

Niels Tommerup

List of Publications by Year in descending order

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277
papers

19,707
citations

20036

63
h-index

14779

131
g-index

283
all docs

283
docs citations

283
times ranked

29321
citing authors

#	ARTICLE	IF	CITATIONS
1	Autosomal sex reversal and campomelic dysplasia are caused by mutations in and around the SRY-related gene SOX9. <i>Cell</i> , 1994, 79, 1111-1120.	13.5	1,417
2	Rubinstein-Taybi syndrome caused by mutations in the transcriptional co-activator CBP. <i>Nature</i> , 1995, 376, 348-351.	13.7	1,140
3	Chromosome instability and immunodeficiency syndrome caused by mutations in a DNA methyltransferase gene. <i>Nature</i> , 1999, 402, 187-191.	13.7	1,056
4	A human phenome-interactome network of protein complexes implicated in genetic disorders. <i>Nature Biotechnology</i> , 2007, 25, 309-316.	9.4	871
5	Ancient human genome sequence of an extinct Palaeo-Eskimo. <i>Nature</i> , 2010, 463, 757-762.	13.7	750
6	Isolation of a candidate gene for Menkes disease that encodes a potential heavy metal binding protein. <i>Nature Genetics</i> , 1993, 3, 14-19.	9.4	708
7	Direct Diagnosis by DNA Analysis of the Fragile X Syndrome of Mental Retardation. <i>New England Journal of Medicine</i> , 1991, 325, 1673-1681.	13.9	642
8	BAP1: a novel ubiquitin hydrolase which binds to the BRCA1 RING finger and enhances BRCA1-mediated cell growth suppression. <i>Oncogene</i> , 1998, 16, 1097-1112.	2.6	636
9	JARID2 regulates binding of the Polycomb repressive complex to target genes in ES cells. <i>Nature</i> , 2010, 464, 306-310.	13.7	499
10	MicroRNA expression in the adult mouse central nervous system. <i>Rna</i> , 2008, 14, 432-444.	1.6	427
11	Deletions of a differentially methylated CpG island at the SNRPN gene define a putative imprinting control region. <i>Nature Genetics</i> , 1994, 8, 52-58.	9.4	418
12	Molecular Identification of a Novel Candidate Sorting Receptor Purified from Human Brain by Receptor-associated Protein Affinity Chromatography. <i>Journal of Biological Chemistry</i> , 1997, 272, 3599-3605.	1.6	368
13	Disruption of the Serine/Threonine Kinase 9 Gene Causes Severe X-Linked Infantile Spasms and Mental Retardation. <i>American Journal of Human Genetics</i> , 2003, 72, 1401-1411.	2.6	265
14	The phenotypic spectrum of <i>SCN8A</i> encephalopathy. <i>Neurology</i> , 2015, 84, 480-489.	1.5	246
15	Molecular Characterization of a Novel Human Hybrid-type Receptor That Binds the Î±2-Macroglobulin Receptor-associated Protein. <i>Journal of Biological Chemistry</i> , 1996, 271, 31379-31383.	1.6	224
16	Recurrent Reciprocal Genomic Rearrangements of 17q12 Are Associated with Renal Disease, Diabetes, and Epilepsy. <i>American Journal of Human Genetics</i> , 2007, 81, 1057-1069.	2.6	222
17	Detection of microRNAs in frozen tissue sections by fluorescence in situ hybridization using locked nucleic acid probes and tyramide signal amplification. <i>Nature Protocols</i> , 2007, 2, 2520-2528.	5.5	221
18	Obstetrical and gynecological complications in fragile X carriers: A multicenter study. <i>American Journal of Medical Genetics Part A</i> , 1994, 51, 400-402.	2.4	202

