

# Matteo Bonzini

## List of Publications by Year in descending order

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Version: 2024-02-01

107  
papers

6,492  
citations

50170

46  
h-index

64668

79  
g-index

109  
all docs

109  
docs citations

109  
times ranked

9673  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | One Year Facing COVID. Systematic Evaluation of Risk Factors Associated With Mental Distress Among Hospital Workers in Italy. <i>Frontiers in Psychiatry</i> , 2022, 13, 834753.  | 1.3 | 9         |
| 2  | Towards a toxic-free environment; perspectives for chemical risk assessment approaches.. <i>Medicina Del Lavoro</i> , 2022, 113, e2022004.  | 0.3 | 2         |
| 3  | Patterns of change of multisite pain over 1-year of follow-up and related risk factors. <i>European Journal of Pain</i> , 2022, 26, 1499-1509.  | 1.4 | 5         |
| 4  | Incidence Rates and Case-Fatality Rates of Cerebral Vein Thrombosis: A Population-Based Study. <i>Stroke</i> , 2021, 52, 3578-3585.   | 1.0 | 9         |
| 5  | Exposures to IARC Carcinogenic Agents in Work Settings Not Traditionally Associated with Sinonasal Cancer Risk: The Experience of the Italian National Sinonasal Cancer Registry. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12593. | 1.2 | 4         |
| 6  | 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.  | 0.8 | 21        |
| 7  | 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. <i>Endocrine Pathology</i> , 2020, 31, 392-400.   | 5.2 | 10        |
| 8  | Serological follow-up of SARS-CoV-2 asymptomatic subjects. <i>Scientific Reports</i> , 2020, 10, 20048.   | 1.6 | 68        |
| 9  | SARS-CoV-2 infection among asymptomatic homebound subjects in Milan, Italy. <i>European Journal of Internal Medicine</i> , 2020, 78, 161-163.   | 1.0 | 14        |
| 10 | Effects of Early Intervention on Visual Function in Preterm Infants: A Randomized Controlled Trial. <i>Frontiers in Pediatrics</i> , 2020, 8, 291.  | 0.9 | 18        |
| 11 | Nasal Microbiota Modifies the Effects of Particulate Air Pollution on Plasma Extracellular Vesicles. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 611.  | 1.2 | 8         |
| 12 | Associations of sickness absence for pain in the low back, neck and shoulders with wider propensity to pain. <i>Occupational and Environmental Medicine</i> , 2020, 77, 301-308.  | 1.3 | 6         |
| 13 | 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.   | 1.4 | 20        |
| 14 | 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.   | 1.2 | 17        |
| 15 | O4A.1-Night shiftwork, dna methylation, and telomere length in female nurses. <i>Occupational and Environmental Medicine</i> , 2019, 76, A32.1-A32.   | 1.3 | 0         |
| 16 | Vena Cava Filters and In-Hospital Case Fatality Among Patients With Pulmonary Embolism: Results From a Large Population-Based Study. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2019, 25, 107602961988802.   | 0.7 | 1         |
| 17 | Cancer risk in oil refinery workers: a pooled mortality study in Italy. <i>Medicina Del Lavoro</i> , 2019, 110, 3-10.   | 0.3 | 6         |
| 18 | Inhibition of Fibroblast Activation Protein Restores a Balanced Extracellular Matrix and Reduces Fibrosis in Crohn's Disease Strictures Ex Vivo. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 332-345.  | 0.9 | 38        |

