

Antonella Monticelli

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,309
citations

430874

18
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

1936
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased BDNF Promoter Methylation in the Wernicke Area of Suicide Subjects. Archives of General Psychiatry, 2010, 67, 258.	12.3	336
2	PGC-1alpha Down-Regulation Affects the Antioxidant Response in Friedreich's Ataxia. PLoS ONE, 2010, 5, e10025.	2.5	118
3	Progressive gaa expansions in dorsal root ganglia of Friedreich's ataxia patients. Annals of Neurology, 2007, 61, 55-60.	5.3	106
4	Somatic instability of the expanded GAA triplet-repeat sequence in Friedreich ataxia progresses throughout life. Genomics, 2007, 90, 1-5.	2.9	74
5	The level of thyroglobulin mRNA is regulated by TSH both in vitro and in vivo. Biochemical and Biophysical Research Communications, 1984, 122, 472-477.	2.1	70
6	Recombinant Human Erythropoietin Increases Frataxin Protein Expression Without Increasing mRNA Expression. Cerebellum, 2008, 7, 360-365.	2.5	68
7	Extra-mitochondrial localisation of frataxin and its association with IscU1 during enterocyte-like differentiation of the human colon adenocarcinoma cell line Caco-2. Journal of Cell Science, 2005, 118, 3917-3924.	2.0	61
8	Nucleotide distance influences co-methylation between nearby CpG sites. Genomics, 2020, 112, 144-150.	2.9	58
9	Replication-mediated instability of the GAA triplet repeat mutation in Friedreich ataxia. Nucleic Acids Research, 2004, 32, 5962-5971.	14.5	57
10	PPAR- δ Agonist Azelaoyl PAF Increases Frataxin Protein and mRNA Expression. New Implications for the Friedreich's Ataxia Therapy. Cerebellum, 2009, 8, 98-103.	2.5	46
11	Genome-Wide Scan for Signatures of Human Population Differentiation and Their Relationship with Natural Selection, Functional Pathways and Diseases. PLoS ONE, 2009, 4, e7927.	2.5	36
12	Determinants of onset age in Friedreich's ataxia. Journal of Neurology, 1998, 245, 166-168.	3.6	35
13	Schizophrenia and vitamin D related genes could have been subject to latitude-driven adaptation. BMC Evolutionary Biology, 2010, 10, 351.	3.2	32
14	Up-regulation of c-Jun N-terminal kinase pathway in Friedreich's ataxia cells. Human Molecular Genetics, 2002, 11, 2989-2996.	2.9	29
15	ampliMethProfiler: a pipeline for the analysis of CpG methylation profiles of targeted deep bisulfite sequenced amplicons. BMC Bioinformatics, 2016, 17, 484.	2.6	25
16	Differential expression of thyroglobulin gene in normal and transformed thyroid cells. FEBS Journal, 1985, 149, 467-472.	0.2	22
17	Tracking the evolution of epialleles during neural differentiation and brain development: <i>D-Aspartate oxidase</i> as a model gene. Epigenetics, 2017, 12, 41-54.	2.7	21
18	New clues on the origin of the Friedreich ataxia expanded alleles from the analysis of new polymorphisms closely linked to the mutation. Human Genetics, 2004, 114, 458-463.	3.8	19

#	ARTICLE	IF	CITATIONS
19	3-Nitropropionic acid increases frataxin expression in human lymphoblasts and in transgenic rat PC12 cells. <i>Neuroscience Letters</i> , 2003, 350, 184-186.	2.1	17
20	CpG Islands Undermethylation in Human Genomic Regions under Selective Pressure. <i>PLoS ONE</i> , 2011, 6, e23156.	2.5	16
21	Modeling DNA methylation by analyzing the individual configurations of single molecules. <i>Epigenetics</i> , 2016, 11, 881-888.	2.7	14
22	Can Telomere Shortening in Human Peripheral Blood Leukocytes Serve as a Disease Biomarker of Friedreich's Ataxia?. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 1303-1306.	5.4	12
23	Functional properties of normal and inverted rat thyroid follicles in suspension culture. <i>Journal of Cellular Physiology</i> , 1986, 126, 93-98.	4.1	10
24	The PPAR α Pro12Ala variant is protective against progression of nephropathy in people with type 2 diabetes. <i>Journal of Translational Medicine</i> , 2015, 13, 85.	4.4	10
25	Shorter telomeres in patients with cerebral autosomal dominant arteriopathy and leukoencephalopathy (CADASIL). <i>Neurogenetics</i> , 2011, 12, 337-343.	1.4	7
26	Signs of Selective Pressure on Genetic Variants Affecting Human Height. <i>PLoS ONE</i> , 2011, 6, e27588.	2.5	5
27	CpG islands under selective pressure are enriched with H3K4me3, H3K27ac and H3K36me3 histone modifications. <i>BMC Evolutionary Biology</i> , 2013, 13, 145.	3.2	5