

Marco Morselli

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

2,039
citations

361045

20
h-index

276539

41
g-index

69
all docs

69
docs citations

69
times ranked

3824
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct Shifts in Microbiota Composition during <i>Drosophila</i> Aging Impair Intestinal Function and Drive Mortality. <i>Cell Reports</i> , 2015, 12, 1656-1667.	2.9	382
2	In vivo targeting of de novo DNA methylation by histone modifications in yeast and mouse. <i>ELife</i> , 2015, 4, e06205.	2.8	146
3	Glucose inhibits cardiac muscle maturation through nucleotide biosynthesis. <i>ELife</i> , 2017, 6, .	2.8	142
4	Epigenome-Wide Association of Liver Methylation Patterns and Complex Metabolic Traits in Mice. <i>Cell Metabolism</i> , 2015, 21, 905-917.	7.2	98
5	A mammalian methylation array for profiling methylation levels at conserved sequences. <i>Nature Communications</i> , 2022, 13, 783.	5.8	93
6	Genome and methylome of the oleaginous diatom <i>Cyclotella cryptica</i> reveal genetic flexibility toward a high lipid phenotype. <i>Biotechnology for Biofuels</i> , 2016, 9, 258.	6.2	87
7	Intrauterine calorie restriction affects placental DNA methylation and gene expression. <i>Physiological Genomics</i> , 2013, 45, 565-576.	1.0	84
8	Non-exhaustive DNA methylation-mediated transposon silencing in the black truffle genome, a complex fungal genome with massive repeat element content. <i>Genome Biology</i> , 2014, 15, 411.	3.8	67
9	Systems Nutrigenomics Reveals Brain Gene Networks Linking Metabolic and Brain Disorders. <i>EBioMedicine</i> , 2016, 7, 157-166.	2.7	59
10	Metabolic reprogramming and epigenetic changes of vital organs in SARS-CoV-2-induced systemic toxicity. <i>JCI Insight</i> , 2021, 6, .	2.3	57
11	The Memory of Environmental Chemical Exposure in <i>C.Âlegans</i> Is Dependent on the Jumonji Demethylases <i>jmjd-2</i> and <i>jmjd-3/utx-1</i> . <i>Cell Reports</i> , 2018, 23, 2392-2404.	2.9	53
12	Dynamic changes in the transcriptome and methylome of <i>Chlamydomonas reinhardtii</i> throughout its life cycle. <i>Plant Physiology</i> , 2015, 169, pp.00861.2015.	2.3	51
13	Transcriptome and DNA methylation changes modulated by sulforaphane induce cell cycle arrest, apoptosis, DNA damage, and suppression of proliferation in human liver cancer cells. <i>Food and Chemical Toxicology</i> , 2020, 136, 111047.	1.8	50
14	Phenotypic and functional characterization of corneal endothelial cells during in vitro expansion. <i>Scientific Reports</i> , 2020, 10, 7402.	1.6	41
15	H3K36 Methylation and the Chromodomain Protein <i>Eaf3</i> Are Required for Proper Cotranscriptional Spliceosome Assembly. <i>Cell Reports</i> , 2019, 27, 3760-3769.e4.	2.9	37
16	A temporal transcriptome and methylome in human embryonic stem cell-derived cardiomyocytes identifies novel regulators of early cardiac development. <i>Epigenetics</i> , 2018, 13, 1013-1026.	1.3	35
17	Cell-free DNA Methylation and Transcriptomic Signature Prediction of Pregnancies with Adverse Outcomes. <i>Epigenetics</i> , 2021, 16, 642-661.	1.3	34
18	TNF-Signaling Modulates Neutrophil-Mediated Immunity at the Feto-Maternal Interface During LPS-Induced Intrauterine Inflammation. <i>Frontiers in Immunology</i> , 2020, 11, 558.	2.2	33

