Emanuela V Volpi

List of Publications by Year
in descending order

50 papers	1,819 citations	304602 22 h-index	276775 41 g-index
53 all docs	53 docs citations	53 times ranked	3701 citing authors

#	Article	IF	Citations
1	Patient-specific Alzheimer-like pathology in trisomy 21 cerebral organoids reveals BACE2 as a gene dose-sensitive AD suppressor in human brain. Molecular Psychiatry, 2021, 26, 5766-5788.	4.1	63
2	Obesity, oxidative DNA damage and vitamin D as predictors of genomic instability in children and adolescents. International Journal of Obesity, 2021, 45, 2095-2107.	1.6	8
3	Expression patterns of CD180 in the lymph nodes of patients with chronic lymphocytic leukaemia. British Journal of Haematology, 2021, 195, e131-e134.	1.2	2
4	In vivo modeling of human neuron dynamics and Down syndrome. Science, 2018, 362, .	6.0	87
5	DNA damage in obesity: Initiator, promoter and predictor of cancer. Mutation Research - Reviews in Mutation Research, 2018, 778, 23-37.	2.4	29
6	Whole genome analysis of a schistosomiasis-transmitting freshwater snail. Nature Communications, 2017, 8, 15451.	5.8	216
7	Formamide-Free Fluorescence In Situ Hybridization (FISH). Springer Protocols, 2017, , 135-139.	0.1	2
8	Genome instability in childhood obesity : A conceptual framework for an assessment, intervention and monitoring programme of inflammation and DNA damage in paediatric obesity. International Journal of Food, Nutrition and Public Health, 2017, 9, 1-12.	0.1	0
9	Language impairment in a case of a complex chromosomal rearrangement with a breakpoint downstream of FOXP2. Molecular Cytogenetics, 2015, 8, 36.	0.4	25
10	Author reply. Ophthalmology, 2015, 122, e22.	2.5	0
11	Detailed Phenotypic and Genotypic Characterization of Bietti Crystalline Dystrophy. Ophthalmology, 2014, 121, 1174-1184.	2.5	79
12	Nanofluidics to Enhance Single Molecule DNA Imaging: Detecting Genomic Structural Variation in Humans. Biophysical Journal, 2014, 106, 395a.	0.2	0
13	De novoand rare inherited mutations implicate the transcriptional coregulator TCF20/SPBP in autism spectrum disorder. Journal of Medical Genetics, 2014, 51, 737-747.	1.5	31
14	Fully Streched Single DNA Molecules in a Nanofluidic Chip Show Large-Scale Structural Variation. Biophysical Journal, 2013, 104, 175a.	0.2	14
15	Comparative study of artificial chromosome centromeres in human and murine cells. European Journal of Human Genetics, 2013, 21, 948-956.	1.4	3
16	Comprehensive cytogenomic profile of the in vitro neuronal model SH-SY5Y. Neurogenetics, 2013, 14, 63-70.	0.7	47
17	Integrated view of genome structure and sequence of a single DNA molecule in a nanofluidic device. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4893-4898.	3.3	86
18	Chromosomes and Nuclear Organization in ICF Syndrome. , 2013, , 107-121.		0

