Laura Cantone

List of Publications by Year
in descending order

41 papers	2,764 citations	201575 27 h-index	289141 40 g-index
42 all docs	42 docs citations	42 times ranked	4857 citing authors

#	Article	IF	Citations
1	Effects of Particulate Matter on Genomic DNA Methylation Content and iNOS Promoter Methylation. Environmental Health Perspectives, 2009, 117, 217-222.	2.8	310
2	Exposure to Metal-Rich Particulate Matter Modifies the Expression of Candidate MicroRNAs in Peripheral Blood Leukocytes. Environmental Health Perspectives, 2010, 118, 763-768.	2.8	297
3	Is there a link between air pollution and mental disorders?. Environment International, 2018, 118, 154-168.	4.8	212
4	Predictors of global methylation levels in blood DNA of healthy subjects: a combined analysis. International Journal of Epidemiology, 2012, 41, 126-139.	0.9	187
5	Active endocannabinoids are secreted on extracellular membrane vesicles. EMBO Reports, 2015, 16, 213-220.	2.0	182
6	TNF-Related Apoptosis-Inducing Ligand (TRAIL)â€“Armed Exosomes Deliver Proapoptotic Signals to Tumor Site. Clinical Cancer Research, 2016, 22, 3499-3512.	3.2	158
7	Inhalable Metal-Rich Air Particles and Histone H3K4 Dimethylation and H3K9 Acetylation in a Cross-sectional Study of Steel Workers. Environmental Health Perspectives, 2011, 119, 964-969.	2.8	138
8	Unexpected detection of SARS-CoV-2 antibodies in the prepandemic period in Italy. Tumori, 2021, 107, 446-451.	0.6	126
9	Particulate Air Pollution and Fasting Blood Glucose in Nondiabetic Individuals: Associations and Epigenetic Mediation in the Normative Aging Study, 2000â€“2011. Environmental Health Perspectives, 2016, 124, 1715-1721.	2.8	104
10	Extracellular vesicle-packaged miRNA release after short-term exposure to particulate matter is associated with increased coagulation. Particle and Fibre Toxicology, 2017, 14, 32.	2.8	85
11	Microvesicleâ€associated microRNA expression is altered upon particulate matter exposure in healthy workers and in A549 cells. Journal of Applied Toxicology, 2015, 35, 59-67.	1.4	84
12	Exposure to airborne particulate matter is associated with methylation pattern in the asthma pathway. Epigenomics, 2013, 5, 147-154.	1.0	68
13	Air Pollution and DNA Methylation: Interaction by Psychological Factors in the VA Normative Aging Study. American Journal of Epidemiology, 2012, 176, 224-232.	1.6	59
14	Short-term airborne particulate matter exposure alters the epigenetic landscape of human genes associated with the mitogen-activated protein kinase network: a cross-sectional study. Environmental Health, 2014, 13, 94.	1.7	55
15	Ambient PM exposure and DNA methylation in tumor suppressor genes: a cross-sectional study. Particle and Fibre Toxicology, 2011, 8, 25.	2.8	53
16	Blood hypomethylation of inflammatory genes mediates the effects of metal-rich airborne pollutants on blood coagulation. Occupational and Environmental Medicine, 2013, 70, 418-425.	1.3	52
17	Gene promoter methylation is associated with lung function in the elderly: The normative aging study. Epigenetics, 2012, 7, 261-269.	1.3	50
18	Psychological factors and DNA methylation of genes related to immune/inflammatory system markers: the VA Normative Aging Study. BMJ Open, 2016, 6, e009790.	0.8	45