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19	A randomized, phase 1, placebo-controlled trial of APC α 157 in oral cancer demonstrates systemic absorption and an inhibitory effect on cytokines and tumor-associated microbes. <i>Cancer</i> , 2020, 126, 1668-1682.	2.0	33
20	Targeted bisulfite sequencing for biomarker discovery. <i>Methods</i> , 2021, 187, 13-27.	1.9	30
21	Extracellular traps released by antimicrobial TH17 cells contribute to host defense. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	30
22	Human Astrocytes Exhibit Tumor Microenvironment-, Age-, and Sex-Related Transcriptomic Signatures. <i>Journal of Neuroscience</i> , 2022, 42, 1587-1603.	1.7	24
23	Omega-3 fatty acids increase the unfolded protein response and improve amyloid β phagocytosis by macrophages of patients with mild cognitive impairment. <i>FASEB Journal</i> , 2017, 31, 4359-4369.	0.2	22
24	ZEB1 insufficiency causes corneal endothelial cell state transition and altered cellular processing. <i>PLoS ONE</i> , 2019, 14, e0218279.	1.1	20
25	Dysregulation of hsa-miR-34a and hsa-miR-449a leads to overexpression of PACS-1 and loss of DNA damage response (DDR) in cervical cancer. <i>Journal of Biological Chemistry</i> , 2020, 295, 17169-17186.	1.6	19
26	Tick tock, tick tock: Mouse culture and tissue aging captured by an epigenetic clock. <i>Aging Cell</i> , 2022, 21, e13553.	3.0	19
27	Novel features of telomere biology revealed by the absence of telomeric DNA methylation. <i>Genome Research</i> , 2016, 26, 1047-1056.	2.4	18
28	Plasma contains ultrashort single-stranded DNA in addition to nucleosomal cell-free DNA. <i>IScience</i> , 2022, 25, 104554.	1.9	18
29	Transposon-associated epigenetic silencing during <i>Pleurotus ostreatus</i> life cycle. <i>DNA Research</i> , 2018, 25, 451-464.	1.5	17
30	Dynamic changes in chromatin accessibility, altered adipogenic gene expression, and total versus de novo fatty acid synthesis in subcutaneous adipose stem cells of normal-weight polycystic ovary syndrome (PCOS) women during adipogenesis: evidence of cellular programming. <i>Clinical Epigenetics</i> , 2020, 12, 181.	1.8	17
31	Early adaptive chromatin remodeling events precede pathologic phenotypes and are reinforced in the failing heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 160, 73-86.	0.9	17
32	β -Globin Lentiviral Vectors Have Reduced Titers due to Incomplete Vector RNA Genomes and Lowered Virion Production. <i>Stem Cell Reports</i> , 2021, 16, 198-211.	2.3	15
33	GATA4 represses RANKL in osteoblasts via multiple long-range enhancers to regulate osteoclast differentiation. <i>Bone</i> , 2018, 116, 78-86.	1.4	14
34	DNA methylation estimation using methylation-sensitive restriction enzyme bisulfite sequencing (MREBS). <i>PLoS ONE</i> , 2019, 14, e0214368.	1.1	14
35	The Novel Omega-6 Fatty Acid Docosapentaenoic Acid Positively Modulates Brain Innate Immune Response for Resolving Neuroinflammation at Early and Late Stages of Humanized APOE-Based Alzheimer's Disease Models. <i>Frontiers in Immunology</i> , 2020, 11, 558036.	2.2	14
36	Human DNA methylation signatures differentiate persistent from resolving MRSA bacteremia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	14