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|----|---|-----|-----------|
| 19 | Short-term particulate matter exposure influences nasal microbiota in a population of healthy subjects. <i>Environmental Research</i> , 2018, 162, 119-126.   | 3.7 | 56        |
| 20 | 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.   | 0.6 | 17        |
| 21 | Sentinel node biopsy in ductal carcinoma in situ of the breast: Never justified?. <i>Breast Journal</i> , 2018, 24, 325-333.  | 0.4 | 9         |
| 22 | Particulate matter exposure increases JC polyomavirus replication in the human host. <i>Environmental Pollution</i> , 2018, 241, 234-239.   | 3.7 | 14        |
| 23 | 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.   | 3.7 | 70        |
| 24 | 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.  | 1.2 | 33        |
| 25 | PM10 Exposure and Bronchiolitis from Respiratory Syncytial Virus among Infants. <i>ISEE Conference Abstracts</i> , 2018, 2018, .  | 0.0 | 0         |
| 26 | 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. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 216, 592.e1-592.e11. | 0.7 | 59        |
| 27 | Short-term particulate matter exposure induces extracellular vesicle release in overweight subjects. <i>Environmental Research</i> , 2017, 155, 228-234.  | 3.7 | 33        |
| 28 | Epidemiological Differences Between Localized and Nonlocalized Low Back Pain. <i>Spine</i> , 2017, 42, 740-747.   | 1.0 | 18        |
| 29 | 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.   | 2.8 | 85        |
| 30 | Effects of metal-rich particulate matter exposure on exogenous and endogenous viral sequence methylation in healthy steel-workers. <i>Environmental Research</i> , 2017, 159, 452-457.  | 3.7 | 9         |
| 31 | Histone 3 modifications and blood pressure in the Beijing Truck Driver Air Pollution Study. <i>Biomarkers</i> , 2017, 22, 584-593.  | 0.9 | 16        |
| 32 | 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.  | 0.7 | 19        |
| 33 | Particulate matter exposure is associated with inflammatory gene methylation in obese subjects. <i>Environmental Research</i> , 2017, 152, 478-484.   | 3.7 | 42        |
| 34 | Incidence rates and case fatality rates of portal vein thrombosis and Budd-Chiari Syndrome. <i>Thrombosis and Haemostasis</i> , 2017, 117, 794-800.   | 1.8 | 85        |
| 35 | Seven Years Cognitive Functioning and Early Assessment in Extremely Low Birth Weight Children. <i>Frontiers in Psychology</i> , 2017, 8, 1257.  | 1.1 | 14        |
| 36 | Comparison of pancreatic histology specimens obtained by EUS 19G versus 22G core biopsy needles: A prospective multicentre study among experienced pathologists. <i>United European Gastroenterology Journal</i> , 2017, 5, 854-858.                  | 1.6 | 6         |

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|----|---|-----|-----------|
| 37 | Epigenetics applied to epidemiology: investigating environmental factors and lifestyle influence on human health. <i>Medicina Del Lavoro</i> , 2017, 108, 10-23.  | 0.3 | 13        |
| 38 | Prevalence of occupational exposure to lung carcinogens in a consecutive case-series in a Milan University Hospital. , 2017, , .  |     | 0         |
| 39 | Particulate Matter exposure influences respiratory microbiota structure and functions. , 2017, , .  |     | 1         |
| 40 | 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.  | 1.8 | 85        |
| 41 | Laparoscopic vs. open treatment of endometrial cancer in the elderly and very elderly: An age-stratified multicenter study on 1606 women. <i>Gynecologic Oncology</i> , 2016, 141, 211-217.   | 0.6 | 50        |
| 42 | Classification of neck/shoulder pain in epidemiological research. <i>Pain</i> , 2016, 157, 1028-1036.   | 2.0 | 44        |
| 43 | Extracellular vesicle-driven information mediates the long-term effects of particulate matter exposure on coagulation and inflammation pathways. <i>Toxicology Letters</i> , 2016, 259, 143-150.  | 0.4 | 39        |
| 44 | O32-2â€œ...Micrnas in blood as biomarker of pleural malignant mesothelioma. , 2016, , .   |     | 0         |
| 45 | O18-2â€œ...Extracellular vesicles are associated with particulate matter exposure. , 2016, , .  |     | 0         |
| 46 | Impact of Obesity on Surgical Treatment for Endometrial Cancer: AÂMulticenter Study Comparing Laparoscopy vs Open Surgery, withÂPropensity-Matched Analysis. <i>Journal of Minimally Invasive Gynecology</i> , 2016, 23, 53-61.             | 0.3 | 73        |
| 47 | Descriptive Epidemiology of Somatising Tendency: Findings from the CUPID Study. <i>PLoS ONE</i> , 2016, 11, e0153748.   | 1.1 | 12        |
| 48 | 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. | 0.6 | 32        |
| 49 | Microvesicleâ€œassociated 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.   | 1.4 | 84        |
| 50 | Provider contribution to an episiotomy risk model. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 2201-2206.  | 0.7 | 13        |
| 51 | Multi-metric measurement of personal exposure to ultrafine particles in selected urban microenvironments. <i>Atmospheric Environment</i> , 2015, 110, 8-17.   | 1.9 | 50        |
| 52 | 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.   | 0.9 | 19        |
| 53 | Is musculoskeletal pain a consequence or a cause of occupational stress? A longitudinal study. <i>International Archives of Occupational and Environmental Health</i> , 2015, 88, 607-612.  | 1.1 | 41        |
| 54 | Does Enhancement of Oxidative Stress Markers Mediate Health Effects of Ambient Air Particles?. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 46-51.   | 2.5 | 13        |

