

Valentina Bollati

List of Publications by Year in descending order

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Version: 2024-02-01

181
papers

12,768
citations

34100

52
h-index

26610

107
g-index

183
all docs

183
docs citations

183
times ranked

18059
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenetics and environmental chemicals. <i>Current Opinion in Pediatrics</i> , 2009, 21, 243-251.	2.0	778
2	Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. <i>Nature</i> , 2017, 541, 81-86.	27.8	743
3	Rapid DNA Methylation Changes after Exposure to Traffic Particles. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 572-578.	5.6	608
4	Changes in DNA Methylation Patterns in Subjects Exposed to Low-Dose Benzene. <i>Cancer Research</i> , 2007, 67, 876-880.	0.9	575
5	Decline in genomic DNA methylation through aging in a cohort of elderly subjects. <i>Mechanisms of Ageing and Development</i> , 2009, 130, 234-239.	4.6	529
6	Environmental epigenetics. <i>Heredity</i> , 2010, 105, 105-112.	2.6	468
7	Epigenetics and lifestyle. <i>Epigenomics</i> , 2011, 3, 267-277.	2.1	413
8	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.	11.4	396
9	Ischemic Heart Disease and Stroke in Relation to Blood DNA Methylation. <i>Epidemiology</i> , 2010, 21, 819-828.	2.7	316
10	Global DNA Hypomethylation Is Associated with High Serum-Persistent Organic Pollutants in Greenlandic Inuit. <i>Environmental Health Perspectives</i> , 2008, 116, 1547-1552.	6.0	313
11	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
12	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
13	MicroRNAs as Potential Signatures of Environmental Exposure or Effect: A Systematic Review. <i>Environmental Health Perspectives</i> , 2015, 123, 399-411.	6.0	253
14	Is there a link between air pollution and mental disorders?. <i>Environment International</i> , 2018, 118, 154-168.	10.0	212
15	Biomarkers of Lead Exposure and DNA Methylation within Retrotransposons. <i>Environmental Health Perspectives</i> , 2010, 118, 790-795.	6.0	205
16	Tumor-derived microRNAs induce myeloid suppressor cells and predict immunotherapy resistance in melanoma. <i>Journal of Clinical Investigation</i> , 2018, 128, 5505-5516.	8.2	193
17	DNA methylation in repetitive elements and Alzheimer disease. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 1078-1083.	4.1	187
18	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

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19	Stress-Related Methylation of the Catechol-O-Methyltransferase Val ¹⁵⁸ Allele Predicts Human Prefrontal Cognition and Activity. <i>Journal of Neuroscience</i> , 2011, 31, 6692-6698.	3.6	182
20	TNF-Related Apoptosis-Inducing Ligand (TRAIL)–Armed Exosomes Deliver Proapoptotic Signals to Tumor Site. <i>Clinical Cancer Research</i> , 2016, 22, 3499-3512.	7.0	158
21	Pseudohypoparathyroidism and GNAS Epigenetic Defects: Clinical Evaluation of Albright Hereditary Osteodystrophy and Molecular Analysis in 40 Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 651-658.	3.6	144
22	Regulatory T cell-derived extracellular vesicles modify dendritic cell function. <i>Scientific Reports</i> , 2018, 8, 6065.	3.3	143
23	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
24	Global and gene-specific promoter methylation changes are related to anti-PDE ₄ DNA adduct levels and influence micronuclei levels in polycyclic aromatic hydrocarbon-exposed individuals. <i>International Journal of Cancer</i> , 2009, 125, 1692-1697.	5.1	136
25	Shorter telomere length in peripheral blood lymphocytes of workers exposed to polycyclic aromatic hydrocarbons. <i>Carcinogenesis</i> , 2010, 31, 216-221.	2.8	132
26	Unexpected detection of SARS-CoV-2 antibodies in the pre-pandemic period in Italy. <i>Tumori</i> , 2021, 107, 446-451.	1.1	126
27	Repetitive element DNA methylation and circulating endothelial and inflammation markers in the VA normative aging study. <i>Epigenetics</i> , 2010, 5, 222-228.	2.7	106
28	Blood leukocyte DNA hypomethylation and gastric cancer risk in a high-risk Polish population. <i>International Journal of Cancer</i> , 2010, 127, 1866-1874.	5.1	103
29	Differential repetitive DNA methylation in multiple myeloma molecular subgroups. <i>Carcinogenesis</i> , 2009, 30, 1330-1335.	2.8	99
30	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
31	Extracellular Vesicle-Shuttled mRNA in Mesenchymal Stem Cell Communication. <i>Stem Cells</i> , 2017, 35, 1093-1105.	3.2	95
32	Genome-wide DNA methylation study in human placenta identifies novel loci associated with maternal smoking during pregnancy. <i>International Journal of Epidemiology</i> , 2016, 45, 1644-1655.	1.9	85
33	Mitochondrial oxidative DNA damage and exposure to particulate air pollution in mother-newborn pairs. <i>Environmental Health</i> , 2016, 15, 10.	4.0	85
34	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
35	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.	2.8	84
36	Arsenic Exposure and DNA Methylation Among Elderly Men. <i>Epidemiology</i> , 2012, 23, 668-676.	2.7	83

