology*, **1997**, 8, 646	3.1	84
110	Increased mitochondrial DNA copy number in occupations associated with low-dose benzene exposure. *Environmental Health Perspectives*, **2012**, 120, 210-5	8.4	81
109	Somatic Genomics and Clinical Features of Lung Adenocarcinoma: A Retrospective Study. *PLoS Medicine*, **2016**, 13, e1002162	11.6	78
108	DNA repair, dysplastic nevi, and sunlight sensitivity in the development of cutaneous malignant melanoma. *Journal of the National Cancer Institute*, **2002**, 94, 94-101	9.7	77
107	Phase I metabolic genes and risk of lung cancer: multiple polymorphisms and mRNA expression. *PLoS ONE*, **2009**, 4, e5652	3.7	76
106	Microvesicle-associated microRNA expression is altered upon particulate matter exposure in healthy workers and in A549 cells. *Journal of Applied Toxicology*, **2015**, 35, 59-67	4.1	66
105	Cohort mortality and nested case-control study of lung cancer among structural pest control workers in Florida (United States). *Cancer Causes and Control*, **1994**, 5, 310-8	2.8	65
104	Epigenome-wide analysis of DNA methylation in lung tissue shows concordance with blood studies and identifies tobacco smoke-inducible enhancers. *Human Molecular Genetics*, **2017**, 26, 3014-3027	5.6	64
103	Impact of occupational carcinogens on lung cancer risk in a general population. *International Journal of Epidemiology*, **2012**, 41, 711-21	7.8	63
102	The Seveso Studies on Early and Long-Term Effects of Dioxin Exposure: A Review. *Environmental Health Perspectives*, **1998**, 106, 625	8.4	61

101	Extracellular vesicle-packaged miRNA release after short-term exposure to particulate matter is associated with increased coagulation. *Particle and Fibre Toxicology*, **2017**, 14, 32	8.4	60
100	Aryl-hydrocarbon receptor-dependent pathway and toxic effects of TCDD in humans: a population-based study in Seveso, Italy. *Toxicology Letters*, **2004**, 149, 287-93	4.4	60
99	IARC monographs: 40 years of evaluating carcinogenic hazards to humans. *Environmental Health Perspectives*, **2015**, 123, 507-14	8.4	57
98	Effects of particulate matter exposure on multiple sclerosis hospital admission in Lombardy region, Italy. *Environmental Research*, **2016**, 145, 68-73	7.9	55
97	PM10 exposure is associated with increased hospitalizations for respiratory syncytial virus bronchiolitis among infants in Lombardy, Italy. *Environmental Research*, **2018**, 166, 452-457	7.9	54
96	Influence of quercetin-rich food intake on microRNA expression in lung cancer tissues. *Cancer Epidemiology Biomarkers and Prevention*, **2012**, 21, 2176-84	4	53
95	Lung cancer and occupation in a population-based case-control study. *American Journal of Epidemiology*, **2010**, 171, 323-33	3.8	53
94	CYP1A1 and CYP1B1 genotypes, haplotypes, and TCDD-induced gene expression in subjects from Seveso, Italy. *Toxicology*, **2005**, 207, 191-202	4.4	53
93	Are women who smoke at higher risk for lung cancer than men who smoke?. *American Journal of Epidemiology*, **2013**, 177, 601-12	3.8	52
92	Dietary quercetin, quercetin-gene interaction, metabolic gene expression in lung tissue and lung cancer risk. *Carcinogenesis*, **2010**, 31, 634-42	4.6	51
91	Plasmatic extracellular vesicle microRNAs in malignant pleural mesothelioma and asbestos-exposed subjects suggest a 2-miRNA signature as potential biomarker of disease. *PLoS ONE*, **2017**, 12, e0176680	3.7	50
90	Physical and psychosocial risk factors for musculoskeletal disorders in Brazilian and Italian nurses. *Cadernos De Saude Publica*, **2012**, 28, 1632-42	3.2	48
89	A gene expression signature from peripheral whole blood for stage I lung adenocarcinoma. *Cancer Prevention Research*, **2011**, 4, 1599-608	3.2	48