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19	Assignment of an autosomal sex reversal locus (SRA1) and campomelic dysplasia (CMPD1) to 17q24.3-q25.1. <i>Nature Genetics</i> , 1993, 4, 170-174.	9.4	196
20	Mutations in <i>SYNGAP1</i> Cause Intellectual Disability, Autism, and a Specific Form of Epilepsy by Inducing Haploinsufficiency. <i>Human Mutation</i> , 2013, 34, 385-394.	1.1	196
21	A Functional Link between the Histone Demethylase PHF8 and the Transcription Factor ZNF711 in X-Linked Mental Retardation. <i>Molecular Cell</i> , 2010, 38, 165-178.	4.5	186
22	Single-molecule denaturation mapping of DNA in nanofluidic channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13294-13299.	3.3	183
23	<i>Jarid1b</i> targets genes regulating development and is involved in neural differentiation. <i>EMBO Journal</i> , 2011, 30, 4586-4600.	3.5	183
24	Benign infantile seizures and paroxysmal dyskinesia caused by an <i>SCN8A</i> mutation. <i>Annals of Neurology</i> , 2016, 79, 428-436.	2.8	159
25	The Human Intrinsic Factor-Vitamin B12 Receptor, Cubilin: Molecular Characterization and Chromosomal Mapping of the Gene to 10p Within the Autosomal Recessive Megaloblastic Anemia (MCA1) Region. <i>Blood</i> , 1998, 91, 3593-3600.	0.6	158
26	Autoimmune diseases in women with Turner's Syndrome. <i>Arthritis and Rheumatism</i> , 2010, 62, 658-666.	6.7	147
27	Acute and persistent symptoms in non-hospitalized PCR-confirmed COVID-19 patients. <i>Scientific Reports</i> , 2021, 11, 13153.	1.6	147
28	Truncation of the Down Syndrome Candidate Gene <i>DYRK1A</i> in Two Unrelated Patients with Microcephaly. <i>American Journal of Human Genetics</i> , 2008, 82, 1165-1170.	2.6	145
29	REST-Mediated Recruitment of Polycomb Repressor Complexes in Mammalian Cells. <i>PLoS Genetics</i> , 2012, 8, e1002494.	1.5	140
30	Duplications Involving a Conserved Regulatory Element Downstream of <i>BMP2</i> Are Associated with Brachydactyly Type A2. <i>American Journal of Human Genetics</i> , 2009, 84, 483-492.	2.6	139
31	A balanced chromosomal translocation disrupting <i>ARHGEF9</i> is associated with epilepsy, anxiety, aggression, and mental retardation. <i>Human Mutation</i> , 2009, 30, 61-68.	1.1	131
32	Corpus callosum abnormalities, intellectual disability, speech impairment, and autism in patients with haploinsufficiency of <i>ARID1B</i> . <i>Clinical Genetics</i> , 2012, 82, 248-255.	1.0	126
33	Linkage Mapping in 29 Bardet-Biedl Syndrome Families Confirms Loci in Chromosomal Regions 11q13, 15q22.3-q23, and 16q21. <i>Genomics</i> , 1997, 41, 93-99.	1.3	125
34	Isolation and Fine Mapping of 16 Novel Human Zinc Finger-Encoding cDNAs Identify Putative Candidate Genes for Developmental and Malignant Disorders. <i>Genomics</i> , 1995, 27, 259-264.	1.3	123
35	Genetic and environmental risk factors in congenital heart disease functionally converge in protein networks driving heart development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14035-14040.	3.3	117
36	Mutations in autism susceptibility candidate 2 (<i>AUTS2</i>) in patients with mental retardation. <i>Human Genetics</i> , 2007, 121, 501-509.	1.8	116

