

Matteo Bonzini

List of Publications by Year in descending order

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107
papers

6,492
citations

50276

46
h-index

64796

79
g-index

109
all docs

109
docs citations

109
times ranked

9673
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in DNA Methylation Patterns in Subjects Exposed to Low-Dose Benzene. <i>Cancer Research</i> , 2007, 67, 876-880.	0.9	575
2	Maternal Exposure to Particulate Air Pollution and Term Birth Weight: A Multi-Country Evaluation of Effect and Heterogeneity. <i>Environmental Health Perspectives</i> , 2013, 121, 267-373.	6.0	339
3	Effects of Particulate Matter on Genomic DNA Methylation Content and <i>iNOS</i> Promoter Methylation. <i>Environmental Health Perspectives</i> , 2009, 117, 217-222.	6.0	310
4	Exposure to Metal-Rich Particulate Matter Modifies the Expression of Candidate MicroRNAs in Peripheral Blood Leukocytes. <i>Environmental Health Perspectives</i> , 2010, 118, 763-768.	6.0	297
5	Effects of exposure to air pollution on blood coagulation. <i>Journal of Thrombosis and Haemostasis</i> , 2007, 5, 252-260.	3.8	191
6	Risk of prematurity, low birthweight and pre-eclampsia in relation to working hours and physical activities: a systematic review. <i>Occupational and Environmental Medicine</i> , 2006, 64, 228-243.	2.8	190
7	Predictors of global methylation levels in blood DNA of healthy subjects: a combined analysis. <i>International Journal of Epidemiology</i> , 2012, 41, 126-139.	1.9	187
8	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.	8.2	152
9	Accuracy of emergency physician-performed ultrasonography in the diagnosis of deep-vein thrombosis. <i>Thrombosis and Haemostasis</i> , 2013, 109, 137-145.	3.4	145
10	Disabling musculoskeletal pain in working populations: Is it the job, the person, or the culture?. <i>Pain</i> , 2013, 154, 856-863.	4.2	139
11	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, 964-969.	6.0	138
12	Short- and Long-Term Morbidity and Mortality in the Population Exposed to Dioxin after the "Seveso Accident".. <i>Industrial Health</i> , 2003, 41, 127-138.	1.0	137
13	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.	4.0	135
14	Work activities and risk of prematurity, low birth weight and pre-eclampsia: an updated review with meta-analysis. <i>Occupational and Environmental Medicine</i> , 2013, 70, 213-222.	2.8	135
15	Airborne particulate matter and mitochondrial damage: a cross-sectional study. <i>Environmental Health</i> , 2010, 9, 48.	4.0	133
16	Patterns of multisite pain and associations with risk factors. <i>Pain</i> , 2013, 154, 1769-1777.	4.2	133
17	Shift work and pregnancy outcomes: a systematic review with meta-analysis of currently available epidemiological studies. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2011, 118, 1429-1437.	2.3	122
18	Immunologic effects of dioxin: new results from Seveso and comparison with other studies.. <i>Environmental Health Perspectives</i> , 2002, 110, 1169-1173.	6.0	110

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19	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, 622-627.	6.0	109
20	Neonatal Thyroid Function in Seveso 25 Years after Maternal Exposure to Dioxin. <i>PLoS Medicine</i> , 2008, 5, e161.	8.4	106
21	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, 2237-2244.	2.5	104
22	Increased Mitochondrial DNA Copy Number in Occupations Associated with Low-Dose Benzene Exposure. <i>Environmental Health Perspectives</i> , 2012, 120, 210-215.	6.0	99
23	Miscarriage and occupational activity: a systematic review and meta-analysis regarding shift work, working hours, lifting, standing, and physical workload. <i>Scandinavian Journal of Work, Environment and Health</i> , 2013, 39, 325-334.	3.4	98
24	Prognostic significance of residual venous obstruction in patients with treated unprovoked deep vein thrombosis. <i>Thrombosis and Haemostasis</i> , 2014, 111, 172-179.	3.4	97
25	Dâ€dimer testing in the diagnosis of cerebral vein thrombosis: a systematic review and a metaâ€analysis of the literature. <i>Journal of Thrombosis and Haemostasis</i> , 2012, 10, 582-589.	3.8	94
26	Diagnostic accuracy of lung ultrasound for pulmonary embolism: a systematic review and meta-analysis. <i>Journal of Thrombosis and Haemostasis</i> , 2013, 11, 1269-1278.	3.8	94
27	Time trends and case fatality rate of in-hospital treated pulmonary embolism during 11 years of observation in Northwestern Italy. <i>Thrombosis and Haemostasis</i> , 2016, 115, 399-405.	3.4	85
28	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.	6.2	85
29	Incidence rates and case fatality rates of portal vein thrombosis and Budd-Chiari Syndrome. <i>Thrombosis and Haemostasis</i> , 2017, 117, 794-800.	3.4	85
30	Microvesicleâ€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.	2.8	84
31	Early exposure to maternal voice: Effects on preterm infants development. <i>Early Human Development</i> , 2014, 90, 287-292.	1.8	77
32	Effects of inhalable particulate matter on blood coagulation. <i>Journal of Thrombosis and Haemostasis</i> , 2010, 8, 662-668.	3.8	76
33	Impact of Obesity on Surgical Treatment for Endometrial Cancer: Aâ€Multicenter Study Comparing Laparoscopy vs Open Surgery, withâ€Propensity-Matched Analysis. <i>Journal of Minimally Invasive Gynecology</i> , 2016, 23, 53-61.	0.6	73
34	PM10 exposure is associated with increased hospitalizations for respiratory syncytial virus bronchiolitis among infants in Lombardy, Italy. <i>Environmental Research</i> , 2018, 166, 452-457.	7.5	70
35	Serological follow-up of SARS-CoV-2 asymptomatic subjects. <i>Scientific Reports</i> , 2020, 10, 20048.	3.3	68
36	Physical and psychosocial risk factors for musculoskeletal disorders in Brazilian and Italian nurses. <i>Cadernos De Saude Publica</i> , 2012, 28, 1632-1642.	1.0	60