88	Lung cancer prognosis before and after recurrence in a population-based setting. *Journal of the National Cancer Institute*, **2015**, 107, djv059	9.7	47
87	Inherited variation at chromosome 12p13.33, including RAD52, influences the risk of squamous cell lung carcinoma. *Cancer Discovery*, **2012**, 2, 131-9	24.4	46
86	Urinary t,t-muconic acid, S-phenylmercapturic acid and benzene as biomarkers of low benzene exposure. *Chemico-Biological Interactions*, **2005**, 153-154, 253-6	5	45
85	The CUPID (Cultural and Psychosocial Influences on Disability) study: methods of data collection and characteristics of study sample. *PLoS ONE*, **2012**, 7, e39820	3.7	44
84	The International Collaboration on Air Pollution and Pregnancy Outcomes: initial results. *Environmental Health Perspectives*, **2011**, 119, 1023-8	8.4	42

83	Urinary benzene biomarkers and DNA methylation in Bulgarian petrochemical workers: study findings and comparison of linear and beta regression models. *PLoS ONE*, **2012**, 7, e50471	3.7	42
82	Microarray analysis of gene expression in peripheral blood mononuclear cells from dioxin-exposed human subjects. *Toxicology*, **2007**, 229, 101-13	4.4	41
81	Cancer in a young population in a dioxin-contaminated area. *International Journal of Epidemiology*, **1993**, 22, 1010-3	7.8	41
80	Family history of cancer and nonmalignant lung diseases as risk factors for lung cancer. *International Journal of Cancer*, **2009**, 125, 146-52	7.5	39
79	Mortality study of cancer risk among oil refinery workers. *International Archives of Occupational and Environmental Health*, **1989**, 61, 261-70	3.2	39
78	Aryl hydrocarbon receptor-interacting protein and pituitary adenomas: a population-based study on subjects exposed to dioxin after the Seveso, Italy, accident. *European Journal of Endocrinology*, **2008**, 159, 699-703	6.5	36
77	Nutrients intake is associated with DNA methylation of candidate inflammatory genes in a population of obese subjects. *Nutrients*, **2014**, 6, 4625-39	6.7	35
76	Outdoor particulate matter (PM10) exposure and lung cancer risk in the EAGLE study. *PLoS ONE*, **2018**, 13, e0203539	3.7	35
75	Particulate matter exposure is associated with inflammatory gene methylation in obese subjects. *Environmental Research*, **2017**, 152, 478-484	7.9	33
74	Reproductive and hormonal factors and the risk of lung cancer: the EAGLE study. *International Journal of Cancer*, **2013**, 132, 2630-9	7.5	33
73	t(14;18) translocations in lymphocytes of healthy dioxin-exposed individuals from Seveso, Italy. *Carcinogenesis*, **2006**, 27, 2001-7	4.6	33
72	Genetic and epigenetic intratumor heterogeneity impacts prognosis of lung adenocarcinoma. *Nature Communications*, **2020**, 11, 2459	17.4	29
71	Short-term particulate matter exposure influences nasal microbiota in a population of healthy subjects. *Environmental Research*, **2018**, 162, 119-126	7.9	29
70	Identification of susceptibility pathways for the role of chromosome 15q25.1 in modifying lung cancer risk. *Nature Communications*, **2018**, 9, 3221	17.4	29
69	Susceptibility to particle health effects, miRNA and exosomes: rationale and study protocol of the SPHERE study. *BMC Public Health*, **2014**, 14, 1137	4.1	29
68	Classification of neck/shoulder pain in epidemiological research: a comparison of personal and occupational characteristics, disability, and prognosis among 12,195 workers from 18 countries. *Pain*, **2016**, 157, 1028-1036	8	29
67	Extracellular vesicle-driven information mediates the long-term effects of particulate matter exposure on coagulation and inflammation pathways. *Toxicology Letters*, **2016**, 259, 143-150	4.4	28