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37	High frequency of submicroscopic genomic aberrations detected by tiling path array comparative genome hybridisation in patients with isolated congenital heart disease. <i>Journal of Medical Genetics</i> , 2008, 45, 704-709.	1.5	110
38	Distinct CDH3 mutations cause ectodermal dysplasia, ectrodactyly, macular dystrophy (EEM) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	1.5	108
39	Gene Panel Testing in Epileptic Encephalopathies and Familial Epilepsies. <i>Molecular Syndromology</i> , 2016, 7, 210-219.	0.3	103
40	Haploinsufficiency of TAB2 Causes Congenital Heart Defects in Humans. <i>American Journal of Human Genetics</i> , 2010, 86, 839-849.	2.6	97
41	Haploinsufficiency of novel FOXC1B variants in a patient with severe mental retardation, brain malformations and microcephaly. <i>Human Genetics</i> , 2005, 117, 536-544.	1.8	96
42	The Genetic Basis of the Pierre Robin Sequence. <i>Cleft Palate-Craniofacial Journal</i> , 2006, 43, 155-159.	0.5	95
43	Pierre Robin sequence may be caused by dysregulation of SOX9 and KCNJ2. <i>Journal of Medical Genetics</i> , 2007, 44, 381-386.	1.5	91
44	Disruption of Netrin G1 by a balanced chromosome translocation in a girl with Rett syndrome. <i>European Journal of Human Genetics</i> , 2005, 13, 921-927.	1.4	90
45	Genetic Association Studies in Lumbar Disc Degeneration: A Systematic Review. <i>PLoS ONE</i> , 2012, 7, e49995.	1.1	90
46	Hypomorphic Mutations in PGAP2, Encoding a GPI-Anchor-Remodeling Protein, Cause Autosomal-Recessive Intellectual Disability. <i>American Journal of Human Genetics</i> , 2013, 92, 575-583.	2.6	87
47	Mutations in <i>GABRB3</i> . <i>Neurology</i> , 2017, 88, 483-492.	1.5	87
48	Novel Connexin 43 (GJA1) mutation causes oculo-dento-digital dysplasia with curly hair. <i>American Journal of Medical Genetics Part A</i> , 2004, 127A, 152-157.	2.4	86
49	The small RNA content of human sperm reveals pseudogene-derived piRNAs complementary to protein-coding genes. <i>Rna</i> , 2015, 21, 1085-1095.	1.6	83
50	Assignment of Human Elongation Factor 1± Genes:EEF1AMaps to Chromosome 6q14 andEEF1A2to 20q13.3. <i>Genomics</i> , 1996, 36, 359-361.	1.3	82
51	Comparative genomics beyond sequence-based alignments: RNA structures in the ENCODE regions. <i>Genome Research</i> , 2008, 18, 242-251.	2.4	82
52	Hedgehog signaling in small-cell lung cancer: Frequent in vivo but a rare event in vitro. <i>Lung Cancer</i> , 2006, 52, 281-290.	0.9	80
53	Dissecting spatio-temporal protein networks driving human heart development and related disorders. <i>Molecular Systems Biology</i> , 2010, 6, 381.	3.2	80
54	Genome-wide detection of chromosomal rearrangements, indels, and mutations in circular chromosomes by short read sequencing. <i>Genome Research</i> , 2011, 21, 1388-1393.	2.4	79

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55	Non-random X chromosome inactivation in an affected twin in a monozygotic twin pair discordant for Wiedemann-Beckwith syndrome. <i>American Journal of Medical Genetics Part A</i> , 1995, 56, 210-214.	2.4	76
56	Exclusion of SNRPN as a major determinant of Prader-Willi syndrome by a translocation breakpoint. <i>Nature Genetics</i> , 1996, 12, 452-454.	9.4	74
57	X-Linked mental retardation with fragile X. a pedigree showing transmission by apparently unaffected males and partial expression in female carriers. <i>Human Genetics</i> , 1981, 59, 23-25.	1.8	71
58	Aberrant expression of miRâ€218 and miRâ€204 in human mesial temporal lobe epilepsy and hippocampal sclerosisâ€ Convergence on axonal guidance. <i>Epilepsia</i> , 2014, 55, 2017-2027.	2.6	71
59	The role of <i>SLC2A1</i> mutations in myoclonic astatic epilepsy and absence epilepsy, and the estimated frequency of <i>GLUT1</i> deficiency syndrome. <i>Epilepsia</i> , 2015, 56, e203-8.	2.6	71
60	The identification and functional annotation of RNA structures conserved in vertebrates. <i>Genome Research</i> , 2017, 27, 1371-1383.	2.4	71
61	A familial reciprocal translocation t(3;7) (p21.1;p13) associated with the Greig polysyndactyly-craniofacial anomalies syndrome. <i>American Journal of Medical Genetics Part A</i> , 1983, 16, 313-321.	2.4	68
62	Disruption of the <i>CNTNAP2</i> gene in a t(7;15) translocation family without symptoms of Gilles de la Tourette syndrome. <i>European Journal of Human Genetics</i> , 2007, 15, 711-713.	1.4	68
63	Genome-wide Analysis of <i>CDX2</i> Binding in Intestinal Epithelial Cells (Caco-2). <i>Journal of Biological Chemistry</i> , 2010, 285, 25115-25125.	1.6	68
64	Isolated and syndromic forms of congenital anosmia. <i>Clinical Genetics</i> , 2012, 81, 210-215.	1.0	66
65	Nationwide germline whole genome sequencing of 198 consecutive pediatric cancer patients reveals a high incidence of cancer prone syndromes. <i>PLoS Genetics</i> , 2020, 16, e1009231.	1.5	64
66	Filter-grown TR146 cells as an in vitro model of human buccal epithelial permeability. <i>European Journal of Oral Sciences</i> , 1999, 107, 138-146.	0.7	63
67	Mutations in <i>NRXN1</i> in a family multiply affected with brain disorders; <i>NRXN1</i> mutations and brain disorders. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012, 159B, 354-358.	1.1	63
68	<i>MECP2</i> mutations in Danish patients with Rett syndrome: High frequency of mutations but no consistent correlations with clinical severity or with the X chromosome inactivation pattern. <i>European Journal of Human Genetics</i> , 2001, 9, 178-184.	1.4	61
69	Ciao 1 Is a Novel WD40 Protein That Interacts with the Tumor Suppressor Protein WT1. <i>Journal of Biological Chemistry</i> , 1998, 273, 10880-10887.	1.6	60
70	Translocations Disrupting <i>PHF21A</i> in the Potocki-Shaffer-Syndrome Region Are Associated with Intellectual Disability and Craniofacial Anomalies. <i>American Journal of Human Genetics</i> , 2012, 91, 56-72.	2.6	59
71	Exonâ€disrupting deletions of <i>NRXN1</i> in idiopathic generalized epilepsy. <i>Epilepsia</i> , 2013, 54, 256-264.	2.6	59
72	FISHing with locked nucleic acids (LNA): evaluation of different LNA/DNA mixmers. <i>Molecular and Cellular Probes</i> , 2003, 17, 165-169.	0.9	56