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37	Dietary Intervention Modifies DNA Methylation Age Assessed by the Epigenetic Clock. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800092.	3.3	76
38	Repetitive element hypomethylation in blood leukocyte DNA and cancer incidence, prevalence, and mortality in elderly individuals: the Normative Aging Study. <i>Cancer Causes and Control</i> , 2011, 22, 437-447.	1.8	74
39	Particulate matter exposure shapes DNA methylation through the lifespan. <i>Clinical Epigenetics</i> , 2019, 11, 129.	4.1	72
40	Integrative Analysis of miRNA and Inflammatory Gene Expression After Acute Particulate Matter Exposure. <i>Toxicological Sciences</i> , 2013, 132, 307-316.	3.1	70
41	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
42	Effects of particulate matter exposure on multiple sclerosis hospital admission in Lombardy region, Italy. <i>Environmental Research</i> , 2016, 145, 68-73.	7.5	68
43	Serological follow-up of SARS-CoV-2 asymptomatic subjects. <i>Scientific Reports</i> , 2020, 10, 20048.	3.3	68
44	Nasal cell DNA methylation, inflammation, lung function and wheezing in children with asthma. <i>Epigenomics</i> , 2012, 4, 91-100.	2.1	66
45	Plasmatic extracellular vesicle microRNAs in malignant pleural mesothelioma and asbestos-exposed subjects suggest a 2-miRNA signature as potential biomarker of disease. <i>PLoS ONE</i> , 2017, 12, e0176680.	2.5	64
46	Extracellular microRNAs profile in human follicular fluid and IVF outcomes. <i>Scientific Reports</i> , 2018, 8, 17036.	3.3	64
47	Extracellular MicroRNA Signature of Human Helper T Cell Subsets in Health and Autoimmunity. <i>Journal of Biological Chemistry</i> , 2017, 292, 2903-2915.	3.4	63
48	Placental promoter methylation of DNA repair genes and prenatal exposure to particulate air pollution: an ENVIR ON AGE cohort study. <i>Lancet Planetary Health</i> , The, 2018, 2, e174-e183.	11.4	63
49	Interaction with hyaluronan matrix and miRNA cargo as contributors for in vitro potential of mesenchymal stem cell-derived extracellular vesicles in a model of human osteoarthritic synoviocytes. <i>Stem Cell Research and Therapy</i> , 2019, 10, 109.	5.5	60
50	Effects of an acute bout of exercise on circulating extracellular vesicles: tissue-, sex-, and BMI-related differences. <i>International Journal of Obesity</i> , 2020, 44, 1108-1118.	3.4	60
51	Biological and clinical relevance of quantitative global methylation of repetitive DNA sequences in chronic lymphocytic leukemia. <i>Epigenetics</i> , 2011, 6, 188-194.	2.7	58
52	Short-term particulate matter exposure influences nasal microbiota in a population of healthy subjects. <i>Environmental Research</i> , 2018, 162, 119-126.	7.5	56
53	EPIGENETIC EFFECTS OF SHIFTWORK ON BLOOD DNA METHYLATION. <i>Chronobiology International</i> , 2010, 27, 1093-1104.	2.0	55
54	Identification of RNA polymerase III-transcribed Alu loci by computational screening of RNA-Seq data. <i>Nucleic Acids Research</i> , 2015, 43, 817-835.	14.5	55