66	Lung cancer among coal miners, ore miners and quarrymen: smoking-adjusted risk estimates from the synergy pooled analysis of case-control studies. *Scandinavian Journal of Work, Environment and Health*, **2015**, 41, 467-77	4.3	26

65	Long-term exposure to air pollution raises circulating levels of proprotein convertase subtilisin/kexin type 9 in obese individuals. *European Journal of Preventive Cardiology*, **2019**, 26, 578-588	3.9	25
64	Alcohol and lung cancer risk among never smokers: A pooled analysis from the international lung cancer consortium and the SYNERGY study. *International Journal of Cancer*, **2017**, 140, 1976-1984	7.5	24
63	Mortality study in an Italian oil refinery: extension of the follow-up. *American Journal of Industrial Medicine*, **1999**, 35, 287-94	2.7	23
62	Short-term particulate matter exposure induces extracellular vesicle release in overweight subjects. *Environmental Research*, **2017**, 155, 228-234	7.9	22
61	Lung cancer risk among bricklayers in a pooled analysis of case-control studies. *International Journal of Cancer*, **2015**, 136, 360-71	7.5	22
60	The use of S-phenylmercapturic acid as a biomarker in molecular epidemiology studies of benzene. *Chemico-Biological Interactions*, **2005**, 153-154, 97-102	5	22
59	Menstrual and reproductive factors and lung cancer risk: A pooled analysis from the international lung cancer consortium. *International Journal of Cancer*, **2017**, 141, 309-323	7.5	21
58	MicroRNAs are associated with blood-pressure effects of exposure to particulate matter: Results from a mediated moderation analysis. *Environmental Research*, **2016**, 146, 274-81	7.9	19
57	A historical mortality study among bus drivers and bus maintenance workers exposed to urban air pollutants in the city of Genoa, Italy. *Occupational and Environmental Medicine*, **2010**, 67, 611-9	2.1	19
56	Nut Consumption and Lung Cancer Risk: Results from Two Large Observational Studies. *Cancer Epidemiology Biomarkers and Prevention*, **2017**, 26, 826-836	4	16
55	Blood DNA methylation, nevi number, and the risk of melanoma. *Melanoma Research*, **2014**, 24, 480-7	3.3	16
54	Genomic and evolutionary classification of lung cancer in never smokers. *Nature Genetics*, **2021**, 53, 1348-1359	30.6	14
53	Air pollution exposure and depression: A comprehensive updated systematic review and meta-analysis. *Environmental Pollution*, **2022**, 292, 118245	9.3	14
52	Epidemiological Differences Between Localized and Nonlocalized Low Back Pain. *Spine*, **2017**, 42, 740-747	3.3	13
51	Lower risk of lung cancer after multiple pneumonia diagnoses. *Cancer Epidemiology Biomarkers and Prevention*, **2010**, 19, 716-21	4	13
50	SARS-CoV-2 anti-spike antibody titres after vaccination with BNT162b2 in naïve and previously infected individuals. *Journal of Infection and Public Health*, **2021**, 14, 1120-1122	7.4	13
49	Genetic interaction analysis among oncogenesis-related genes revealed novel genes and networks in lung cancer development. *Oncotarget*, **2019**, 10, 1760-1774	3.3	12
48	Asbestos Lung Burden in Necroscopic Samples from the General Population of Milan, Italy. *Annals of Occupational Hygiene*, **2015**, 59, 909-21		12

47	Early effects of low benzene exposure on blood cell counts in Bulgarian petrochemical workers. *Medicina Del Lavoro*, **2009**, 100, 83-90	1.9	12
46	Update of the mortality study of workers exposed to polychlorinated biphenyls (Pcbs) in two Italian capacitor manufacturing plants. *Medicina Del Lavoro*, **2013**, 104, 107-14	1.9	12
45	Genome-wide interaction study of smoking behavior and non-small cell lung cancer risk in Caucasian population. *Carcinogenesis*, **2018**, 39, 336-346	4.6	11