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73	An excess of chromosome 1 breakpoints in male infertility. <i>European Journal of Human Genetics</i> , 2004, 12, 993-1000.	1.4	56
74	Molecular cytogenetic characterization of ring chromosome 15 in three unrelated patients. , 2004, 130A, 340-344.		56
75	Disruptions of the novel KIAA1202 gene are associated with X-linked mental retardation. <i>Human Genetics</i> , 2006, 118, 578-590.	1.8	55
76	Additional chromosomal abnormalities in patients with a previously detected abnormal karyotype, mental retardation, and dysmorphic features. <i>American Journal of Medical Genetics, Part A</i> , 2006, 140A, 2180-2187.	0.7	54
77	Profiling microRNAs in lung tissue from pigs infected with <i>Actinobacillus pleuropneumoniae</i> . <i>BMC Genomics</i> , 2012, 13, 459.	1.2	54
78	Marker X chromosome induction in fibroblasts by FUDR. <i>American Journal of Medical Genetics Part A</i> , 1981, 9, 263-264.	2.4	53
79	Preaxial polydactyly/triphalangeal thumb is associated with changed transcription factor-binding affinity in a family with a novel point mutation in the long-range cis-regulatory element ZRS. <i>European Journal of Human Genetics</i> , 2010, 18, 733-736.	1.4	53
80	Psoriasis Upregulated Phorbol-1 Shares Structural but not Functional Similarity to the mRNA-Editing Protein APOBEC-1. <i>Journal of Investigative Dermatology</i> , 1999, 113, 162-169.	0.3	51
81	LNA-modified oligonucleotides are highly efficient as FISH probes. <i>Cytogenetic and Genome Research</i> , 2004, 107, 32-37.	0.6	51
82	Next-generation sequencing: proof of concept for antenatal prediction of the fetal Kell blood group phenotype from cell-free fetal DNA in maternal plasma. <i>Transfusion</i> , 2013, 53, 2892-2898.	0.8	51
83	Reduced ceramide synthase 2 activity causes progressive myoclonic epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2014, 1, 88-98.	1.7	50
84	Germline Chromothripsis Driven by L1-Mediated Retrotransposition and Alu/Alu Homologous Recombination. <i>Human Mutation</i> , 2016, 37, 385-395.	1.1	50
85	Macroorchidism and fragile X in mentally retarded males. <i>Human Genetics</i> , 1982, 61, 113-117.	1.8	49
86	A neocentromere on human chromosome 3 without detectable α -satellite DNA forms morphologically normal kinetochores. <i>Chromosoma</i> , 1998, 107, 359-365.	1.0	49
87	A zinc-finger gene ZNF141 mapping at 4p16.3/D4S90 is a candidate gene for the Wolf-Hirschhorn (4p-) syndrome. <i>Human Molecular Genetics</i> , 1993, 2, 1571-1575.	1.4	48
88	Mapping of the Human PAWR (par-4) Gene to Chromosome 12q21. <i>Genomics</i> , 1998, 53, 241-243.	1.3	48
89	Genetic instability of cell lines derived from a single human small cell carcinoma of the lung. <i>European Journal of Cancer & Clinical Oncology</i> , 1985, 21, 815-824.	0.9	47
90	The strength of combined cytogenetic and mate-pair sequencing techniques illustrated by a germline chromothripsis rearrangement involving FOXP2. <i>European Journal of Human Genetics</i> , 2014, 22, 338-343.	1.4	46