#	Article	IF	Citations
19	Particulate matter exposure is associated with inflammatory gene methylation in obese subjects. Environmental Research, 2017, 152, 478-484.	3.7	42
20	Beyond the Mean: Quantile Regression to Explore the Association of Air Pollution with Gene-Specific Methylation in the Normative Aging Study. Environmental Health Perspectives, 2015, 123, 759-765.	2.8	41
21	Prospective changes in global DNA methylation and cancer incidence and mortality. British Journal of Cancer, 2016, 115, 465-472.	2.9	41
22	Susceptibility to particle health effects, miRNA and exosomes: rationale and study protocol of the SPHERE study. BMC Public Health, 2014, 14, 1137.	1.2	40
23	Cardiac Autonomic Dysfunction: Particulate Air Pollution Effects Are Modulated by Epigenetic Immunoregulation of Tollâ€like Receptor 2 and Dietary Flavonoid Intake. Journal of the American Heart Association, 2015, 4, e001423.	1.6	40
24	Extracellular vesicle-driven information mediates the long-term effects of particulate matter exposure on coagulation and inflammation pathways. Toxicology Letters, 2016, 259, 143-150.	0.4	39
25	Acute particulate matter affects cardiovascular autonomic modulation and IFN-Î³ methylation in healthy volunteers. Environmental Research, 2018, 161, 97-103.	3.7	38
26	Long-term exposure to air pollution raises circulating levels of proprotein convertase subtilisin/kexin type 9 in obese individuals. European Journal of Preventive Cardiology, 2019, 26, 578-588.	0.8	36
27	Short-term particulate matter exposure induces extracellular vesicle release in overweight subjects. Environmental Research, 2017, 155, 228-234.	3.7	33
28	The role of clock genes in the etiology of Major Depressive Disorder. Journal of Affective Disorders, 2018, 234, 351-357.	2.0	22
29	Epigenetic and Transcriptional Modifications in Repetitive Elements in Petrol Station Workers Exposed to Benzene and MTBE. International Journal of Environmental Research and Public Health, 2018, 15, 735.	1.2	22
30	Particulate Air Pollution, Clock Gene Methylation, and Stroke: Effects on Stroke Severity and Disability. International Journal of Molecular Sciences, 2020, 21, 3090.	1.8	17
31	Distributional changes in gene-specific methylation associated with temperature. Environmental Research, 2016, 150, 38-46.	3.7	14
32	Sterol 27-Hydroxylase Polymorphism Significantly Associates With Shorter Telomere, Higher Cardiovascular and Type-2 Diabetes Risk in Obese Subjects. Frontiers in Endocrinology, 2018, 9, 309.	1.5	14
33	Does Enhancement of Oxidative Stress Markers Mediate Health Effects of Ambient Air Particles?. Antioxidants and Redox Signaling, 2014, 21, 46-51.	2.5	13
34	Active endocannabinoids are secreted on the surface of microglial microvesicles. SpringerPlus, 2015, 4, L29.	1.2	11
35	Associations Among PCSK9 Levels, Atherosclerosis-Derived Extracellular Vesicles, and Their miRNA Content in Adults With Obesity. Frontiers in Cardiovascular Medicine, 2021, 8, 785250.	1.1	11
36	INSIDE Project: Individual Air Pollution Exposure, Extracellular Vesicles Signaling and Hypertensive Disorder Development in Pregnancy. International Journal of Environmental Research and Public Health, 2020, 17, 9046.	1.2	8

#	Article	IF	Citations
37	Time-dependent release of extracellular vesicle subpopulations in tumor CABA I cells. Oncology Reports, 2015, 34, 2752-2759.	1.2	7
38	Particulate Matter Exposure and Allergic Rhinitis: The Role of Plasmatic Extracellular Vesicles and Bacterial Nasal Microbiome. International Journal of Environmental Research and Public Health, 2021, 18, 10689.	1.2	6
39	Inflammatory Markers and Genetic Polymorphisms in Workers Exposed to Flour Dust. Journal of Occupational and Environmental Medicine, 2016, 58, e166-e170.	0.9	3
40	Abstract 15898: Toll-Like Receptor 2 Methylation and Dietary Flavonoid Intake Modify the Association Between Fine Particle Exposure and Cardiac Autonomic Dysfunction: The Normative Aging Study. Circulation, 2014, 130, .	1.6	1
41	Environmental Particulate Matter and Genetic Alterations: Tarantini et al. Respond. Environmental Health Perspectives, 2009, 117, .	2.8	0