

Valentina Bollati

List of Publications by Year in descending order

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Version: 2024-02-01

181
papers

12,768
citations

34105

52
h-index

26613

107
g-index

183
all docs

183
docs citations

183
times ranked

18059
citing authors

#	ARTICLE	IF	CITATIONS
1	Exposure study on susceptible people - SPES: An integrative biomonitoring approach. <i>Environment International</i> , 2022, 158, 106931.	10.0	1
2	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
3	Peripheral mitochondrial DNA, telomere length and DNA methylation as predictors of live birth in vitro fertilization cycles. <i>PLoS ONE</i> , 2022, 17, e0261591.	2.5	5
4	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
5	A serological investigation in Southern Italy: was SARS-CoV-2 circulating in late 2019?. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, 1-9.	3.3	5
6	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
7	Timeline of SARS-CoV-2 Spread in Italy: Results from an Independent Serological Retesting. <i>Viruses</i> , 2022, 14, 61.	3.3	12
8	The Relationship between Exposure to Airborne Particulate and DNA Adducts in Blood Cells in an Urban Population of Subjects with an Unhealthy Body Mass Index. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5761.	2.6	1
9	Epigenetic Profiling in the Saliva of Obese Pregnant Women. <i>Nutrients</i> , 2022, 14, 2122.	4.1	7
10	Unexpected detection of SARS-CoV-2 antibodies in the pre-pandemic period in Italy. <i>Tumori</i> , 2021, 107, 446-451.	1.1	126
11	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
12	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
13	The role of extracellular vesicles in rheumatoid arthritis: a systematic review. <i>Clinical Rheumatology</i> , 2021, 40, 3481-3497.	2.2	15
14	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
15	Detection of IgM, IgG and SARS-CoV-2 RNA among the personnel of the University of Milan, March through May 2020: the UNICORN study. <i>BMJ Open</i> , 2021, 11, e046800.	1.9	6
16	Plasma Metabolomic Profiling in 1391 Subjects with Overweight and Obesity from the SPHERE Study. <i>Metabolites</i> , 2021, 11, 194.	2.9	15
17	Association between follicular fluid phthalate concentrations and extracellular vesicle microRNAs expression. <i>Human Reproduction</i> , 2021, 36, 1590-1599.	0.9	15
18	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

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19	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
20	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
21	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
22	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
23	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
24	Characterization of antibody response in asymptomatic and symptomatic SARS-CoV-2 infection. <i>PLoS ONE</i> , 2021, 16, e0253977.	2.5	35
25	Potential Short-Term Air Pollution Effects on Rheumatoid Arthritis Activity in Metropolitan Areas in the North of Italy: A Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8490.	2.6	3
26	Long- and Short-Term Exposures to PM10 Can Shorten Telomere Length in Individuals Affected by Overweight and Obesity. <i>Life</i> , 2021, 11, 808.	2.4	1
27	The Methylation of Clock Genes in Perinatal Depression: Which Role for Oxytocin?. <i>Frontiers in Psychiatry</i> , 2021, 12, 734825.	2.6	4
28	Particulate Matter Exposure and Allergic Rhinitis: The Role of Plasmatic Extracellular Vesicles and Bacterial Nasal Microbiome. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10689.	2.6	6
29	Extracellular Vesicles: Footprints of environmental exposures in the aging process?. <i>Current Environmental Health Reports</i> , 2021, 8, 309-322.	6.7	5
30	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
31	Epidemic Preparedness: <i>Leishmania tarentolae</i> as an Easy-to-Handle Tool to Produce Antigens for Viral Diagnosis: Application to COVID-19. <i>Frontiers in Microbiology</i> , 2021, 12, 736530.	3.5	7
32	HDL in COVID-19 Patients: Evidence from an Italian Cross-Sectional Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 5955.	2.4	9
33	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
34	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
35	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
36	Is perinatal major depression affecting obstetrical outcomes? Commentary on "Impact of maternal depression on perinatal outcome in hospitalized women-a prospective study". <i>Archives of Women's Mental Health</i> , 2020, 23, 595-596.	2.6	4