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91	High resolution comparative genomic hybridisation analysis reveals imbalances in dyschromosomal patients with normal or apparently balanced conventional karyotypes. <i>European Journal of Human Genetics</i> , 2000, 8, 661-668.	1.4	45
92	Dysfunction of the Heteromeric KV7.3/KV7.5 Potassium Channel is Associated with Autism Spectrum Disorders. <i>Frontiers in Genetics</i> , 2013, 4, 54.	1.1	45
93	CHEMOATTRACTION INTETRAHYMENA: ON THE ROLE OF CHEMOKINESIS. <i>Biological Bulletin</i> , 1986, 170, 357-367.	0.7	44
94	Tentative assignment of a locus for Rubinstein-Taybi syndrome to 16p13.3 by a de novo reciprocal translocation, t(7;16)(q34;p13.3). <i>American Journal of Medical Genetics Part A</i> , 1992, 44, 237-241.	2.4	44
95	Breakpoints around the HOXD cluster result in various limb malformations. <i>Journal of Medical Genetics</i> , 2005, 43, 111-118.	1.5	44
96	Mutational analysis of the human FATE gene in 144 infertile men. <i>Human Genetics</i> , 2003, 113, 195-201.	1.8	41
97	Genetic heterogeneity in Pakistani microcephaly families. <i>Clinical Genetics</i> , 2013, 83, 446-451.	1.0	41
98	Sequence assembly. <i>Computational Biology and Chemistry</i> , 2009, 33, 121-136.	1.1	39
99	Identification of human candidate genes for male infertility by digital differential display. <i>Molecular Human Reproduction</i> , 2001, 7, 11-20.	1.3	38
100	Interstitial deletion 9q22.32-q33.2 associated with additional familial translocation t(9;17)(q34.11;p11.2) in a patient with Gorlin-Goltz syndrome and features of Nail-Patella syndrome. , 2004, 124A, 179-191.		38
101	Non-disjunction of chromosome 13. <i>Human Molecular Genetics</i> , 2007, 16, 2004-2010.	1.4	38
102	Deletion of 7q34-q36.2 in two siblings with mental retardation, language delay, primary amenorrhea, and dysmorphic features. <i>American Journal of Medical Genetics, Part A</i> , 2010, 152A, 3115-3119.	0.7	37
103	Loss of function of the retinoid-related nuclear receptor (RORB) gene and epilepsy. <i>European Journal of Human Genetics</i> , 2016, 24, 1761-1770.	1.4	36
104	Sequence Variants in the Human Cocaine and Amphetamine-Regulated Transcript (CART) Gene in Subjects with Early Onset Obesity. <i>Obesity</i> , 1999, 7, 532-536.	4.0	35
105	Tetrasomy 18p de novo: Parental Origin and Different Mechanisms of Formation. <i>European Journal of Human Genetics</i> , 1996, 4, 160-167.	1.4	35
106	Interstitial deletion 13q. Further delineation of the syndrome by clinical and high-resolution chromosome analysis of five patients. <i>American Journal of Medical Genetics Part A</i> , 1988, 29, 739-753.	2.4	34
107	Characterization of a 1.0 Mb YAC contig spanning two chromosome breakpoints related to Menkes disease. <i>Human Molecular Genetics</i> , 1992, 1, 483-489.	1.4	34
108	Haploinsufficiency of CELF4 at 18q12.2 is associated with developmental and behavioral disorders, seizures, eye manifestations, and obesity. <i>European Journal of Human Genetics</i> , 2012, 20, 1315-1319.	1.4	34