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37	A Forward Genetic Screen Targeting the Endothelium Reveals a Regulatory Role for the Lipid Kinase Pi4ka in Myelo- and Erythropoiesis. <i>Cell Reports</i> , 2018, 22, 1211-1224.	2.9	13
38	An in situ high-throughput screen identifies inhibitors of intracellular Burkholderia pseudomallei with therapeutic efficacy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18597-18606.	3.3	13
39	Epigenetic Suppression of Transgenic T-cell Receptor Expression via Gamma-Retroviral Vector Methylation in Adoptive Cell Transfer Therapy. <i>Cancer Discovery</i> , 2020, 10, 1645-1653.	7.7	11
40	Epigenetic regulation of human non-coding RNA gene transcription. <i>Biochemical Society Transactions</i> , 2022, 50, 723-736.	1.6	11
41	A comprehensive resource of genomic, epigenomic and transcriptomic sequencing data for the black truffle <i>Tuber melanosporum</i> . <i>GigaScience</i> , 2014, 3, 25.	3.3	10
42	Alu RNA Modulates the Expression of Cell Cycle Genes in Human Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3315.	1.8	10
43	Genome-wide DNA Methylation Profiling of Blood from Monozygotic Twins Discordant for Myocardial Infarction. <i>In Vivo</i> , 2020, 34, 361-367.	0.6	8
44	Omega-3 Fatty Acids Increase Amyloid- β Immunity, Energy, and Circadian Rhythm for Cognitive Protection of Alzheimer's Disease Patients Beyond Cholinesterase Inhibitors. <i>Journal of Alzheimer's Disease</i> , 2020, 75, 993-1002.	1.2	8
45	DNA Methylation-Based Prediction of Post-operative Atrial Fibrillation. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	1.1	8
46	Expression of Stromal Progesterone Receptor and Differential Methylation Patterns in the Endometrium May Correlate with Response to Progesterone Therapy in Endometrial Complex Atypical Hyperplasia. <i>Reproductive Sciences</i> , 2020, 27, 1778-1790.	1.1	7
47	Omega-3 fatty acids increase OXPHOS energy for immune therapy of Alzheimer disease patients. <i>FASEB Journal</i> , 2020, 34, 9982-9994.	0.2	6
48	Cell-Free RNA as a Novel Biomarker for Response to Therapy in Head & Neck Cancer. <i>Frontiers in Oncology</i> , 2022, 12, .	1.3	6
49	Effects of sulforaphane on the oxidative response, apoptosis, and the transcriptional profile of human stomach mucosa cells in vitro. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2020, 854-855, 503201.	0.9	5
50	DNA methylation profiles in pneumonia patients reflect changes in cell types and pneumonia severity. <i>Epigenetics</i> , 2022, 17, 1646-1660.	1.3	5
51	An RNA Polymerase III General Transcription Factor Engages in Cell Type-Specific Chromatin Looping. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2260.	1.8	4
52	Fasting Mimicking Diet-Induced Pluripotency and Epigenetic Reprogramming in Hematopoietic Stem Cells during Aging. <i>Experimental Hematology</i> , 2018, 64, S69.	0.2	0
53	CHROMATIN ACCESSIBILITY, TRANSCRIPTIONAL NETWORKS, AND FATTY ACID (FA) SYNTHESIS DURING ADIPOGENESIS IN SUBCUTANEOUS (SC) ADIPOSE STEM CELLS (ASCS) OF POLYCYSTIC OVARY SYNDROME (PCOS) WOMEN. <i>Fertility and Sterility</i> , 2020, 114, e101.	0.5	0
54	OR20-03 Transcriptional Changes in Lipid Metabolism of Adipocytes Derived from Subcutaneous Abdominal Adipose Stem Cells of Normal-Weight Polycystic Ovary Syndrome Women. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.1	0

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55	Abstract 5505: GAN gene exon 8 SNP is related to gigaxonin expression and increased expression of e-cadherin in head and neck cancer. , 2018, , .		0
56	Abstract 6590: Epigenetic suppression of transgenic T-cell receptor (TCR) expression in adoptive cell transfer (ACT) therapy. , 2020, , .		0
57	Abstract 15945: Temporal Analyses of Chromatin Accessibility, Dna Methylation and Epigenomic Structure Identify Mechanisms of Locus-specific Regulation in the Heart. Circulation, 2020, 142, .	1.6	0