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37	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
38	Is in vitro fertilization (IVF) associated with perinatal affective disorders?. <i>Journal of Affective Disorders</i> , 2020, 277, 271-278.	4.1	11
39	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
40	Serological follow-up of SARS-CoV-2 asymptomatic subjects. <i>Scientific Reports</i> , 2020, 10, 20048.	3.3	68
41	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
42	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
43	The Efficacy of the Mineralcorticoid Receptor Antagonist Canrenone in COVID-19 Patients. <i>Journal of Clinical Medicine</i> , 2020, 9, 2943.	2.4	17
44	The Association between Plasma ERVWE1 Concentrations and Affective Symptoms during Pregnancy: Is This a Friendly Alien?. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9217.	2.6	4
45	The effects of everyday-life exposure to polycyclic aromatic hydrocarbons on biological age indicators. <i>Environmental Health</i> , 2020, 19, 128.	4.0	24
46	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
47	Air pollution as a contributor to the inflammatory activity of multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2020, 17, 334.	7.2	28
48	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
49	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
50	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
51	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
52	Platelet mitochondrial DNA methylation predicts future cardiovascular outcome in adults with overweight and obesity. <i>Clinical Epigenetics</i> , 2020, 12, 29.	4.1	34
53	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
54	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

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55	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
56	Assessment of innate immune response activation following the injection of extracellular vesicles isolated from human cell cultures in zebrafish embryos. <i>Methods in Enzymology</i> , 2020, 645, 277-295.	1.0	2
57	Personalised Medicine: implication and perspectives in the field of occupational health. <i>Medicina Del Lavoro</i> , 2020, 111, 425-444.	0.4	7
58	50â€”MF does not affect global DNA methylation of SHâ€”Y5Y cells treated with the neurotoxin MPP⁺. <i>Bioelectromagnetics</i> , 2019, 40, 33-41.	1.6	6
59	Tiotropium inhibits proinflammatory microparticle generation by human bronchial and endothelial cells. <i>Scientific Reports</i> , 2019, 9, 11631.	3.3	6
60	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
61	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
62	Central metabolism of functionally heterogeneous mesenchymal stromal cells. <i>Scientific Reports</i> , 2019, 9, 15420.	3.3	10
63	Particulate matter exposure shapes DNA methylation through the lifespan. <i>Clinical Epigenetics</i> , 2019, 11, 129.	4.1	72
64	Inflammatory role of extracellular sphingolipids in Cystic Fibrosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 116, 105622.	2.8	13
65	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
66	Body mass index in relation to extracellular vesicleâ€”linked microRNAs in human follicular fluid. <i>Fertility and Sterility</i> , 2019, 112, 387-396.e3.	1.0	15
67	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
68	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
69	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
70	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
71	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
72	Maternal cortisol output in pregnancy and newborn telomere length: Evidence for sex-specific effects. <i>Psychoneuroendocrinology</i> , 2019, 102, 225-235.	2.7	44

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73	miRNAs and lncRNAs as Biomarkers of Toxicant Exposure. , 2019, , 237-247.		1
74	Methods for Analyzing miRNA Expression. , 2019, , 379-405.		1
75	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
76	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
77	Molecular and epigenetic markers as promising tools to quantify the effect of occupational exposures and the risk of developing non-communicable diseases. <i>Medicina Del Lavoro</i> , 2019, 110, 168-190.	0.4	3
78	Regulatory T cell-derived extracellular vesicles modify dendritic cell function. <i>Scientific Reports</i> , 2018, 8, 6065.	3.3	143
79	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
80	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
81	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
82	Placental circadian pathway methylation and in utero exposure to fine particle air pollution. <i>Environment International</i> , 2018, 114, 231-241.	10.0	55
83	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
84	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
85	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
86	Extracellular microRNAs profile in human follicular fluid and IVF outcomes. <i>Scientific Reports</i> , 2018, 8, 17036.	3.3	64
87	Global methylation patterns in primary plasma cell leukemia. <i>Leukemia Research</i> , 2018, 73, 95-102.	0.8	13
88	Dietary Intervention Modifies DNA Methylation Age Assessed by the Epigenetic Clock. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800092.	3.3	76
89	Particulate matter exposure increases JC polyomavirus replication in the human host. <i>Environmental Pollution</i> , 2018, 241, 234-239.	7.5	14
90	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