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109	RRP7A links primary microcephaly to dysfunction of ribosome biogenesis, resorption of primary cilia, and neurogenesis. <i>Nature Communications</i> , 2020, 11, 5816.	5.8	34
110	Small supernumerary marker chromosomes: A legacy of trisomy rescue?. <i>Human Mutation</i> , 2019, 40, 193-200.	1.1	33
111	The human hedgehog-interacting protein gene: Structure and chromosome mapping to 4q31.21â†’q31.3. <i>Cytogenetic and Genome Research</i> , 2001, 92, 300-303.	0.6	32
112	Delineation of an interstitial 9q22 deletion in basal cell nevus syndrome. , 2005, 132A, 324-328.		32
113	Congenital olfactory impairment is linked to cortical changes in prefrontal and limbic brain regions. <i>Brain Imaging and Behavior</i> , 2018, 12, 1569-1582.	1.1	32
114	Compound heterozygous ASPM mutations in Pakistani MCPH families. <i>American Journal of Medical Genetics, Part A</i> , 2009, 149A, 926-930.	0.7	31
115	The myosin chaperone UNC45B is involved in lens development and autosomal dominant juvenile cataract. <i>European Journal of Human Genetics</i> , 2014, 22, 1290-1297.	1.4	31
116	Accurate Breakpoint Mapping in Apparently Balanced Translocation Families with Discordant Phenotypes Using Whole Genome Mate-Pair Sequencing. <i>PLoS ONE</i> , 2017, 12, e0169935.	1.1	31
117	HOXD13 polyalanine tract expansion in classical synpolydactyly type Vordingborg. <i>American Journal of Medical Genetics Part A</i> , 2002, 110, 116-121.	2.4	30
118	A mutation in the receptor binding site of GDF5 causes Mohr-Wriedt brachydactyly type A2. <i>Journal of Medical Genetics</i> , 2005, 43, 225-231.	1.5	30
119	Metaphase FISH on a Chip: Miniaturized Microfluidic Device for Fluorescence in situ Hybridization. <i>Sensors</i> , 2010, 10, 9831-9846.	2.1	30
120	Genetic linkage of autosomal dominant primary open angle glaucoma to chromosome 3q in a Greek pedigree. <i>European Journal of Human Genetics</i> , 2001, 9, 452-457.	1.4	29
121	Delineation of a 2.2 Mb microdeletion at 5q35 associated with microcephaly and congenital heart disease. <i>American Journal of Medical Genetics, Part A</i> , 2006, 140A, 427-433.	0.7	29
122	Identification of the BRD1 interaction network and its impact on mental disorder risk. <i>Genome Medicine</i> , 2016, 8, 53.	3.6	29
123	Risks and Recommendations in Prenatally Detected De Novo Balanced Chromosomal Rearrangements from Assessment of Long-Term Outcomes. <i>American Journal of Human Genetics</i> , 2018, 102, 1090-1103.	2.6	29
124	Structural genomic variation in childhood epilepsies with complex phenotypes. <i>European Journal of Human Genetics</i> , 2014, 22, 896-901.	1.4	28
125	Replicative and non-replicative mechanisms in the formation of clustered CNVs are indicated by whole genome characterization. <i>PLoS Genetics</i> , 2018, 14, e1007780.	1.5	28
126	Screening of congenital heart disease patients using multiplex ligationâ€dependent probe amplification: Early diagnosis of syndromic patients. <i>American Journal of Medical Genetics, Part A</i> , 2012, 158A, 720-725.	0.7	27