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37	The effect of a uterine manipulator on the recurrence and mortality of endometrial cancer: a multi-centric study by the Italian Society of Gynecological Endoscopy. American Journal of Obstetrics and Gynecology, 2017, 216, 592.e1-592.e11.	1.3	59
38	The CUPID (Cultural and Psychosocial Influences on Disability) Study: Methods of Data Collection and Characteristics of Study Sample. PLoS ONE, 2012, 7, e39820.	2.5	58
39	Short-term particulate matter exposure influences nasal microbiota in a population of healthy subjects. Environmental Research, 2018, 162, 119-126.	7.5	56
40	Occupational physical activities, working hours and outcome of pregnancy: findings from the Southampton Women's Survey. Occupational and Environmental Medicine, 2009, 66, 685-690.	2.8	55
41	Ambient PM exposure and DNA methylation in tumor suppressor genes: a cross-sectional study. Particle and Fibre Toxicology, 2011, 8, 25.	6.2	53
42	Blood hypomethylation of inflammatory genes mediates the effects of metal-rich airborne pollutants on blood coagulation. Occupational and Environmental Medicine, 2013, 70, 418-425.	2.8	52
43	Urinary t,t-muconic acid, S-phenylmercapturic acid and benzene as biomarkers of low benzene exposure. Chemico-Biological Interactions, 2005, 153-154, 253-256.	4.0	50
44	The International Collaboration on Air Pollution and Pregnancy Outcomes: Initial Results. Environmental Health Perspectives, 2011, 119, 1023-1028.	6.0	50
45	Multi-metric measurement of personal exposure to ultrafine particles in selected urban microenvironments. Atmospheric Environment, 2015, 110, 8-17.	4.1	50
46	Laparoscopic vs. open treatment of endometrial cancer in the elderly and very elderly: An age-stratified multicenter study on 1606 women. Gynecologic Oncology, 2016, 141, 211-217.	1.4	50
47	Classification of neck/shoulder pain in epidemiological research. Pain, 2016, 157, 1028-1036.	4.2	44
48	Temporal Stability of Epigenetic Markers: Sequence Characteristics and Predictors of Short-Term DNA Methylation Variations. PLoS ONE, 2012, 7, e39220.	2.5	43
49	Particulate matter exposure is associated with inflammatory gene methylation in obese subjects. Environmental Research, 2017, 152, 478-484.	7.5	42
50	Is musculoskeletal pain a consequence or a cause of occupational stress? A longitudinal study. International Archives of Occupational and Environmental Health, 2015, 88, 607-612.	2.3	41
51	Extracellular vesicle-driven information mediates the long-term effects of particulate matter exposure on coagulation and inflammation pathways. Toxicology Letters, 2016, 259, 143-150.	0.8	39
52	Inhibition of Fibroblast Activation Protein Restores a Balanced Extracellular Matrix and Reduces Fibrosis in Crohn's Disease Strictures Ex Vivo. Inflammatory Bowel Diseases, 2018, 24, 332-345.	1.9	38
53	Pregnancy: occupational aspects of management: concise guidance. Clinical Medicine, 2013, 13, 75-79.	1.9	37
54	Short-term particulate matter exposure induces extracellular vesicle release in overweight subjects. Environmental Research, 2017, 155, 228-234.	7.5	33