44	PICALM Gene Methylation in Blood of Alzheimer's Disease Patients Is Associated with Cognitive Decline. *Journal of Alzheimer's Disease*, **2018**, 65, 283-292	4.3	11
43	Sterol 27-Hydroxylase Polymorphism Significantly Associates With Shorter Telomere, Higher Cardiovascular and Type-2 Diabetes Risk in Obese Subjects. *Frontiers in Endocrinology*, **2018**, 9, 309	5.7	11
42	Peritoneal mesothelioma and asbestos exposure: a population-based case-control study in Lombardy, Italy. *Occupational and Environmental Medicine*, **2019**, 76, 545-553	2.1	11
41	Mortality of a young population after accidental exposure to 2,3,7,8-tetrachlorodibenzodioxin. *International Journal of Epidemiology*, **1992**, 21, 118-23	7.8	11
40	Titanium and Zirconium Levels Are Associated with Changes in MicroRNAs Expression: Results from a Human Cross-Sectional Study on Obese Population. *PLoS ONE*, **2016**, 11, e0161916	3.7	11
39	Lung Cancer Among Firefighters: Smoking-Adjusted Risk Estimates in a Pooled Analysis of Case-Control Studies. *Journal of Occupational and Environmental Medicine*, **2016**, 58, 1137-1143	2	11
38	Seroprevalence of anti-SARS-CoV-2 IgG among healthcare workers of a large university hospital in Milan, Lombardy, Italy: a cross-sectional study. *BMJ Open*, **2021**, 11, e047216	3	11
37	Heme-related gene expression signatures of meat intakes in lung cancer tissues. *Molecular Carcinogenesis*, **2014**, 53, 548-56	5	10
36	Dioxin exposure of human CD34+ hemopoietic cells induces gene expression modulation that recapitulates its in vivo clinical and biological effects. *Toxicology*, **2011**, 283, 18-23	4.4	10
35	Circulating Epigenetic Biomarkers in Malignant Pleural Mesothelioma: State of the Art and critical Evaluation. *Frontiers in Oncology*, **2020**, 10, 445	5.3	9
34	Descriptive Epidemiology of Somatising Tendency: Findings from the CUPID Study. *PLoS ONE*, **2016**, 11, e0153748	3.7	9
33	Lung cancer risk among cooks when accounting for tobacco smoking: a pooled analysis of case-control studies from Europe, Canada, New Zealand, and China. *Journal of Occupational and Environmental Medicine*, **2015**, 57, 202-9	2	8
32	Next-generation sequencing and a novel COL3A1 mutation associated with vascular Ehlers-Danlos syndrome with severe intestinal involvement: a case report. *Journal of Medical Case Reports*, **2016**, 10, 303	1.2	8
31	Effects of metal-rich particulate matter exposure on exogenous and endogenous viral sequence methylation in healthy steel-workers. *Environmental Research*, **2017**, 159, 452-457	7.9	8
30	Impact of an asbestos cement factory on mesothelioma incidence in a community in Italy. *Environmental Research*, **2020**, 183, 108968	7.9	7

29	Pleural malignant mesothelioma in dental laboratory technicians: A case series. *American Journal of Industrial Medicine*, **2017**, 60, 443-448	2.7	6
28	Protein-altering germline mutations implicate novel genes related to lung cancer development. *Nature Communications*, **2020**, 11, 2220	17.4	6
27	Night Shift Work, DNA Methylation and Telomere Length: An Investigation on Hospital Female Nurses. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	6
26	Plasma Metabolomic Profiling in 1391 Subjects with Overweight and Obesity from the SPHERE Study. *Metabolites*, **2021**, 11,	5.6	6
25	Nasopharyngeal Testing among Healthcare Workers (HCWs) of a Large University Hospital in Milan, Italy during Two Epidemic Waves of COVID-19. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	5
24	Geographical patterns of mesothelioma incidence and asbestos exposure in Lombardy, Italy. *Medicina Del Lavoro*, **2016**, 107, 340-355	1.9	5
23	Increased lung cancer risk among bricklayers in an Italian population-based case-control study. *American Journal of Industrial Medicine*, **2012**, 55, 423-8	2.7	4
