Benedetta Izzi

List of Publications by Year
in descending order

59 papers	1,901 citations	304368 22 h-index	264894 42 g-index
63 all docs	63 docs citations	63 times ranked	3533 citing authors

#	Article	IF	Citations
1	Recommendations for the design and analysis of epigenome-wide association studies. Nature Methods, 2013, 10, 949-955.	9.0	345
2	Investigating the influence of maternal cortisol and emotional state during pregnancy on the DNA methylation status of the glucocorticoid receptor gene (NR3C1) promoter region in cord blood. Journal of Psychiatric Research, 2013, 47, 880-891.	1.5	233
3	Platelet-leukocyte interactions in thrombosis. Thrombosis Research, 2012, 129, 263-266.	0.8	128
4	From pseudohypoparathyroidism to inactivating PTH/PTHrP signalling disorder (iPPSD), a novel classification proposed by the EuroPHP network. European Journal of Endocrinology, 2016, 175, P1-P17.	1.9	117
5	Chili Pepper Consumption and Mortality in Italian Adults. Journal of the American College of Cardiology, 2019, 74, 3139-3149.	1.2	57
6	Genome-wide DNA methylation analysis of pseudohypoparathyroidism patients with GNAS imprinting defects. Clinical Epigenetics, 2016, 8, 10.	1.8	53
7	DNA methylation in imprinted genes <scp>IGF2</scp> and <scp>GNASXL</scp> is associated with prenatal maternal stress. Genes, Brain and Behavior, 2015, 14, 573-582.	1.1	48
8	Allele-specific DNA methylation reinforces PEAR1 enhancer activity. Blood, 2016, 128, 1003-1012.	0.6	48
9	Regulators of Platelet cAMP Levels: Clinical and Therapeutic Implications. Current Medicinal Chemistry, 2010, 17, 2897-2905.	1.2	46
10	Chronic Fatigue Syndrome and DNA Hypomethylation of the Glucocorticoid Receptor Gene Promoter 1F Region. Psychosomatic Medicine, 2015, 77, 853-862.	1.3	39
11	GNAS Defects Identified by Stimulatory G Protein Î±-Subunit Signalling Studies in Platelets. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 4851-4859.	1.8	36
12	Newborn genome-wide DNA methylation in association with pregnancy anxiety reveals a potential role for GABBR1. Clinical Epigenetics, 2017, 9, 107.	1.8	34
13	DNA methylation analysis of Homeobox genes implicatesHOXB7hypomethylation as risk factor for neural tube defects. Epigenetics, 2015, 10, 92-101.	1.3	33
14	Beyond Haemostasis and Thrombosis: Platelets in Depression and Its Co-Morbidities. International Journal of Molecular Sciences, 2020, 21, 8817.	1.8	32
15	Determinants of platelet conjugate formation with polymorphonuclear leukocytes or monocytes in whole blood. Thrombosis and Haemostasis, 2007, 98, 1276-1284.	1.8	30
16	Epoprostenol inhibits human platelet-leukocyte mixed conjugate and platelet microparticle formation in whole blood. Thrombosis Research, 2011, 128, 446-451.	0.8	30
17	Variation of DNA methylation in candidate age-related targets on the mitochondrial-telomere axis in cord blood and placenta. Placenta, 2014, 35, 665-672.	0.7	30
18	European guidance for the molecular diagnosis of pseudohypoparathyroidism not caused by point genetic variants at GNAS: an EQA study. European Journal of Human Genetics, 2015, 23, 438-444.	1.4	27

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19	Precision Medicine and Public Health: New Challenges for Effective and Sustainable Health. Journal of Personalized Medicine, 2021, 11, 135.	1.1	27
20	Compound Heterozygous Mutations in theGNASGene of a Boy with Morbid Obesity, Thyroid-Stimulating Hormone Resistance, Pseudohypoparathyroidism, and a Prothrombotic State. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 4844-4849.	1.8	26
21	Human platelet pathology related to defects in the G-protein signaling cascade. Journal of Thrombosis and Haemostasis, 2009, 7, 282-286.	1.9	26
22	Pyrosequencing Evaluation of Widely Available Bisulfite Conversion Methods: Considerations for Application. Medical Epigenetics, 2014, 2, 28-36.	262.3	26
23	Empirical comparison of reduced representation bisulfite sequencing and Infinium BeadChip reproducibility and coverage of DNA methylation in humans. Npj Genomic Medicine, 2017, 2, 13.	1.7	26
24	Variation of PEAR1 DNA methylation influences platelet and leukocyte function. Clinical Epigenetics, 2019, 11, 151.	1.8	25
25	A new approach to imprinting mutation detection in GNAS by Sequenom EpiTYPER system. Clinica Chimica Acta, 2010, 411, 2033-2039.	0.5	24
26	Glucocorticoid receptor DNA methylation and childhood trauma in chronic fatigue syndrome patients. Journal of Psychosomatic Research, 2018, 104, 55-60.	1.2	22
27	Matrix vesicle biomimetics harboring Annexin A5 and alkaline phosphatase bind to the native collagen matrix produced by mineralizing vascular smooth muscle cells. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129629.	1.1	22
28	Methylation Defect in Imprinted Genes Detected in Patients with an Albright's Hereditary Osteodystrophy Like Phenotype and Platelet Gs Hypofunction. PLoS ONE, 2012, 7, e38579.	1.1	21
29	Serum vitamin D deficiency and risk of hospitalization for heart failure: Prospective results from the Moli-sani study. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 298-307.	1.1	21
30	From genetics to epigenetics in platelet research. Thrombosis Research, 2012, 129, 325-329.	0.8	18
31	Methylome analysis for spina bifida shows SOX18 hypomethylation as a risk factor with evidence for a complex (epi)genetic interplay to affect neural tube development. Clinical Epigenetics, 2016, 8, 108.	1.8	18
32	Dextran sulfate triggers platelet aggregation via direct activation of PEAR1. Platelets, 2016, 27, 365-372.	1.1	18
33	Recent Advances in GNAS Epigenetic Research of Pseudohypoparathyroidism. Current Molecular Medicine, 2012, 12, 566-573.	0.6	18
34	Platelet-leukocyte mixed conjugates in patients with atrial fibrillation. Platelets, 2009, 20, 235-241.	1.1	17
35	Revisiting the link between platelets and depression through genetic epidemiology: new insights from platelet distribution width. Haematologica, 2020, 105, e246-e248.	1.7	17
36	Platelet Distribution Width Is Associated with P-Selectin Dependent Platelet Function: Results from the Moli-Family Cohort Study. Cells, 2021, 10, 2737.	1.8	16