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127	Genome-wide DNA methylation analysis of transient neonatal diabetes type 1 patients with mutations in ZFP57. <i>BMC Medical Genetics</i> , 2016, 17, 29.	2.1	27
128	Localization of the Human Gene for Advanced Glycosylation End Product-Specific Receptor (AGER) to Chromosome 6p21.3. <i>Genomics</i> , 1994, 24, 606-608.	1.3	26
129	Human FATE is a novel X-linked gene expressed in fetal and adult testis. <i>Molecular and Cellular Endocrinology</i> , 2001, 184, 25-32.	1.6	26
130	The Hedgehog signaling pathway – implications for drug targets in cancer and neurodegenerative disorders. <i>Pharmacogenomics</i> , 2003, 4, 411-429.	0.6	26
131	A balanced translocation disrupts <i>SYNGAP1</i> in a patient with intellectual disability, speech impairment, and epilepsy with myoclonic absences (EMA). <i>Epilepsia</i> , 2011, 52, e190-e193.	2.6	26
132	Neurodevelopmental disorders associated with dosage imbalance of <i>ZBTB20</i> correlate with the morbidity spectrum of ZBTB20 candidate target genes. <i>Journal of Medical Genetics</i> , 2014, 51, 605-613.	1.5	26
133	Investigation of deletions at 7q11.23 in 44 patients referred for Williams-Beuren syndrome, using FISH and four DNA polymorphisms. <i>Human Genetics</i> , 1996, 99, 56-61.	1.8	25
134	Subtelomeric study of 132 patients with mental retardation reveals 9 chromosomal anomalies and contributes to the delineation of submicroscopic deletions of 1pter, 2qter, 4pter, 5qter and 9qter. <i>BMC Medical Genetics</i> , 2005, 6, 21.	2.1	25
135	Expression analyses of human cleft palate tissue suggest a role for osteopontin and immune related factors in palatal development. <i>Experimental and Molecular Medicine</i> , 2009, 41, 77.	3.2	25
136	The first mutation in <i>CNGA2</i> in two brothers with anosmia. <i>Clinical Genetics</i> , 2015, 88, 293-296.	1.0	25
137	Prader-Willi syndrome in a brother and sister without cytogenetic or detectable molecular genetic abnormality at chromosome 15q11q13. <i>American Journal of Medical Genetics Part A</i> , 1992, 44, 534-538.	2.4	24
138	Screening of 99 Danish Patients with Congenital Heart Disease for GATA4 Mutations. <i>Genetic Testing and Molecular Biomarkers</i> , 2006, 10, 277-280.	1.7	24
139	High frequency of rare copy number variants affecting functionally related genes in patients with structural brain malformations. <i>Human Mutation</i> , 2011, 32, 1427-1435.	1.1	24
140	Breakpoint Cloning and Haplotype Analysis Indicate a Single Origin of the Common Inv(10)(p11.2q21.2) Mutation among Northern Europeans. <i>American Journal of Human Genetics</i> , 2006, 78, 878-883.	2.6	23
141	Regional differences in expression of specific markers for human embryonic stem cells. <i>Reproductive BioMedicine Online</i> , 2007, 15, 89-98.	1.1	23
142	Global gene expression analysis in fetal mouse ovaries with and without meiosis and comparison of selected genes with meiosis in the testis. <i>Cell and Tissue Research</i> , 2007, 328, 207-221.	1.5	23
143	De novo unbalanced translocations have a complex history/aetiology. <i>Human Genetics</i> , 2018, 137, 817-829.	1.8	23
144	Assignment of Human KH-Box-Containing Genes by in Situ Hybridization: HNRNPK Maps to 9q21.32-q21.33, PCBP1 to 2p12-p13, and PCBP2 to 12q13.12-q13.13, Distal to FRA12A. <i>Genomics</i> , 1996, 32, 297-298.		22