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55	Heart Rate Variability Frequency Domain Alterations among Healthy Nurses Exposed to Prolonged Work Stress. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 113.	2.6	33
56	Prolonged job strain reduces time-domain heart rate variability on both working and resting days among cardiovascular-susceptible nurses. <i>International Journal of Occupational Medicine and Environmental Health</i> , 2015, 28, 42-51.	1.3	32
57	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.	4.0	28
58	Out-of-hospital cardiac arrests in a large metropolitan area: synergistic effect of exposure to air particulates and high temperature. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 513-519.	1.8	21
59	Drivers of international variation in prevalence of disabling low back pain: Findings from the Cultural and Psychosocial Influences on Disability study. <i>European Journal of Pain</i> , 2019, 23, 35-45.	2.8	20
60	Prevalence of occupational hazards in patients with different types of epithelial sinonasal cancers. <i>Rhinology</i> , 2013, 51, 31-36.	1.3	20
61	Localization of nonpalpable breast lesions with sonographically visible clip: optimizing tailored resection and clear margins. <i>American Journal of Surgery</i> , 2015, 209, 950-958.	1.8	19
62	Cavity Shaving Reduces Involved Margins and Reinterventions Without Increasing Costs in Breast-Conserving Surgery: A Propensity Score-Matched Study. <i>Annals of Surgical Oncology</i> , 2017, 24, 1516-1524.	1.5	19
63	The contribution of major risk factors and job strain to occupational class differences in coronary heart disease incidence: the MONICA Brianza and PAMELA population-based cohorts. <i>Occupational and Environmental Medicine</i> , 2011, 68, 717-722.	2.8	18
64	Epidemiological Differences Between Localized and Nonlocalized Low Back Pain. <i>Spine</i> , 2017, 42, 740-747.	2.0	18
65	Effects of Early Intervention on Visual Function in Preterm Infants: A Randomized Controlled Trial. <i>Frontiers in Pediatrics</i> , 2020, 8, 291.	1.9	18
66	Development and validation of a score to predict life expectancy after carotid endarterectomy in asymptomatic patients. <i>Journal of Vascular Surgery</i> , 2018, 67, 175-182.	1.1	17
67	Night Shift Work, DNA Methylation and Telomere Length: An Investigation on Hospital Female Nurses. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2292.	2.6	17
68	Histone 3 modifications and blood pressure in the Beijing Truck Driver Air Pollution Study. <i>Biomarkers</i> , 2017, 22, 584-593.	1.9	16
69	Seven Years Cognitive Functioning and Early Assessment in Extremely Low Birth Weight Children. <i>Frontiers in Psychology</i> , 2017, 8, 1257.	2.1	14
70	Particulate matter exposure increases JC polyomavirus replication in the human host. <i>Environmental Pollution</i> , 2018, 241, 234-239.	7.5	14
71	SARS-CoV-2 infection among asymptomatic homebound subjects in Milan, Italy. <i>European Journal of Internal Medicine</i> , 2020, 78, 161-163.	2.2	14
72	Does Enhancement of Oxidative Stress Markers Mediate Health Effects of Ambient Air Particles?. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 46-51.	5.4	13

