B Menten

List of Publications by Year
in descending order

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71 papers	5,047 citations	117571 34 h-index	91828 69 g-index
74 all docs	74 docs citations	74 times ranked	9164 citing authors

#	Article	IF	Citations
1	CRISPR/Cas gene editing in the human germline. Seminars in Cell and Developmental Biology, 2022, 131, 93-107.	2.3	8
2	GENType: all-in-one preimplantation genetic testing by pedigree haplotyping and copy number profiling suitable for third-party reproduction. Human Reproduction, 2022, 37, 1678-1691.	0.4	13
3	TEAD4 regulates trophectoderm differentiation upstream of CDX2 in a GATA3-independent manner in the human preimplantation embryo. Human Reproduction, 2022, 37, 1760-1773.	0.4	13
4	P-457â€ƒSpindle transfer rescues poor embryo development of in vitro matured ovarian tissue oocytes from transgender men. Human Reproduction, 2022, 37, .	0.4	0
5	Comparative analysis of mouse and human preimplantation development following POU5F1 CRISPR/Cas9 targeting reveals interspecies differences. Human Reproduction, 2021, 36, 1242-1252.	0.4	12
6	O-099 TEAD4 regulates trophectoderm differentiation upstream of CDX2 in human preimplantation embryos. Human Reproduction, 2021, 36, .	0.4	0
7	A Reassessment of Copy Number Variations in Congenital Heart Defects: Picturing the Whole Genome. Genes, 2021, 12, 1048.	1.0	6
8	Comparison of the positivity rate of anti-spike and anti-nucleocapsid SARS-CoV-2 IgG in asymptomatic pregnant women. Journal of Obstetrics and Gynaecology, 2021, , 1-2.	0.4	0
9	Germline nuclear transfer in mice may rescue poor embryo development associated with advanced maternal age and early embryo arrest. Human Reproduction, 2020, 35, 1562-1577.	0.4	17
10	A human immune dysregulation syndrome characterized by severe hyperinflammation with a homozygous nonsense Roquin-1 mutation. Nature Communications, 2019, 10, 4779.	5.8	43
11	Extended in vitro culture of human embryos demonstrates the complex nature of diagnosing chromosomal mosaicism from a single trophectoderm biopsy. Human Reproduction, 2019, 34, 758-769.	0.4	93
12	PRC2 loss induces chemoresistance by repressing apoptosis in T cell acute lymphoblastic leukemia. Journal of Experimental Medicine, 2018, 215, 3094-3114.	4.2	37
13	Targeted Genomic Screen Reveals Focal Long Non-Coding RNA Copy Number Alterations in Cancer Cell Lines. Non-coding RNA, 2018, 4, 21.	1.3	5
14	Chromosomal mosaicism in human blastocysts: the ultimate challenge of preimplantation genetic testing?. Human Reproduction, 2018, 33, 1342-1354.	0.4	94
15	Direct comparison of distinct naive pluripotent states in human embryonic stem cells. Nature Communications, 2017, 8, 15055.	5.8	60
16	arrEYE: a customized platform for high-resolution copy number analysis of coding and noncoding regions of known and candidate retinal dystrophy genes and retinal noncoding RNAs. Genetics in Medicine, 2017, 19, 457-466.	1.1	39
17	Implementation of nonâ€invasive prenatal testing by semiconductor sequencing in a genetic laboratory. Prenatal Diagnosis, 2016, 36, 699-707.	1.1	16
18	Zebrafish Collagen Type I: Molecular and Biochemical Characterization of the Major Structural Protein in Bone and Skin. Scientific Reports, 2016, 6, 21540.	1.6	97

