

Samarth Bhatt

List of Publications by Year in descending order

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Version: 2024-02-01

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	BDNF methylation in mothers and newborns is associated with maternal exposure to war trauma. <i>Clinical Epigenetics</i> , 2017, 9, 68.	1.8	94
2	Effect of Pet Dogs on Children's Perceived Stress and Cortisol Stress Response. <i>Social Development</i> , 2017, 26, 382-401.	0.8	67
3	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. <i>Molecular Cytogenetics</i> , 2016, 9, 91.	0.4	7
4	Prenatal Maternal Stress Predicts Methylation of Genes Regulating the Hypothalamic-Pituitary-Adrenocortical System in Mothers and Newborns in the Democratic Republic of Congo. <i>Child Development</i> , 2016, 87, 61-72.	1.7	160
5	Chromosomes in a genome-wise order: evidence for metaphase architecture. <i>Molecular Cytogenetics</i> , 2016, 9, 36.	0.4	14
6	Insights into Sex Chromosome Evolution and Aging from the Genome of a Short-Lived Fish. <i>Cell</i> , 2015, 163, 1527-1538.	13.5	251
7	In vitro cytotoxicity and genotoxicity studies of gold nanoparticles-mediated photo-thermal therapy versus 5-fluorouracil. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	9
8	Application of BAC-Probes to Visualize Copy Number Variants (CNVs). <i>Methods in Molecular Biology</i> , 2015, 1227, 299-307.	0.4	5
9	AG AND CO/AG NANOPARTICLES CYTOTOXICITY AND GENOTOXICITY STUDY ON HEP-2 AND BLOOD LYMPHOCYTES CELLS. , 2015, , 13-30.		0
10	Inverted Segment Size and the Presence of Recombination Hot Spot Clusters Matter in Sperm Segregation Analysis. <i>Cytogenetic and Genome Research</i> , 2014, 142, 145-149.	0.6	8
11	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. <i>Gene</i> , 2014, 535, 165-169.	1.0	9
12	Heteromorphic variants of chromosome 9. <i>Molecular Cytogenetics</i> , 2013, 6, 14.	0.4	31
13	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. <i>Cytogenetic and Genome Research</i> , 2013, 141, 317-323.	0.6	4
14	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. <i>Blood Cells, Molecules, and Diseases</i> , 2013, 50, 131-133.	0.6	3
15	Molecular cytogenetic evaluation of the efficacy of photodynamic therapy by indocyanine green in breast adenocarcinoma MCF-7 cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2013, 10, 194-202.	1.3	10
16	Human Ring Chromosomes – New Insights for their Clinical Significance. <i>Balkan Journal of Medical Genetics</i> , 2013, 16, 13-19.	0.5	17
17	Microdeletion and Microduplication Syndromes. <i>Journal of Histochemistry and Cytochemistry</i> , 2012, 60, 346-358.	1.3	137
18	Human ring chromosomes and small supernumerary marker chromosomes – do they have telomeres?. <i>Chromosome Research</i> , 2012, 20, 825-835.	1.0	7

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19	Molecular cytogenetics studies reveal unexpected chromosomal inversion as variant of t(12;21)(p13;q22) in child with B-cell precursor acute lymphoblastic leukemia. <i>Leukemia and Lymphoma</i> , 2012, 53, 342-344.	0.6	1
20	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). <i>Leukemia Research</i> , 2012, 36, e74-e77.	0.4	7
21	Recurrent deletions and reciprocal duplications of 10q11.21q11.23 including CHAT and SLC18A3 are likely mediated by complex low-copy repeats. <i>Human Mutation</i> , 2012, 33, 165-179.	1.1	45
22	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. <i>International Journal of Hematology</i> , 2012, 95, 112-114.	0.7	4
23	Does positioning of chromosomes 8 and 21 in interphase drive t(8;21) in acute myelogenous leukemia?. <i>BioDiscovery</i> , 2012, , .	0.1	1
24	A complex karyotype masked a cryptic variant t(8;21)(q22;q22) in a child with acute myeloid leukemia. <i>Leukemia and Lymphoma</i> , 2011, 52, 1593-1596.	0.6	3
25	Evidence for Correlation of Fragile Sites and Chromosomal Breakpoints in Carriers of Constitutional Balanced Chromosomal Rearrangements. <i>Balkan Journal of Medical Genetics</i> , 2011, 14, 13-6.	0.5	14
26	An unusual T-cell childhood acute lymphoblastic leukemia harboring a yet unreported near-tetraploid karyotype. <i>Molecular Cytogenetics</i> , 2011, 4, 20.	0.4	6
27	The Human Genome Puzzle — the Role of Copy Number Variation in Somatic Mosaicism. <i>Current Genomics</i> , 2010, 11, 426-431.	0.7	43
28	Rare pathogenic microdeletions and tandem duplications are microhomology-mediated and stimulated by local genomic architecture. <i>Human Molecular Genetics</i> , 2009, 18, 3579-3593.	1.4	143
29	Alu-specific microhomology-mediated deletions in CDKL5 in females with early-onset seizure disorder. <i>Neurogenetics</i> , 2009, 10, 363-369.	0.7	44
30	Breakpoint mapping and complete analysis of meiotic segregation patterns in three men heterozygous for paracentric inversions. <i>European Journal of Human Genetics</i> , 2009, 17, 44-50.	1.4	21
31	A small recurrent deletion within 15q13.3 is associated with a range of neurodevelopmental phenotypes. <i>Nature Genetics</i> , 2009, 41, 1269-1271.	9.4	171
32	Genomic and Genic Deletions of the FOX Gene Cluster on 16q24.1 and Inactivating Mutations of FOXP1 Cause Alveolar Capillary Dysplasia and Other Malformations. <i>American Journal of Human Genetics</i> , 2009, 84, 780-791.	2.6	389
33	Three-Dimensional Interphase Analysis Enabled by Suspension FISH. , 2009, , 313-320.		0
34	Chromosome distribution in human sperm â€“ a 3D multicolor banding-study. <i>Molecular Cytogenetics</i> , 2008, 1, 25.	0.4	72
35	Position of chromosomes 18, 19, 21 and 22 in 3D-preserved interphase nuclei of human and gorilla and white hand gibbon. <i>Molecular Cytogenetics</i> , 2008, 1, 9.	0.4	28
36	Breakpoint characterization: a new approach for segregation analysis of paracentric inversion in human sperm. <i>Molecular Human Reproduction</i> , 2007, 13, 751-756.	1.3	15

#	ARTICLE	IF	CITATIONS
37	Meiotic segregation of rare Robertsonian translocations: sperm analysis of three t(14q;22q) cases. Human Reproduction, 2006, 21, 1166-1171.	0.4	20
38	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
39	Aplastic anemia and Klinefelter syndrome. Cancer Genetics and Cytogenetics, 2004, 154, 91-92.	1.0	1