

Maria Caracausi

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,061
citations

471371

17
h-index

454834

30
g-index

33
all docs

33
docs citations

33
times ranked

1152
citing authors

#	ARTICLE	IF	CITATIONS
1	On the length, weight and GC content of the human genome. BMC Research Notes, 2019, 12, 106.	0.6	125
2	Human protein-coding genes and gene feature statistics in 2019. BMC Research Notes, 2019, 12, 315.	0.6	106
3	GeneBase 1.1: a tool to summarize data from NCBI gene datasets and its application to an update of human gene statistics. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw153.	1.4	105
4	Plasma and urinary metabolomic profiles of Down syndrome correlate with alteration of mitochondrial metabolism. Scientific Reports, 2018, 8, 2977.	1.6	80
5	Systematic reanalysis of partial trisomy 21 cases with or without Down syndrome suggests a small region on 21q22.13 as critical to the phenotype. Human Molecular Genetics, 2016, 25, ddw116.	1.4	74
6	Systematic identification of human housekeeping genes possibly useful as references in gene expression studies. Molecular Medicine Reports, 2017, 16, 2397-2410.	1.1	71
7	Identification of minimal eukaryotic introns through GeneBase, a user-friendly tool for parsing the NCBI Gene databank. DNA Research, 2015, 22, 495-503.	1.5	60
8	Integrated Quantitative Transcriptome Maps of Human Trisomy 21 Tissues and Cells. Frontiers in Genetics, 2018, 9, 125.	1.1	38
9	Integrated differential transcriptome maps of Acute Megakaryoblastic Leukemia (AMKL) in children with or without Down Syndrome (DS). BMC Medical Genomics, 2014, 7, 63.	0.7	37
10	A quantitative transcriptome reference map of the normal human brain. Neurogenetics, 2014, 15, 267-287.	0.7	33
11	A quantitative transcriptome reference map of the normal human hippocampus. Hippocampus, 2016, 26, 13-26.	0.9	28
12	Integrated Transcriptome Map Highlights Structural and Functional Aspects of the Normal Human Heart. Journal of Cellular Physiology, 2017, 232, 759-770.	2.0	28
13	Partial trisomy 21 map: Ten cases further supporting the highly restricted Down syndrome critical region (HR–DSCR) on human chromosome 21. Molecular Genetics & Genomic Medicine, 2019, 7, e797.	0.6	28
14	Genotype-phenotype correlation for congenital heart disease in Down syndrome through analysis of partial trisomy 21 cases. Genomics, 2017, 109, 391-400.	1.3	27
15	A molecular view of the normal human thyroid structure and function reconstructed from its reference transcriptome map. BMC Genomics, 2017, 18, 739.	1.2	27
16	Plasma metabolome and cognitive skills in Down syndrome. Scientific Reports, 2020, 10, 10491.	1.6	23
17	Cognitive profiles in children and adolescents with Down syndrome. Scientific Reports, 2022, 12, 1936.	1.6	21
18	An integrated route to identifying new pathogenesis-based therapeutic approaches for trisomy 21 (Down Syndrome) following the thought of JÃréme Lejeune. Science Postprint, 2013, 1, .	0.3	20

#	ARTICLE	IF	CITATIONS
19	Difficulty in obtaining the complete mRNA coding sequence at 5' end region (5' end mRNA artifact): Causes, consequences in biology and medicine and possible solutions for obtaining the actual amino acid sequence of proteins (Review). <i>International Journal of Molecular Medicine</i> , 2017, 39, 1063-1071.	1.8	18
20	Analysis of a nanoparticle-enriched fraction of plasma reveals miRNA candidates for Down syndrome pathogenesis. <i>International Journal of Molecular Medicine</i> , 2019, 43, 2303-2318.	1.8	16
21	One-carbon pathway and cognitive skills in children with Down syndrome. <i>Scientific Reports</i> , 2021, 11, 4225.	1.6	15
22	<i>MTHFR</i> C677T polymorphism analysis: A simple, effective restriction enzyme-based method improving previous protocols. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e628.	0.6	14
23	Is the Age of Developmental Milestones a Predictor for Future Development in Down Syndrome?. <i>Brain Sciences</i> , 2021, 11, 655.	1.1	14
24	The transcriptome profile of human trisomy 21 blood cells. <i>Human Genomics</i> , 2021, 15, 25.	1.4	13
25	Human trisomy 21 fibroblasts rescue methotrexate toxic effect after treatment with 5-methyltetrahydrofolate and 5-formyltetrahydrofolate. <i>Journal of Cellular Physiology</i> , 2019, 234, 15010-15024.	2.0	12
26	Structural Characterization of the Highly Restricted Down Syndrome Critical Region on 21q22.13: New <i>KCNJ6</i> and <i>DSCR4</i> Transcript Isoforms. <i>Frontiers in Genetics</i> , 2021, 12, 770359.	1.1	8
27	Genetics and genomics of Down syndrome. <i>International Review of Research in Developmental Disabilities</i> , 2019, , 1-39.	0.6	6
28	Improving mRNA 5' coding sequence determination in the mouse genome. <i>Mammalian Genome</i> , 2014, 25, 149-159.	1.0	4
29	A reassessment of Jackson's checklist and identification of two Down syndrome sub-phenotypes. <i>Scientific Reports</i> , 2022, 12, 3104.	1.6	3
30	Dataset of differential gene expression between total normal human thyroid and histologically normal thyroid adjacent to papillary thyroid carcinoma. <i>Data in Brief</i> , 2019, 24, 103835.	0.5	2
31	Reference quantitative transcriptome dataset for adult <i>Caenorhabditis elegans</i> . <i>Data in Brief</i> , 2019, 25, 104152.	0.5	1