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55	Placental circadian pathway methylation and in utero exposure to fine particle air pollution. <i>Environment International</i> , 2018, 114, 231-241.	10.0	55
56	Sex differences in effects of maternal risk and protective factors in childhood and pregnancy on newborn telomere length. <i>Psychoneuroendocrinology</i> , 2018, 95, 74-85.	2.7	55
57	LINE-1 methylation in plasma DNA as a biomarker of activity of DNA methylation inhibitors in patients with solid tumors. <i>Epigenetics</i> , 2009, 4, 176-184.	2.7	53
58	Association between blood pressure and DNA methylation of retrotransposons and pro-inflammatory genes. <i>International Journal of Epidemiology</i> , 2013, 42, 270-280.	1.9	53
59	MicroRNA expression analysis identifies a subset of downregulated miRNAs in ALS motor neuron progenitors. <i>Scientific Reports</i> , 2018, 8, 10105.	3.3	53
60	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, 1753-1760.	1.9	51
61	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.	2.5	50
62	Quantitative Analysis of Methylation Defects and Correlation With Clinical Characteristics in Patients With Pseudohypoparathyroidism Type I and GNAS Epigenetic Alterations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E508-E517.	3.6	49
63	Migration phenology and breeding success are predicted by methylation of a photoperiodic gene in the barn swallow. <i>Scientific Reports</i> , 2017, 7, 45412.	3.3	49
64	BDNF rs6265 methylation and genotype interact on risk for schizophrenia. <i>Epigenetics</i> , 2016, 11, 11-23.	2.7	48
65	Extracellular Vesicles: How the External and Internal Environment Can Shape Cell-To-Cell Communication. <i>Current Environmental Health Reports</i> , 2017, 4, 30-37.	6.7	45
66	Maternal cortisol output in pregnancy and newborn telomere length: Evidence for sex-specific effects. <i>Psychoneuroendocrinology</i> , 2019, 102, 225-235.	2.7	44
67	The liaison between respiratory failure and high blood pressure: evidence from COVID-19 patients. <i>European Respiratory Journal</i> , 2020, 56, 2001157.	6.7	43
68	Nutrients Intake Is Associated with DNA Methylation of Candidate Inflammatory Genes in a Population of Obese Subjects. <i>Nutrients</i> , 2014, 6, 4625-4639.	4.1	42
69	Particulate matter exposure is associated with inflammatory gene methylation in obese subjects. <i>Environmental Research</i> , 2017, 152, 478-484.	7.5	42
70	Alu and LINE-1 methylation and lung function in the normative ageing study. <i>BMJ Open</i> , 2012, 2, e001231.	1.9	41
71	Particulate Air Pollution, Blood Mitochondrial DNA Copy Number, and Telomere Length in Mothers in the First Trimester of Pregnancy: Effects on Fetal Growth. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-9.	4.0	41
72	Susceptibility to particle health effects, miRNA and exosomes: rationale and study protocol of the SPHERE study. <i>BMC Public Health</i> , 2014, 14, 1137.	2.9	40