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|----|--|-----|-----------|
| 55 | Extracellular histones mediate the effects of metal-rich air particles on blood coagulation. <i>Environmental Research</i> , 2014, 132, 76-82.   | 3.7 | 12        |
| 56 | Early exposure to maternal voice: Effects on preterm infants development. <i>Early Human Development</i> , 2014, 90, 287-292.  | 0.8 | 77        |
| 57 | Prognostic significance of residual venous obstruction in patients with treated unprovoked deep vein thrombosis. <i>Thrombosis and Haemostasis</i> , 2014, 111, 172-179.   | 1.8 | 97        |
| 58 | O169 Sinonasal cancers: is intestinal type adenocarcinoma the only related to occupational exposures? Results from an Italian case-control study. <i>Occupational and Environmental Medicine</i> , 2014, 71, A21.3-A22.                      | 1.3 | 0         |
| 59 | Patterns of multisite pain and associations with risk factors. <i>Pain</i> , 2013, 154, 1769-1777.   | 2.0 | 133       |
| 60 | Disabling musculoskeletal pain in working populations: Is it the job, the person, or the culture?. <i>Pain</i> , 2013, 154, 856-863.   | 2.0 | 139       |
| 61 | Blood hypomethylation of inflammatory genes mediates the effects of metal-rich airborne pollutants on blood coagulation. <i>Occupational and Environmental Medicine</i> , 2013, 70, 418-425.   | 1.3 | 52        |
| 62 | 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.   | 1.3 | 135       |
| 63 | Pregnancy: occupational aspects of management: concise guidance. <i>Clinical Medicine</i> , 2013, 13, 75-79.   | 0.8 | 37        |
| 64 | 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.  | 1.9 | 94        |
| 65 | Interobserver agreement among pathologists regarding core tissue specimens obtained with a new endoscopic ultrasound histology needle; a prospective multicentre study in 50 cases. <i>Histopathology</i> , 2013, 62, 602-608.               | 1.6 | 11        |
| 66 | Accuracy of emergency physician-performed ultrasonography in the diagnosis of deep-vein thrombosis. <i>Thrombosis and Haemostasis</i> , 2013, 109, 137-145.  | 1.8 | 145       |
| 67 | 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.   | 2.8 | 339       |
| 68 | 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. | 1.7 | 98        |
| 69 | Prevalence of occupational hazards in patients with different types of epithelial sinonasal cancers. <i>Rhinology</i> , 2013, 51, 31-36.   | 0.7 | 20        |
| 70 | Predictors of global methylation levels in blood DNA of healthy subjects: a combined analysis. <i>International Journal of Epidemiology</i> , 2012, 41, 126-139.   | 0.9 | 187       |
| 71 | Increased Mitochondrial DNA Copy Number in Occupations Associated with Low-Dose Benzene Exposure. <i>Environmental Health Perspectives</i> , 2012, 120, 210-215.   | 2.8 | 99        |
| 72 | O-107. <i>Epidemiology</i> , 2012, 23, 1.  | 1.2 | 2         |