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19	High-resolution fish on DNA fibers for low-copy repeats genome architecture studies. Genomics, 2012, 100, 380-386.	1.3	11
20	Structures of Lysenin Reveal a Shared Evolutionary Origin for Pore-Forming Proteins And Its Mode of Sphingomyelin Recognition. Structure, 2012, 20, 1498-1507.	1.6	90
21	An Improved Technique for Chromosomal Analysis of Human ES and iPS Cells. Stem Cell Reviews and Reports, 2011, 7, 471-477.	5.6	42
22	A family with autism and rare copy number variants disrupting the Duchenne/Becker muscular dystrophy gene DMD and TRPM3. Journal of Neurodevelopmental Disorders, 2011, 3, 124-131.	1.5	35
23	Combining M-FISH and Quantum Dot technology for fast chromosomal assignment of transgenic insertions. BMC Biotechnology, 2011, 11, 121.	1.7	7
24	Characterization of a Dominant Cone Degeneration in a Green Fluorescent Proteinâ€“Reporter Mouse with Disruption of Loci Associated with Human Dominant Retinal Dystrophy. , 2011, 52, 6617.		13
25	Functional human artificial chromosomes are generated and stably maintained in human embryonic stem cells. Human Molecular Genetics, 2011, 20, 2905-2913.	1.4	23
26	Perforin activity at membranes leads to invaginations and vesicle formation. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 21016-21021.	3.3	35
27	Fluorescence in situ Hybridization (FISH). Methods in Molecular Biology, 2010, , .	0.4	15
28	Expression Profiling in Progressive Stages of Fumarate-Hydratase Deficiency: The Contribution of Metabolic Changes to Tumorigenesis. Cancer Research, 2010, 70, 9153-9165.	0.4	63
29	Fluorescence in situ Hybridization (FISH) for Genomic Investigations in Rat. Methods in Molecular Biology, 2010, 659, 409-426.	0.4	9
30	A Novel Three-Dimensional Culture System Allows Prolonged Culture of Functional Human Granulosa Cells and Mimics the Ovarian Environment. Tissue Engineering - Part A, 2010, 16, 2063-2073.	1.6	25
31	Altered Intra-Nuclear Organisation of Heterochromatin and Genes in ICF Syndrome. PLoS ONE, 2010, 5, e11364.	1.1	25
32	Severe Insulin Resistance and Intrauterine Growth Deficiency Associated With Haploinsufficiency forINSRandCHN2. Diabetes, 2009, 58, 2954-2961.	0.3	23
33	Mapping of partially overlapping de novo deletions across an autism susceptibility region (AUTS5) in two unrelated individuals affected by developmental delays with communication impairment. American Journal of Medical Genetics, Part A, 2009, 149A, 588-597.	0.7	21
34	HAC stability in murine cells is influenced by nuclear localization and chromatin organization. BMC Cell Biology, 2009, 10, 18.	3.0	8
35	Copy number variation and association analysis of SHANK3 as a candidate gene for autism in the IMGSAC collection. European Journal of Human Genetics, 2009, 17, 1347-1353.	1.4	76
36	FISH glossary: an overview of the fluorescence in situ hybridization technique. BioTechniques, 2008, 45, 385-409.	0.8	148

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37	Endothelial Nox2 Overexpression Potentiates Vascular Oxidative Stress and Hemodynamic Response to Angiotensin II. Circulation Research, 2007, 100, 1016-1025.	2.0	134
38	Replication profile of PCDH11X and PCDH11Y, a gene pair located in the non-pseudoautosomal homologous region Xq21.3/Yp11.2. Chromosome Research, 2007, 15, 485-498.	1.0	8
39	The Leukocyte Receptor Complex in Chicken Is Characterized by Massive Expansion and Diversification of Immunoglobulin-Like Loci. PLoS Genetics, 2006, 2, e73.	1.5	70
40	PCDH11 is X/Y homologous in Homo sapiens but not in Gorilla gorilla and Pan troglodytes. Cytogenetic and Genome Research, 2006, 114, 137-139.	0.6	19
41	An interstitial deletion-insertion involving chromosomes 2p25.3 and Xq27.1, near SOX3, causes X-linked recessive hypoparathyroidism. Journal of Clinical Investigation, 2005, 115, 2822-2831.	3.9	135
42	The leukocyte receptor complex in chicken is characterized by massive expansion and diversification of immunoglobulin-like loci. PLoS Genetics, 2005, preprint, e73.	1.5	0
43	Cohesion, but not too close. Current Biology, 2001, 11, R378.	1.8	14
44	Numerical Abnormalities of Chromosomes 1 and 10 in Endometrial Adenocarcinoma. Cancer Genetics and Cytogenetics, 1998, 107, 37-42.	1.0	8
45	An Integrated Physical and Genetic Map Spanning Chromosome Band 10q24. Genomics, 1997, 43, 85-88.	1.3	22
46	Detailed Physical Analysis of a 1.5-Megabase YAC Contig Containing the MXI1 and ADRA2A Genes. Genomics, 1997, 45, 407-411.	1.3	5
47	Search for neuroblastoma loci: characterization of tumor cell lines that could facilitate their positional cloning. Journal of Neuro-Oncology, 1997, 31, 41-47.	1.4	2
48	More detailed characterization of some of the HL60 karyotypic features by fluorescence in situ hybridization. Cancer Genetics and Cytogenetics, 1996, 87, 103-106.	1.0	12
49	Taxonomic and biogeographic analysis of the Proasellus coxalis-group (crustacea, isopoda, asellidae) in Sicily, with description of Proasellus montalentii n. sp.. Hydrobiologia, 1996, 317, 247-258.	1.0	6
50	Cytogenetic and molecular studies on the neuroblastoma cell line NGP: Identification of a reciprocal t(l;l5) involving the â€œconsensus regionâ€•lp36. I. Genes Chromosomes and Cancer, 1995, 13, 66-71.	1.5	8