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91	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
92	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
93	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
94	MicroRNA expression analysis identifies a subset of downregulated miRNAs in ALS motor neuron progenitors. <i>Scientific Reports</i> , 2018, 8, 10105.	3.3	53
95	Is there a link between air pollution and mental disorders?. <i>Environment International</i> , 2018, 118, 154-168.	10.0	212
96	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
97	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
98	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
99	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
100	Short-term particulate matter exposure induces extracellular vesicle release in overweight subjects. <i>Environmental Research</i> , 2017, 155, 228-234.	7.5	33
101	Extracellular Vesicle-Shuttled mRNA in Mesenchymal Stem Cell Communication. <i>Stem Cells</i> , 2017, 35, 1093-1105.	3.2	95
102	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
103	In vitro hydroquinone-induced instauration of histone bivalent mark on human retroelements (LINE-1) in HL60 cells. <i>Toxicology in Vitro</i> , 2017, 40, 1-10.	2.4	6
104	Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. <i>Nature</i> , 2017, 541, 81-86.	27.8	743
105	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
106	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
107	Evaluation of <sc>DNA</sc> methylation of inflammatory genes following treatment of chronic periodontitis: A pilot case-control study. <i>Journal of Clinical Periodontology</i> , 2017, 44, 905-914.	4.9	24
108	Particulate matter exposure is associated with inflammatory gene methylation in obese subjects. <i>Environmental Research</i> , 2017, 152, 478-484.	7.5	42

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109	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
110	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
111	Engineered nanomaterials exposure in the production of graphene. <i>Aerosol Science and Technology</i> , 2016, 50, 812-821.	3.1	17
112	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
113	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
114	<scp>DNA</scp> methylation changes in Mexican children exposed to arsenic from two historic mining areas in San Luis potosÁ. <i>Environmental and Molecular Mutagenesis</i> , 2016, 57, 717-723.	2.2	18
115	Titanium dioxide nanoparticles: occupational exposure assessment in the photocatalytic paving production. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	9
116	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
117	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
118	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
119	BDNF rs6265 methylation and genotype interact on risk for schizophrenia. <i>Epigenetics</i> , 2016, 11, 11-23.	2.7	48
120	Epigenomic Studies in Epidemiology. , 2016, , 163-182.		1
121	Mitochondrial oxidative DNA damage and exposure to particulate air pollution in mother-newborn pairs. <i>Environmental Health</i> , 2016, 15, 10.	4.0	85
122	Particulate matter induces prothrombotic microparticle shedding by human mononuclear and endothelial cells. <i>Toxicology in Vitro</i> , 2016, 32, 333-338.	2.4	39
123	TNF-Related Apoptosis-Inducing Ligand (TRAIL)â€™Armed Exosomes Deliver Proapoptotic Signals to Tumor Site. <i>Clinical Cancer Research</i> , 2016, 22, 3499-3512.	7.0	158
124	Prenatal exposure to mixtures of xenoestrogens and genome-wide DNA methylation in human placenta. <i>Epigenomics</i> , 2016, 8, 43-54.	2.1	15
125	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
126	Time-dependent release of extracellular vesicle subpopulations in tumor CABA I cells. <i>Oncology Reports</i> , 2015, 34, 2752-2759.	2.6	7

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127	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
128	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
129	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
130	MicroRNAs as Potential Signatures of Environmental Exposure or Effect: A Systematic Review. <i>Environmental Health Perspectives</i> , 2015, 123, 399-411.	6.0	253
131	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
132	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
133	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
134	Blood DNA methylation, nevi number, and the risk of melanoma. <i>Melanoma Research</i> , 2014, 24, 480-487.	1.2	18
135	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
136	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
137	Extracellular histones mediate the effects of metal-rich air particles on blood coagulation. <i>Environmental Research</i> , 2014, 132, 76-82.	7.5	12
138	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
139	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
140	Integrative Analysis of miRNA and Inflammatory Gene Expression After Acute Particulate Matter Exposure. <i>Toxicological Sciences</i> , 2013, 132, 307-316.	3.1	70
141	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
142	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
143	Arsenic Exposure and DNA Methylation Among Elderly Men. <i>Epidemiology</i> , 2012, 23, 668-676.	2.7	83
144	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

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145	Nasal cell DNA methylation, inflammation, lung function and wheezing in children with asthma. <i>Epigenomics</i> , 2012, 4, 91-100.	2.1	66
146	Alu and LINE-1 methylation and lung function in the normative ageing study. <i>BMJ Open</i> , 2012, 2, e001231.	1.9	41
147	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
148	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
149	On the Interplay of Telomeres, Nevi and the Risk of Melanoma. <i>PLoS ONE</i> , 2012, 7, e52466.	2.5	18
150	Global DNA methylation and low-level exposure to benzene. <i>Medicina Del Lavoro</i> , 2012, 103, 84-95.	0.4	36
151	Epigenetics and lifestyle. <i>Epigenomics</i> , 2011, 3, 267-277.	2.1	413
152	DNA methylation in repetitive elements and Alzheimer disease. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 1078-1083.	4.1	187
153	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
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