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|----|--|-----|-----------|
| 73 | P-131. <i>Epidemiology</i> , 2012, 23, 1.  | 1.2 | 0         |
| 74 | Temporal Trends in Ischemic and Hemorrhagic Strokes in Northern Italy: Results from the Cardiovascular Monitoring Unit in Northern Italy Population-Based Register, 1998–2004. <i>Neuroepidemiology</i> , 2012, 39, 35-42.                               | 1.1 | 4         |
| 75 | C0306 Accuracy of emergency physician™ performed ultrasonography in the diagnosis of deep vein thrombosis: A systematic review and a meta-analysis of the literature. <i>Thrombosis Research</i> , 2012, 130, S197.                                      | 0.8 | 0         |
| 76 | The CUPID (Cultural and Psychosocial Influences on Disability) Study: Methods of Data Collection and Characteristics of Study Sample. <i>PLoS ONE</i> , 2012, 7, e39820.   | 1.1 | 58        |
| 77 | Physical and psychosocial risk factors for musculoskeletal disorders in Brazilian and Italian nurses. <i>Cadernos De Saude Publica</i> , 2012, 28, 1632-1642.  | 0.4 | 60        |
| 78 | Shift work and adverse pregnancy outcomes: comments on a recent meta-analysis. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2012, 119, 379-380.   | 1.1 | 0         |
| 79 | D-dimer testing in the diagnosis of cerebral vein thrombosis: a systematic review and a meta-analysis of the literature. <i>Journal of Thrombosis and Haemostasis</i> , 2012, 10, 582-589.   | 1.9 | 94        |
| 80 | Temporal Stability of Epigenetic Markers: Sequence Characteristics and Predictors of Short-Term DNA Methylation Variations. <i>PLoS ONE</i> , 2012, 7, e39220.   | 1.1 | 43        |
| 81 | Abstract 3123: Air pollution and DNA methylation in tumor suppressor genes. , 2012, , .  |     | 0         |
| 82 | 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.                                    | 1.1 | 122       |
| 83 | Ambient PM exposure and DNA methylation in tumor suppressor genes: a cross-sectional study. <i>Particle and Fibre Toxicology</i> , 2011, 8, 25.  | 2.8 | 53        |
| 84 | 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. | 1.3 | 18        |
| 85 | 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.   | 2.8 | 138       |
| 86 | 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.                                    | 2.8 | 109       |
| 87 | The International Collaboration on Air Pollution and Pregnancy Outcomes: Initial Results. <i>Environmental Health Perspectives</i> , 2011, 119, 1023-1028.   | 2.8 | 50        |
| 88 | EXTRACELLULAR HISTONES AFFECT BLOOD COAGULATION IN SUBJECTS EXPOSED TO METAL-RICH AIR PARTICLES. <i>ISEE Conference Abstracts</i> , 2011, 2011, .  | 0.0 | 0         |
| 89 | EFFECTS OF METAL-RICH PARTICULATE MATTER EXPOSURE ON EXOSOME-ASSOCIATED MICRORNAS.. <i>ISEE Conference Abstracts</i> , 2011, 2011, .   | 0.0 | 0         |
| 90 | GENOMIC DNA METHYLATION ALTERATIONS DUE TO METAL-RICH AIR PARTICLE EXPOSURE: POTENTIAL LINKS WITH INFLAMMATION AND COAGULATION MARKERS. <i>ISEE Conference Abstracts</i> , 2011, 2011, .   | 0.0 | 0         |

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|-----|---|-----|-----------|
| 91  | Airborne particulate matter and mitochondrial damage: a cross-sectional study. <i>Environmental Health</i> , 2010, 9, 48.   | 1.7 | 133       |
| 92  | Effects of inhalable particulate matter on blood coagulation. <i>Journal of Thrombosis and Haemostasis</i> , 2010, 8, 662-668.  | 1.9 | 76        |
| 93  | 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.                               | 2.8 | 297       |
| 94  | Environmental Particulate Matter and Genetic Alterations: Tarantini et al. <i>Respond. Environmental Health Perspectives</i> , 2009, 117, .   | 2.8 | 0         |
| 95  | Occupational physical activities, working hours and outcome of pregnancy: findings from the Southampton Women's Survey. <i>Occupational and Environmental Medicine</i> , 2009, 66, 685-690.                           | 1.3 | 55        |
| 96  | Effects of Particulate Matter on Genomic DNA Methylation Content and <i>iNOS</i> Promoter Methylation. <i>Environmental Health Perspectives</i> , 2009, 117, 217-222.   | 2.8 | 310       |
| 97  | 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.                | 1.7 | 135       |
| 98  | Neonatal Thyroid Function in Seveso 25 Years after Maternal Exposure to Dioxin. <i>PLoS Medicine</i> , 2008, 5, e161.   | 3.9 | 106       |
| 99  | Changes in DNA Methylation Patterns in Subjects Exposed to Low-Dose Benzene. <i>Cancer Research</i> , 2007, 67, 876-880.  | 0.4 | 575       |
| 100 | Effects of exposure to air pollution on blood coagulation. <i>Journal of Thrombosis and Haemostasis</i> , 2007, 5, 252-260.   | 1.9 | 191       |
| 101 | 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.                 | 1.3 | 190       |
| 102 | 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.  | 1.7 | 28        |
| 103 | Urinary t,t-muconic acid, S-phenylmercapturic acid and benzene as biomarkers of low benzene exposure. <i>Chemico-Biological Interactions</i> , 2005, 153-154, 253-256.  | 1.7 | 50        |
| 104 | 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. | 1.1 | 104       |
| 105 | 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.              | 4.2 | 152       |
| 106 | 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.  | 0.4 | 137       |
| 107 | Immunologic effects of dioxin: new results from Seveso and comparison with other studies.. <i>Environmental Health Perspectives</i> , 2002, 110, 1169-1173.   | 2.8 | 110       |