Samarth Bhatt

List of Publications by Year in descending order

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39 papers	1,893 citations	471061 17 h-index	329751 37 g-index
41 all docs	41 docs citations	41 times ranked	3694 citing authors

#	Article	IF	Citations
1	Genomic and Genic Deletions of the FOX Gene Cluster on 16q24.1 and Inactivating Mutations of FOXF1 Cause Alveolar Capillary Dysplasia and Other Malformations. American Journal of Human Genetics, 2009, 84, 780-791.	2.6	389
2	Insights into Sex Chromosome Evolution and Aging from the Genome of a Short-Lived Fish. Cell, 2015, 163, 1527-1538.	13.5	251
3	A small recurrent deletion within 15q13.3 is associated with a range of neurodevelopmental phenotypes. Nature Genetics, 2009, 41, 1269-1271.	9.4	171
4	Prenatal Maternal Stress Predicts Methylation of Genes Regulating the Hypothalamicâ€“Pituitaryâ€“Adrenocortical System in Mothers and Newborns in the Democratic Republic of Congo. Child Development, 2016, 87, 61-72.	1.7	160
5	Rare pathogenic microdeletions and tandem duplications are microhomology-mediated and stimulated by local genomic architecture. Human Molecular Genetics, 2009, 18, 3579-3593.	1.4	143
6	Microdeletion and Microduplication Syndromes. Journal of Histochemistry and Cytochemistry, 2012, 60, 346-358.	1.3	137
7	BNDF methylation in mothers and newborns is associated with maternal exposure to war trauma. Clinical Epigenetics, 2017, 9, 68.	1.8	94
8	Chromosome distribution in human sperm â€“ a 3D multicolor banding-study. Molecular Cytogenetics, 2008, 1, 25.	0.4	72
9	Effect of Pet Dogs on Children's Perceived Stress and Cortisol Stress Response. Social Development, 2017, 26, 382-401.	0.8	67
10	Recurrent deletions and reciprocal duplications of 10q11.21q11.23 including CHAT and SLC18A3 are likely mediated by complex low-copy repeats. Human Mutation, 2012, 33, 165-179.	1.1	45
11	Alu-specific microhomology-mediated deletions in CDKL5 in females with early-onset seizure disorder. Neurogenetics, 2009, 10, 363-369.	0.7	44
12	The Human Genome Puzzle — the Role of Copy Number Variation in Somatic Mosaicism. Current Genomics, 2010, 11, 426-431.	0.7	43
13	Heteromorphic variants of chromosome 9. Molecular Cytogenetics, 2013, 6, 14.	0.4	31
14	Rare Robertsonian translocations and meiotic behaviour: sperm FISH analysis of t(13;15) and t(14;15) translocations: A Case Report. Human Reproduction, 2006, 21, 3193-3198.	0.4	28
15	Position of chromosomes 18, 19, 21 and 22 in 3D-preserved interphase nuclei of human and gorilla and white hand gibbon. Molecular Cytogenetics, 2008, 1, 9.	0.4	28
16	Breakpoint mapping and complete analysis of meiotic segregation patterns in three men heterozygous for paracentric inversions. European Journal of Human Genetics, 2009, 17, 44-50.	1.4	21
17	Meiotic segregation of rare Robertsonian translocations: sperm analysis of three t(14q;22q) cases. Human Reproduction, 2006, 21, 1166-1171.	0.4	20
18	Human Ring Chromosomes â€“ New Insights for their Clinical Significance. Balkan Journal of Medical Genetics, 2013, 16, 13-19.	0.5	17