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19	Shallow whole genome sequencing is well suited for the detection of chromosomal aberrations in human blastocysts. Fertility and Sterility, 2015, 104, 1276-1285.e1.	0.5	40
20	A de novo POU3F3 Deletion in a Boy with Intellectual Disability and Dysmorphic Features. Molecular Syndromology, 2014, 5, 32-35.	0.3	13
21	ViVar: A Comprehensive Platform for the Analysis and Visualization of Structural Genomic Variation. PLoS ONE, 2014, 9, e113800.	1.1	45
22	Mate pair sequencing for the detection of chromosomal aberrations in patients with intellectual disability and congenital malformations. European Journal of Human Genetics, 2014, 22, 652-659.	1.4	32
23	Exonic Deletions in AUTS2 Cause a Syndromic Form of Intellectual Disability and Suggest a Critical Role for the C Terminus. American Journal of Human Genetics, 2013, 92, 210-220.	2.6	135
24	Complex genetics of radial ray deficiencies: screening of a cohort of 54 patients. Genetics in Medicine, 2013, 15, 195-202.	1.1	15
25	Microhomology-Mediated Mechanisms Underlie Non-Recurrent Disease-Causing Microdeletions of the FOXL2 Gene or Its Regulatory Domain. PLoS Genetics, 2013, 9, e1003358.	1.5	72
26	LNCipedia: a database for annotated human lncRNA transcript sequences and structures. Nucleic Acids Research, 2013, 41, D246-D251.	6.5	488
27	A link between host plant adaptation and pesticide resistance in the polyphagous spider mite Tetranychus urticae. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E113-22.	3.3	347
28	Focal DNA Copy Number Changes in Neuroblastoma Target MYCN Regulated Genes. PLoS ONE, 2013, 8, e52321.	1.1	37
29	17q24.2 microdeletions: a new syndromal entity with intellectual disability, truncal obesity, mood swings and hallucinations. European Journal of Human Genetics, 2012, 20, 534-539.	1.4	28
30	Targeted Expression of Mutated ALK Induces Neuroblastoma in Transgenic Mice. Science Translational Medicine, 2012, 4, 141ra91.	5.8	147
31	Array comparative genomic hybridization in male infertility. Human Reproduction, 2012, 27, 921-929.	0.4	42
32	BDNF and DYRK1A Are Variable and Inversely Correlated in Lymphoblastoid Cell Lines from Down Syndrome Patients. Molecular Neurobiology, 2012, 46, 297-303.	1.9	15
33	Identification of a novel recurrent 1q42.2â€1qter deletion in high risk MYCN single copy 11q deleted neuroblastomas. International Journal of Cancer, 2012, 130, 2599-2606.	2.3	37
34	Isolation of disseminated neuroblastoma cells from bone marrow aspirates for pretreatment risk assessment by array comparative genomic hybridization. International Journal of Cancer, 2012, 130, 1098-1108.	2.3	7
35	Severe Developmental Delay in a Patient with 7p21.1â€“p14.3 Microdeletion Spanning the <i>TWIST</i> Gene and the <i>HOXA</i> Gene Cluster. Molecular Syndromology, 2011, 2, 45-49.	0.3	23
36	Nasal speech and hypothyroidism are common hallmarks of 12q15 microdeletions. European Journal of Human Genetics, 2011, 19, 1032-1037.	1.4	11

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37	Karyotyping, is it Worthwhile in Transsexualism?. Journal of Sexual Medicine, 2011, 8, 475-478.	0.3	37
38	Anti-NMDA-receptor encephalitis in a 3 year old patient with chromosome 6p21.32 microdeletion including the HLA cluster. European Journal of Paediatric Neurology, 2011, 15, 163-166.	0.7	27
39	4q34.1â€“q35.2 deletion in a boy with phenotype resembling 22q11.2 deletion syndrome. European Journal of Pediatrics, 2011, 170, 1465-1470.	1.3	19
40	Applying massive parallel sequencing to molecular diagnosis of Marfan and Loeys-Dietz syndromes. Human Mutation, 2011, 32, 1053-1062.	1.1	71
41	Haploinsufficiency of TAB2 Causes Congenital Heart Defects in Humans. American Journal of Human Genetics, 2010, 86, 839-849.	2.6	97
42	Duplications of the critical Rubinstein-Taybi deletion region on chromosome 16p13.3 cause a novel recognisable syndrome. Journal of Medical Genetics, 2010, 47, 155-161.	1.5	47
43	Developmental delay and connective tissue disorder in four patients sharing a common microdeletion at 6q13-14. Journal of Medical Genetics, 2010, 47, 717-720.	1.5	22
44	Identification of Two Critically Deleted Regions within Chromosome Segment 7q35-q36 in EVI1 Deregulated Myeloid Leukemia Cell Lines. PLoS ONE, 2010, 5, e8676.	1.1	19
45	Disease-Causing 7.4 kb Cis-Regulatory Deletion Disrupting Conserved Non-Coding Sequences and Their Interaction with the FOXL2 Promotor: Implications for Mutation Screening. PLoS Genetics, 2009, 5, e1000522.	1.5	83
46	Array comparative genomic hybridization and flow cytometry analysis of spontaneous abortions and mors in utero samples. BMC Medical Genetics, 2009, 10, 89.	2.1	64
47	Unusual 8p inverted duplication deletion with telomere capture from 8q. European Journal of Medical Genetics, 2009, 52, 31-36.	0.7	26
48	Fourteen new cases contribute to the characterization of the 7q11.23 microduplication syndrome. European Journal of Medical Genetics, 2009, 52, 94-100.	0.7	157
49	The 12q14 microdeletion syndrome: Additional patients and further evidence that HMGA2 is an important genetic determinant for human height. European Journal of Medical Genetics, 2009, 52, 101-107.	0.7	46
50	Extending the phenotype of recurrent rearrangements of 16p11.2: Deletions in mentally retarded patients without autism and in normal individuals. European Journal of Medical Genetics, 2009, 52, 77-87.	0.7	226
51	Challenges for CNV interpretation in clinical molecular karyotyping: Lessons learned from a 1001 sample experience. European Journal of Medical Genetics, 2009, 52, 398-403.	0.7	90
52	Further delineation of the 15q13 microdeletion and duplication syndromes: a clinical spectrum varying from non-pathogenic to a severe outcome. Journal of Medical Genetics, 2009, 46, 511-523.	1.5	250
53	Identification of 2 putative critical segments of 17q gain in neuroblastoma through integrative genomics. International Journal of Cancer, 2008, 122, 1177-1182.	2.3	22
54	Delineation of a critical region on chromosome 18 for the del(18)(q12.2q21.1) syndrome. American Journal of Medical Genetics, Part A, 2008, 146A, 1330-1334.	0.7	28