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73	Provider contribution to an episiotomy risk model. Journal of Maternal-Fetal and Neonatal Medicine, 2015, 28, 2201-2206.	1.5	13
74	Epigenetics applied to epidemiology: investigating environmental factors and lifestyle influence on human health. Medicina Del Lavoro, 2017, 108, 10-23.	0.4	13
75	Extracellular histones mediate the effects of metal-rich air particles on blood coagulation. Environmental Research, 2014, 132, 76-82.	7.5	12
76	Descriptive Epidemiology of Somatising Tendency: Findings from the CUPID Study. PLoS ONE, 2016, 11, e0153748.	2.5	12
77	Interobserver agreement among pathologists regarding core tissue specimens obtained with a new endoscopic ultrasound histology needle; a prospective multicentre study in 50 cases. Histopathology, 2013, 62, 602-608.	2.9	11
78	Exploring the Prognostic Role of Ki67 Proliferative Index in Merkel Cell Carcinoma of the Skin: Clinico-Pathologic Analysis of 84 Cases and Review of the Literature. Endocrine Pathology, 2020, 31, 392-400.	9.0	10
79	Effects of metal-rich particulate matter exposure on exogenous and endogenous viral sequence methylation in healthy steel-workers. Environmental Research, 2017, 159, 452-457.	7.5	9
80	Sentinel node biopsy in ductal carcinoma in situ of the breast: Never justified?. Breast Journal, 2018, 24, 325-333.	1.0	9
81	Incidence Rates and Case-Fatality Rates of Cerebral Vein Thrombosis: A Population-Based Study. Stroke, 2021, 52, 3578-3585.	2.0	9
82	One Year Facing COVID. Systematic Evaluation of Risk Factors Associated With Mental Distress Among Hospital Workers in Italy. Frontiers in Psychiatry, 2022, 13, 834753.	2.6	9
83	Nasal Microbiota Modifies the Effects of Particulate Air Pollution on Plasma Extracellular Vesicles. International Journal of Environmental Research and Public Health, 2020, 17, 611.	2.6	8
84	Comparison of pancreatic histology specimens obtained by EUS 19G versus 22G core biopsy needles: A prospective multicentre study among experienced pathologists. United European Gastroenterology Journal, 2017, 5, 854-858.	3.8	6
85	Associations of sickness absence for pain in the low back, neck and shoulders with wider propensity to pain. Occupational and Environmental Medicine, 2020, 77, 301-308.	2.8	6
86	Cancer risk in oil refinery workers: a pooled mortality study in Italy. Medicina Del Lavoro, 2019, 110, 3-10.	0.4	6
87	Patterns of change of multisite pain over 1-year of follow-up and related risk factors. European Journal of Pain, 2022, 26, 1499-1509.	2.8	5
88	Temporal Trends in Ischemic and Hemorrhagic Strokes in Northern Italy: Results from the Cardiovascular Monitoring Unit in Northern Italy Population-Based Register, 1998-2004. Neuroepidemiology, 2012, 39, 35-42.	2.3	4
89	Exposures to IARC Carcinogenic Agents in Work Settings Not Traditionally Associated with Sinonasal Cancer Risk: The Experience of the Italian National Sinonasal Cancer Registry. International Journal of Environmental Research and Public Health, 2021, 18, 12593.	2.6	4
90	O-107. Epidemiology, 2012, 23, 1.	2.7	2

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91	Towards a toxic-free environment: perspectives for chemical risk assessment approaches.. Medicina Del Lavoro, 2022, 113, e2022004.	0.4	2
92	Vena Cava Filters and In-Hospital Case Fatality Among Patients With Pulmonary Embolism: Results From a Large Population-Based Study. Clinical and Applied Thrombosis/Hemostasis, 2019, 25, 107602961988802.	1.7	1
93	Particulate Matter exposure influences respiratory microbiota structure and functions. , 2017, , .		1
94	Environmental Particulate Matter and Genetic Alterations: Tarantini et al. Respond. Environmental Health Perspectives, 2009, 117, .	6.0	0
95	P-131. Epidemiology, 2012, 23, 1.	2.7	0
96	C0306 Accuracy of emergency physicianâ€™ performed ultrasonography in the diagnosis of deep vein thrombosis: A systematic review and a meta-analysis of the literature. Thrombosis Research, 2012, 130, S197.	1.7	0
97	Shift work and adverse pregnancy outcomes: comments on a recent metaâ€™analysis. BJOG: an International Journal of Obstetrics and Gynaecology, 2012, 119, 379-380.	2.3	0
98	O169â€™Sinonasal cancers: is intestinal type adenocarcinoma the only related to occupational exposures? Results from an Italian case-control study. Occupational and Environmental Medicine, 2014, 71, A21.3-A22.	2.8	0
99	O32-2â€™Micrnas in blood as biomarker of pleural malignant mesothelioma. , 2016, , .		0
100	O18-2â€™Extracellular vesicles are associated with particulate matter exposure. , 2016, , .		0
101	O4A.1â€™Night shiftwork, dna methylation, and telomere length in female nurses. Occupational and Environmental Medicine, 2019, 76, A32.1-A32.	2.8	0
102	EXTRACELLULAR HISTONES AFFECT BLOOD COAGULATION IN SUBJECTS EXPOSED TO METAL-RICH AIR PARTICLES. ISEE Conference Abstracts, 2011, 2011, .	0.0	0
103	EFFECTS OF METAL-RICH PARTICULATE MATTER EXPOSURE ON EXOSOME-ASSOCIATED MICRORNAS.. ISEE Conference Abstracts, 2011, 2011, .	0.0	0
104	GENOMIC DNA METHYLATION ALTERATIONS DUE TO METAL-RICH AIR PARTICLE EXPOSURE: POTENTIAL LINKS WITH INFLAMMATION AND COAGULATION MARKERS. ISEE Conference Abstracts, 2011, 2011, .	0.0	0
105	Abstract 3123: Air pollution and DNA methylation in tumor suppressor genes. , 2012, , .		0
106	Prevalence of occupational exposure to lung carcinogens in a consecutive case-series in a Milan University Hospital. , 2017, , .		0
107	PM10 Exposure and Bronchiolitis from Respiratory Syncytial Virus among Infants. ISEE Conference Abstracts, 2018, 2018, .	0.0	0