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73	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.	0.8	39
74	Particulate matter induces prothrombotic microparticle shedding by human mononuclear and endothelial cells. <i>Toxicology in Vitro</i> , 2016, 32, 333-338.	2.4	39
75	Urinary concentrations of phenols and phthalate metabolites reflect extracellular vesicle microRNA expression in follicular fluid. <i>Environment International</i> , 2019, 123, 20-28.	10.0	39
76	Prenatal particulate air pollution and newborn telomere length: Effect modification by maternal antioxidant intakes and infant sex. <i>Environmental Research</i> , 2020, 187, 109707.	7.5	39
77	Development and validation of a gas chromatography/mass spectrometry method for the assessment of genomic DNA methylation. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 2637-2646.	1.5	38
78	Relevance of telomere/telomerase system impairment in early stage chronic lymphocytic leukemia. <i>Genes Chromosomes and Cancer</i> , 2014, 53, 612-621.	2.8	38
79	Acute particulate matter affects cardiovascular autonomic modulation and IFN- β methylation in healthy volunteers. <i>Environmental Research</i> , 2018, 161, 97-103.	7.5	38
80	Long-term exposure to air pollution raises circulating levels of proprotein convertase subtilisin/kexin type 9 in obese individuals. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 578-588.	1.8	36
81	Global DNA methylation and low-level exposure to benzene. <i>Medicina Del Lavoro</i> , 2012, 103, 84-95.	0.4	36
82	Air pollution is associated to the multiple sclerosis inflammatory activity as measured by brain MRI. <i>Multiple Sclerosis Journal</i> , 2018, 24, 1578-1584.	3.0	35
83	Identification of miRNA Reference Genes in Extracellular Vesicles from Adipose Derived Mesenchymal Stem Cells for Studying Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1108.	4.1	35
84	Characterization of antibody response in asymptomatic and symptomatic SARS-CoV-2 infection. <i>PLoS ONE</i> , 2021, 16, e0253977.	2.5	35
85	Understanding the effects of air pollution on neurogenesis and gliogenesis in the growing and adult brain. <i>Current Opinion in Pharmacology</i> , 2020, 50, 61-66.	3.5	34
86	Platelet mitochondrial DNA methylation predicts future cardiovascular outcome in adults with overweight and obesity. <i>Clinical Epigenetics</i> , 2020, 12, 29.	4.1	34
87	Short-term particulate matter exposure induces extracellular vesicle release in overweight subjects. <i>Environmental Research</i> , 2017, 155, 228-234.	7.5	33
88	Prognostic parameters of in-hospital mortality in COVID-19 patients: An Italian experience. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13629.	3.4	31
89	Effects of Physical Exercise on Endothelial Function and DNA Methylation. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2530.	2.6	30
90	Air pollution as a contributor to the inflammatory activity of multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2020, 17, 334.	7.2	28

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91	MicroRNAs are associated with blood-pressure effects of exposure to particulate matter: Results from a mediated moderation analysis. <i>Environmental Research</i> , 2016, 146, 274-281.	7.5	27
92	Evaluation of <scp>DNA</scp> methylation of inflammatory genes following treatment of chronic periodontitis: A pilot caseâ€”control study. <i>Journal of Clinical Periodontology</i> , 2017, 44, 905-914.	4.9	24
93	The effects of everyday-life exposure to polycyclic aromatic hydrocarbons on biological age indicators. <i>Environmental Health</i> , 2020, 19, 128.	4.0	24
94	Folate network genetic variation, plasma homocysteine, and global genomic methylation content: a genetic association study. <i>BMC Medical Genetics</i> , 2011, 12, 150.	2.1	23
95	Aberrant Methylation of Hypermethylated-in-Cancer-1 and Exocyclic DNA Adducts in Tobacco Smokers. <i>Toxicological Sciences</i> , 2014, 137, 47-54.	3.1	23
96	Insights into Inflammatory Priming of Adipose-Derived Mesenchymal Stem Cells: Validation of Extracellular Vesicles-Embedded miRNA Reference Genes as A Crucial Step for Donor Selection. <i>Cells</i> , 2019, 8, 369.	4.1	23
97	The role of clock genes in the etiology of Major Depressive Disorder. <i>Journal of Affective Disorders</i> , 2018, 234, 351-357.	4.1	22
98	Epigenetic and Transcriptional Modifications in Repetitive Elements in Petrol Station Workers Exposed to Benzene and MTBE. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 735.	2.6	22
99	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
100	The protocol of a population-based prospective cohort study in southwest of Iran to analyze common non-communicable diseases: Shahrekord cohort study. <i>BMC Public Health</i> , 2018, 18, 660.	2.9	20
101	Titanium and Zirconium Levels Are Associated with Changes in MicroRNAs Expression: Results from a Human Cross-Sectional Study on Obese Population. <i>PLoS ONE</i> , 2016, 11, e0161916.	2.5	19
102	Blood DNA methylation, nevi number, and the risk of melanoma. <i>Melanoma Research</i> , 2014, 24, 480-487.	1.2	18
103	<scp>DNA</scp> methylation changes in Mexican children exposed to arsenic from two historic mining areas in San Luis potosÃ: <i>Environmental and Molecular Mutagenesis</i> , 2016, 57, 717-723.	2.2	18
104	Methylation of the circadian Clock gene in the offspring of a free-living passerine bird increases with maternal and individual exposure to PM10. <i>Environmental Pollution</i> , 2017, 220, 29-37.	7.5	18
105	Supraphysiological Concentrations of Bisphenol A Alter the Expression of Extracellular Vesicle-Enriched miRNAs From Human Primary Granulosa Cells. <i>Toxicological Sciences</i> , 2019, 169, 5-13.	3.1	18
106	On the Interplay of Telomeres, Nevi and the Risk of Melanoma. <i>PLoS ONE</i> , 2012, 7, e52466.	2.5	18
107	Engineered nanomaterials exposure in the production of graphene. <i>Aerosol Science and Technology</i> , 2016, 50, 812-821.	3.1	17
108	miR-22-5p and miR-29a-5p Are Reliable Reference Genes for Analyzing Extracellular Vesicle-Associated miRNAs in Adipose-Derived Mesenchymal Stem Cells and Are Stable under Inflammatory Priming Mimicking Osteoarthritis Condition. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 743-754.	3.8	17