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19	Breakpoint characterization: a new approach for segregation analysis of paracentric inversion in human sperm. Molecular Human Reproduction, 2007, 13, 751-756.	1.3	15
20	Evidence for Correlation of Fragile Sites and Chromosomal Breakpoints in Carriers of Constitutional Balanced Chromosomal Rearrangements. Balkan Journal of Medical Genetics, 2011, 14, 13-6.	0.5	14
21	Chromosomes in a genome-wise order: evidence for metaphase architecture. Molecular Cytogenetics, 2016, 9, 36.	0.4	14
22	Molecular cytogenetic evaluation of the efficacy of photodynamic therapy by indocyanine green in breast adenocarcinoma MCF-7 cells. Photodiagnosis and Photodynamic Therapy, 2013, 10, 194-202.	1.3	10
23	A unique case of a discontinuous duplication 3q26.1-3q28 resulting from a segregation error of a maternal complex chromosomal rearrangement involving an insertion and an inversion. Gene, 2014, 535, 165-169.	1.0	9
24	In vitro cytotoxicity and genotoxicity studies of gold nanoparticles-mediated photo-thermal therapy versus 5-fluorouracil. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	9
25	Inverted Segment Size and the Presence of Recombination Hot Spot Clusters Matter in Sperm Segregation Analysis. Cytogenetic and Genome Research, 2014, 142, 145-149.	0.6	8
26	Human ring chromosomes and small supernumerary marker chromosomesâ€"do they have telomeres?. Chromosome Research, 2012, 20, 825-835.	1.0	7
27	A rare cryptic and complex rearrangement leading to MLL-MLLT10 gene fusion masked by del(10)(p12) in a child with acute monoblastic leukemia (AML-M5). Leukemia Research, 2012, 36, e74-e77.	0.4	7
28	A high complex karyotype involving eleven chromosomes including three novel chromosomal aberrations and monoallelic loss of TP53 in case of follicular lymphoma transformed into B-cell lymphoblastic leukemia. Molecular Cytogenetics, 2016, 9, 91.	0.4	7
29	An unusual T-cell childhood acute lymphoblastic leukemia harboring a yet unreported near-tetraploid karyotype. Molecular Cytogenetics, 2011, 4, 20.	0.4	6
30	Application of BAC-Probes to Visualize Copy Number Variants (CNVs). Methods in Molecular Biology, 2015, 1227, 299-307.	0.4	5
31	Childhood B-cell progenitor acute lymphoblastic leukemia presenting a three-way t(11;12;21)(q14;p13;q22) with a RUNX1 gene signal on chromosome 11. International Journal of Hematology, 2012, 95, 112-114.	0.7	4
32	A Complex Chromosome Rearrangement Involving Four Chromosomes, Nine Breakpoints and a Cryptic 0.6-Mb Deletion in a Boy with Cerebellar Hypoplasia and Defects in Skull Ossification. Cytogenetic and Genome Research, 2013, 141, 317-323.	0.6	4
33	A complex karyotype masked a cryptic variant t(8;21)(q22;q22) in a child with acute myeloid leukemia. Leukemia and Lymphoma, 2011, 52, 1593-1596.	0.6	3
34	A case of childhood T cell acute lymphoblastic leukemia with a complex t(9;9) and homozygous deletion of CDKN2A gene associated with a Philadelphia-positive minor subclone. Blood Cells, Molecules, and Diseases, 2013, 50, 131-133.	0.6	3
35	Aplastic anemia and Klinefelter syndrome. Cancer Genetics and Cytogenetics, 2004, 154, 91-92.	1.0	1
36	Molecular cytogenetics studies reveal unexpected chromosomal inversion as variant of t(12;21)(p13;q22) in child with B-cell precursor acute lymphoblastic leukemia. Leukemia and Lymphoma, 2012, 53, 342-344.	0.6	1

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37	Does positioning of chromosomes 8 and 21 in interphase drive t(8;21) in acute myelogenous leukemia?. BioDiscovery, 2012, , .	0.1	1
38	Three-Dimensional Interphase Analysis Enabled by Suspension FISH. , 2009, , 313-320.		0
39	AG AND CO/AG NANOPARTICLES CYTOTOXICITY AND GENOTOXICITY STUDY ON HEP-2 AND BLOOD LYMPHOCYTES CELLS. , 2015, , 13-30.		0