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145	Identification and Characterization of an Inner Ear-Expressed Human Melanoma Inhibitory Activity (MIA)-like Gene (MIAL) with a Frequent Polymorphism That Abolishes Translation. <i>Genomics</i> , 2001, 71, 40-52.	1.3	22
146	Assignment of the Human Genes Encoding 14-3-3 Eta (YWHAH) to 22q12, 14-3-3 Zeta (YWHAZ) to 2p25.1â€“p25.2, and 14-3-3 Beta (YWHAÏ) to 20q13.1 by in Situ Hybridization. <i>Genomics</i> , 1996, 33, 149-150.	1.3	21
147	Occurrence of Cancer in a Cohort of 183 Persons with Constitutional Chromosome 7 Abnormalities. <i>Cancer Genetics and Cytogenetics</i> , 1998, 105, 39-42.	1.0	21
148	A 72-year-old Danish puzzle resolvedâ€”comparative analysis of phenotypes in families with different-sized HOXD13 polyalanine expansions. <i>American Journal of Medical Genetics, Part A</i> , 2005, 138A, 328-339.	0.7	20
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157	Epigenetic remodelling and dysregulation of DLGAP4 is linked with early-onset cerebellar ataxia. <i>Human Molecular Genetics</i> , 2014, 23, 6163-6176.	1.4	19
158	Very short DNA segments can be detected and handled by the repair machinery during germline chromothriptic chromosome reassembly. <i>Human Mutation</i> , 2018, 39, 709-716.	1.1	19
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160	A Cohort of Balanced Reciprocal Translocations Associated with Dyslexia: Identification of Two Putative Candidate Genes at DYX1. <i>Behavior Genetics</i> , 2011, 41, 125-133.	1.4	18
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172	A novel splice site mutation in CEP135 is associated with primary microcephaly in a Pakistani family. <i>Journal of Human Genetics</i> , 2016, 61, 271-273.	1.1	16
173	Second trimester prenatal diagnosis of the fragile X. <i>American Journal of Medical Genetics Part A</i> , 1986, 23, 313-324.	2.4	15
174	Cytogenetically invisible microdeletions involving PITX2 in Rieger syndrome. <i>Clinical Genetics</i> , 2007, 72, 464-470.	1.0	15
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183	Human CCS gene: genomic organization and exclusion as a candidate for amyotrophic lateral sclerosis (ALS). <i>BMC Genetics</i> , 2002, 3, 5.	2.7	13
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188	Genome-Wide Supported Risk Variants in <i>MIR137</i> , <i>CACNA1C</i> , <i>CSMD1</i> , <i>DRD2</i> , and <i>GRM3</i> Contribute to Schizophrenia Susceptibility in Pakistani Population. <i>Psychiatry Investigation</i> , 2017, 14, 687.	0.7	13
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200	Sequence analysis of 17 <i>NRXN1</i> deletions. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2014, 165, 52-61.	1.1	11
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204	Interstitial deletion of chromosome 4p associated with mild mental retardation, epilepsy and polymicrogyria of the left temporal lobe. <i>Clinical Genetics</i> , 2007, 72, 593-598.	1.0	10
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209	Chromosomal studies in familial polyposis coli. <i>Cancer Genetics and Cytogenetics</i> , 1985, 17, 355-357.	1.0	8
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219	Detection of illegitimate rearrangements within the immunoglobulin light chain loci in B cell malignancies using end sequenced probes. <i>Leukemia</i> , 2002, 16, 2148-2155.	3.3	7
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221	Male-to-male transmission in Laurin-Sandrow syndrome and exclusion ofRARBandRARG. <i>American Journal of Medical Genetics, Part A</i> , 2005, 137A, 148-152.	0.7	7
222	Biparental inheritance of chromosomal abnormalities in male twins with non-syndromic mental retardation. <i>European Journal of Medical Genetics</i> , 2011, 54, e383-e388.	0.7	7
223	Automation of a single-DNA molecule stretching device. <i>Review of Scientific Instruments</i> , 2015, 86, 063702.	0.6	7
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225	Interstitial deletion of 14q24.3â€¦32.2 in a male patient with plagiocephaly, BPES features, developmental delay, and congenital heart defects. <i>American Journal of Medical Genetics, Part A</i> , 2011, 155, 203-206.	0.7	6
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229	Identification of triploidy by DA/DAPI staining of trophoblastic interphase nuclei. <i>Placenta</i> , 1985, 6, 363-367.	0.7	5
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249	Multigenic truncation of the semaphorinâ€‘plexin pathway by a germline chromothriptic rearrangement associated with Moebius syndrome. <i>Human Mutation</i> , 2019, 40, 1057-1062.	1.1	4
250	Neurodevelopmental disorder with dysmorphic facies and distal limb anomalies syndrome due to disruption of <i>BPTF</i> in a 35-year-old man initially diagnosed with Silverâ€‘Russell syndrome. <i>Clinical Genetics</i> , 2019, 95, 534-536.	1.0	4
251	Specific staining of 9h in human somatic interphase cells by D 287/170. <i>Human Genetics</i> , 1982, 62, 301-304.	1.8	3
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263	Rare Pathogenic Variants in Genes Implicated in Glutamatergic Neurotransmission Pathway Segregate with Schizophrenia in Pakistani Families. <i>Genes</i> , 2021, 12, 1899.	1.0	2
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269	PCR-based screening of YAC clones without DNA extraction. <i>Technical Tips Online</i> , 1999, 4, 1-3.	0.2	0
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