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109	The Efficacy of the Mineralcorticoid Receptor Antagonist Canrenone in COVID-19 Patients. <i>Journal of Clinical Medicine</i> , 2020, 9, 2943.	2.4	17
110	Particulate Air Pollution, Clock Gene Methylation, and Stroke: Effects on Stroke Severity and Disability. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3090.	4.1	17
111	Repetitive DNA Hypomethylation in Multiple Myeloma. <i>Blood</i> , 2008, 112, 2703-2703.	1.4	16
112	Allergen Sensitization Is Associated with Increased DNA Methylation in Older Men. <i>International Archives of Allergy and Immunology</i> , 2013, 161, 37-43.	2.1	15
113	Hydroquinone induces DNA hypomethylation-independent overexpression of retroelements in human leukemia and hematopoietic stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 474, 691-695.	2.1	15
114	Prenatal exposure to mixtures of xenoestrogens and genome-wide DNA methylation in human placenta. <i>Epigenomics</i> , 2016, 8, 43-54.	2.1	15
115	Body mass index in relation to extracellular vesicle-linked microRNAs in human follicular fluid. <i>Fertility and Sterility</i> , 2019, 112, 387-396.e3.	1.0	15
116	Human Endogenous Retroviruses Long Terminal Repeat Methylation, Transcription, and Protein Expression in Human Colon Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 569015.	2.8	15
117	Is There an Association Between Oxytocin Levels in Plasma and Pregnant Women's Mental Health? <i>Journal of the American Psychiatric Nurses Association</i> , 2021, 27, 222-230.	1.0	15
118	The role of extracellular vesicles in rheumatoid arthritis: a systematic review. <i>Clinical Rheumatology</i> , 2021, 40, 3481-3497.	2.2	15
119	Plasma Metabolomic Profiling in 1391 Subjects with Overweight and Obesity from the SPHERE Study. <i>Metabolites</i> , 2021, 11, 194.	2.9	15
120	Association between follicular fluid phthalate concentrations and extracellular vesicle microRNAs expression. <i>Human Reproduction</i> , 2021, 36, 1590-1599.	0.9	15
121	Stress Modifies the Expression of Glucocorticoid-Responsive Genes by Acting at Epigenetic Levels in the Rat Prefrontal Cortex: Modulatory Activity of Lurasidone. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6197.	4.1	15
122	Evaluation and correlation between SARS-CoV-2 neutralizing and binding antibodies in convalescent and vaccinated subjects. <i>Journal of Immunological Methods</i> , 2022, 500, 113197.	1.4	15
123	Maternal air pollution exposure during the first trimester of pregnancy and markers of inflammation and endothelial dysfunction. <i>Environmental Research</i> , 2022, 212, 113216.	7.5	15
124	Particulate matter exposure increases JC polyomavirus replication in the human host. <i>Environmental Pollution</i> , 2018, 241, 234-239.	7.5	14
125	Sterol 27-Hydroxylase Polymorphism Significantly Associates With Shorter Telomere, Higher Cardiovascular and Type-2 Diabetes Risk in Obese Subjects. <i>Frontiers in Endocrinology</i> , 2018, 9, 309.	3.5	14
126	Extracellular Vesicles Released by Colorectal Cancer Cell Lines Modulate Innate Immune Response in Zebrafish Model: The Possible Role of Human Endogenous Retroviruses. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3669.	4.1	14