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55	Recurrent Rearrangements of Chromosome 1q21.1 and Variable Pediatric Phenotypes. New England Journal of Medicine, 2008, 359, 1685-1699.	13.9	663
56	Low-cost dedicated mini-arrays for high-throughput analysis of DNA copy-number alterations in neuroblastoma. Cancer Letters, 2008, 269, 111-116.	3.2	2
57	Osteopoikilosis, short stature and mental retardation as key features of a new microdeletion syndrome on 12q14. Journal of Medical Genetics, 2007, 44, 264-268.	1.5	58
58	Mapping biomedical concepts onto the human genome by mining literature on chromosomal aberrations. Nucleic Acids Research, 2007, 35, 2533-2543.	6.5	27
59	Report of a female patient with mental retardation and tall stature due to a chromosomal rearrangement disrupting the OPHN1 gene on Xq12. European Journal of Medical Genetics, 2007, 50, 446-454.	0.7	16
60	Subtelomeric imbalances in phenotypically normal individuals. Human Mutation, 2007, 28, 958-967.	1.1	72
61	High resolution tiling-path BAC array deletion mapping suggests commonly involved 3p21-p22 tumor suppressor genes in neuroblastoma and more frequent tumors. International Journal of Cancer, 2007, 120, 533-538.	2.3	20
62	ArrayCGHâ€based classification of neuroblastoma into genomic subgroups. Genes Chromosomes and Cancer, 2007, 46, 1098-1108.	1.5	67
63	Translocation-excision-deletion-amplification mechanism leading to nonsyntenic coamplification ofMYC andATBF1. Genes Chromosomes and Cancer, 2006, 45, 107-117.	1.5	47
64	Genome wide measurement of DNA copy number changes in neuroblastoma: dissecting amplicons and mapping losses, gains and breakpoints. Cytogenetic and Genome Research, 2006, 115, 273-282.	0.6	16
65	Emerging patterns of cryptic chromosomal imbalance in patients with idiopathic mental retardation and multiple congenital anomalies: a new series of 140 patients and review of published reports. Journal of Medical Genetics, 2006, 43, 625-633.	1.5	342
66	Familial pericentric inversion of chromosome 18: behavioral abnormalities in patients heterozygous for either the dup(18p)/del(18q) or dup(18q)/del(18p) recombinant chromosome. European Journal of Human Genetics, 2005, 13, 52-58.	1.4	18
67	arrayCGHbase: an analysis platform for comparative genomic hybridization microarrays. BMC Bioinformatics, 2005, 6, 124.	1.2	79
68	Positional and functional mapping of a neuroblastoma differentiation gene on chromosome 11. BMC Genomics, 2005, 6, 97.	1.2	19
69	Molecular Karyotyping: Array CGH Quality Criteria for Constitutional Genetic Diagnosis. Journal of Histochemistry and Cytochemistry, 2005, 53, 413-422.	1.3	141
70	Identification of an unbalanced X-autosome translocation by array CGH in a boy with a syndromic form of chondrodysplasia punctata brachytelephalangic type. European Journal of Medical Genetics, 2005, 48, 301-309.	0.7	18
71	Combined subtractive cDNA cloning and array CGH: an efficient approach for identification of overexpressed genes in DNA amplicons. BMC Genomics, 2004, 5, 11.	1.2	22