22	Mood disorders and risk of lung cancer in the EAGLE case-control study and in the U.S. Veterans Affairs inpatient cohort. *PLoS ONE*, **2012**, 7, e42945	3.7	4
21	Plasma levels of dioxins, furans, non-ortho-PCBs, and TEQs in the Seveso population 17 years after the accident. *Medicina Del Lavoro*, **2012**, 103, 259-67	1.9	4
20	Effects of PM Exposure on the Methylation of Clock Genes in a Population of Subjects with Overweight or Obesity. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	4
19	Nasal Microbiota Modifies the Effects of Particulate Air Pollution on Plasma Extracellular Vesicles. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	3
18	Short-term air pollution exposure is associated with lower severity and mixed features of manic episodes in hospitalized bipolar patients: A cross-sectional study in Milan, Italy. *Environmental Research*, **2021**, 196, 110943	7.9	3
17	Increased Risk of Urticaria/Angioedema after BNT162b2 mRNA COVID-19 Vaccine in Health Care Workers Taking ACE Inhibitors. *Vaccines*, **2021**, 9,	5.3	3
16	Ehlers-Danlos Syndrome classical type: A novel COL5A2 missense mutation with possible additive effect of a COL5A1 stop-gain mutation in a strongly correlated phenotype. *Meta Gene*, **2018**, 18, 132-136	0.7	2
15	Side effects among healthcare workers from a large Milan university hospital after second dose of BNT162b2 mRNA COVID-19 vaccine.. *Medicina Del Lavoro*, **2021**, 112, 477-485	1.9	2
14	AuthorsQesponse to: comment upon the article: impact of occupational carcinogens on lung cancer risk in a general population. *International Journal of Epidemiology*, **2013**, 42, 1895-6	7.8	1
13	AuthorsQesponse to: qualitative job-exposure matrix--a tool for the quantification of population-attributable fractions for occupational lung carcinogens?. *International Journal of Epidemiology*, **2013**, 42, 357-8	7.8	1
12	Clinical Implications of Inter- and Intra-Tumor Heterogeneity of Immune Cell Markers in Lung Cancer. *Journal of the National Cancer Institute*, **2021**,	9.7	1

LIST OF PUBLICATIONS

11	Mesothelioma in Agriculture in Lombardy, Italy: An Unrecognized Risk. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	1
10	The Seveso Accident445-467		1
9	Peculiar features of mesothelioma occurrence as related to exposure patterns and circumstances in the Lombard Region, Italy. *Medicina Del Lavoro*, **2005**, 96, 354-9	1.9	1
8	Gender differences in pleural mesothelioma occurrence in Lombardy and Piedmont, Italy. *Environmental Research*, **2019**, 177, 108636	7.9	0
7	Clinical characteristics of healthcare workers with SARS-CoV-2 infection after vaccination with BNT162b2 vaccine.. *BMC Infectious Diseases*, **2022**, 22, 97	4	0
6	Associations Among PCSK9 Levels, Atherosclerosis-Derived Extracellular Vesicles, and Their miRNA Content in Adults With Obesity.. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 785250	5.4	0
5	An EBC/Plasma miRNA Signature Discriminates Lung Adenocarcinomas From Pleural Mesothelioma and Healthy Controls. *Frontiers in Oncology*, **2021**, 11, 643280	5.3	0
4	Novel MAPK/AKT-impairing germline NRAS variant identified in a melanoma-prone family. *Familial Cancer*, **2021**, 1	3	0
3	Mortality study in two Italian oil refineries: extension of the follow-up up to 2006. *Occupational and Environmental Medicine*, **2011**, 68, A11-A12	2.1	
2	Pleural mesothelioma in a circus worker. *Journal of Occupational Health*, **2021**, 63, e12250	2.3	
1	Impact of Histology and Tumor Grade on Clinical Outcomes Beyond 5 Years of Follow-Up in a Large Cohort of Renal Cell Carcinomas. *Clinical Genitourinary Cancer*, **2021**, 19, e280-e285	3.3	