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37	Daily Coffee Drinking Is Associated with Lower Risks of Cardiovascular and Total Mortality in a General Italian Population: Results from the Moli-sani Study. Journal of Nutrition, 2021, 151, 395-404.	1.3	15
38	Determinants of platelet conjugate formation with polymorphonuclear leukocytes or monocytes in whole blood. Thrombosis and Haemostasis, 2007, 98, 1276-84.	1.8	15
39	PEAR1 is not a major susceptibility gene for cardiovascular disease in a Flemish population. BMC Medical Genetics, 2017, 18, 45.	2.1	13
40	ZBTB12 DNA methylation is associated with coagulation- and inflammation-related blood cell parameters: findings from the Moli-family cohort. Clinical Epigenetics, 2019, 11, 74.	1.8	12
41	Cell-Specific PEAR1 Methylation Studies Reveal a Locus that Coordinates Expression of Multiple Genes. International Journal of Molecular Sciences, 2018, 19, 1069.	1.8	11
42	Absence of Pear1 does not affect murine platelet function in vivo. Thrombosis Research, 2016, 146, 76-83.	0.8	10
43	Learning by counting blood platelets in population studies: survey and perspective a long way after Bizzozero. Journal of Thrombosis and Haemostasis, 2018, 16, 1711-1721.	1.9	10
44	Assessing Genetic Overlap Between Platelet Parameters and Neurodegenerative Disorders. Frontiers in Immunology, 2020, 11, 02127.	2.2	10
45	Heritability, genetic correlation and linkageÂto the 9p21.3 region of mixed plateletâ€“leukocyte conjugates in families with and without early myocardial infarction. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 684-692.	1.1	9
46	Mediterranean diet and other dietary patterns in association with biological aging in the Moli-sani Study cohort. Clinical Nutrition, 2022, 41, 1025-1033.	2.3	7
47	Neuromedin U potentiates ADP- and epinephrine-induced human platelet activation. Thrombosis Research, 2017, 159, 100-108.	0.8	4
48	NMU DNA methylation in blood is associated with metabolic and inflammatory indices: results from the Moli-sani study. Epigenetics, 2021, 16, 1-14.	1.3	4
49	No evidence for GNAS copy number variants in patients with features of Albright's hereditary osteodystrophy and abnormal platelet Gs activity. Journal of Human Genetics, 2012, 57, 277-279.	1.1	3
50	Fine-grained investigation of the relationship between human nutrition and global DNA methylation patterns. European Journal of Nutrition, 2022, 61, 1231-1243.	1.8	3
51	Comparison of multiplexed reduced representation bisulfite sequencing (mRRBS) with the 450K Illumina Human BeadChip: from concordance to practical applications for methylomic profiling in epigenetic epidemiologic studies. Epigenetics and Chromatin, 2013, 6, .	1.8	2
52	Association of colorectal cancer with genetic and epigenetic variation in PEAR1â€”A population-based cohort study. PLoS ONE, 2022, 17, e0266481.	1.1	1
53	Pregnancy anxiety is associated with GABBR1 cord blood DNA methylation, but only in male neonates. Psychoneuroendocrinology, 2016, 71, 47.	1.3	0
54	Pharmacogenomics of Antiplatelet Drugs. , 2017, , 1325-1340.		0

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55	Methylome analysis for spina bifida shows SOX18 hypomethylation as risk factor with evidence for a complex (epi)genetic interplay to affect neural tube development. European Journal of Paediatric Neurology, 2017, 21, e45-e46.	0.7	0
56	Variants in Neuromedin U pathway genes and risk of cardiovascular disease in an Italian population. European Journal of Public Health, 2019, 29, .	0.1	0
57	Peripheral blood DNA and RNA biomarkers of cardiovascular disease in clinical practice. , 2021, , 261-281.		0
58	Application of multiplexed reduced representation bisulfite sequencing (mRRBS) to environmental epigenetic studies: comparison to the 450K Illumina BeadChip. ISEE Conference Abstracts, 2013, 2013, 5363.	0.0	0
59	From pseudohypoparathyroidism to inactivating PTH/PTHrP signaling disorder (iPPSD), a novel classification proposed by the European EuroPHP-network. Endocrine Abstracts, 0, , .	0.0	0