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127	DNA methylation level in blood and relations to breast cancer, risk factors and environmental exposure in Greenlandic Inuit women. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020, 127, 338-350.	2.5	14
128	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
129	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
130	Global methylation patterns in primary plasma cell leukemia. <i>Leukemia Research</i> , 2018, 73, 95-102.	0.8	13
131	Inflammatory role of extracellular sphingolipids in Cystic Fibrosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 116, 105622.	2.8	13
132	Effects of PM Exposure on the Methylation of Clock Genes in A Population of Subjects with Overweight or Obesity. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1122.	2.6	13
133	The Independent Role of Body Mass Index (BMI) and Severity of Depressive Symptoms on Biological Changes of Women Affected by Overweight/Obesity. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2923.	2.6	13
134	Extracellular histones mediate the effects of metal-rich air particles on blood coagulation. <i>Environmental Research</i> , 2014, 132, 76-82.	7.5	12
135	Targeted resequencing of FECH locus reveals that a novel deep intronic pathogenic variant and eQTLs may cause erythropoietic protoporphyria (EPP) through a methylation-dependent mechanism. <i>Genetics in Medicine</i> , 2020, 22, 35-43.	2.4	12
136	Environmental and biological monitoring of personal exposure to air pollutants of adult people living in a metropolitan area. <i>Science of the Total Environment</i> , 2021, 767, 144916.	8.0	12
137	Insights into the identification of a molecular signature for amyotrophic lateral sclerosis exploiting integrated microRNA profiling of iPSC-derived motor neurons and exosomes. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 189.	5.4	12
138	Timeline of SARS-CoV-2 Spread in Italy: Results from an Independent Serological Retesting. <i>Viruses</i> , 2022, 14, 61.	3.3	12
139	Is in vitro fertilization (IVF) associated with perinatal affective disorders?. <i>Journal of Affective Disorders</i> , 2020, 277, 271-278.	4.1	11
140	Blood-derived extracellular vesicles isolated from healthy donors exposed to air pollution modulate in vitro endothelial cells behavior. <i>Scientific Reports</i> , 2020, 10, 20138.	3.3	11
141	Associations Among PCSK9 Levels, Atherosclerosis-Derived Extracellular Vesicles, and Their miRNA Content in Adults With Obesity. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 785250.	2.4	11
142	Central metabolism of functionally heterogeneous mesenchymal stromal cells. <i>Scientific Reports</i> , 2019, 9, 15420.	3.3	10
143	Human endogenous retroviruses env gene expression and long terminal repeat methylation in colorectal cancer patients. <i>Medical Microbiology and Immunology</i> , 2020, 209, 189-199.	4.8	10
144	Extracellular Vesicles and Their miRNA Content in Amniotic and Tracheal Fluids of Fetuses with Severe Congenital Diaphragmatic Hernia Undergoing Fetal Intervention. <i>Cells</i> , 2021, 10, 1493.	4.1	10

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145	Titanium dioxide nanoparticles: occupational exposure assessment in the photocatalytic paving production. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	9
146	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.	7.5	9
147	Exposure to fine particulate matter (PM2.5) hampers myelin repair in a mouse model of white matter demyelination. <i>Neurochemistry International</i> , 2021, 145, 104991.	3.8	9
148	HDL in COVID-19 Patients: Evidence from an Italian Cross-Sectional Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 5955.	2.4	9
149	Inter-generational resemblance of methylation levels at circadian genes and associations with phenology in the barn swallow. <i>Scientific Reports</i> , 2019, 9, 6505.	3.3	8
150	Relevant non-pharmacologic topics for clinical research in rheumatic musculoskeletal diseases: The patient perspective. <i>International Journal of Rheumatic Diseases</i> , 2020, 23, 1305-1310.	1.9	8
151	INSIDE Project: Individual Air Pollution Exposure, Extracellular Vesicles Signaling and Hypertensive Disorder Development in Pregnancy. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9046.	2.6	8
152	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.	2.6	8
153	An EBC/Plasma miRNA Signature Discriminates Lung Adenocarcinomas From Pleural Mesothelioma and Healthy Controls. <i>Frontiers in Oncology</i> , 2021, 11, 643280.	2.8	8
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