Thomas Liehr

List of Publications by Year
in descending order

801	13,891	38742	58581
papers	citations	50 h-index	82 g-index

831	831	831	11894
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Somatic homozygous loss of SH2B3, and a non-Robertsonian translocation t(15;21)(q25.3;q22.1) with NTRK3 rearrangement, in an adolescent with progenitor B-cell acute lymphoblastic leukemia with the iAMP21. Cancer Genetics, 2022, 262-263, 16-22.	0.4	0
2	Acute myeloid leukemia due to germline CEBPA mutation in a Syrian family. Molecular Genetics & Genomic Medicine, 2022, 10, e1854.	1.2	4
3	Uniparental disomy is a chromosomic disorder in the first place. Molecular Cytogenetics, 2022, 15, 5.	0.9	13
4	How to Obtain Highâ€Quality Metaphase Spreads for Molecular Cytogenetics. Current Protocols, 2022, 2, e392.	2.9	0
5	Integrating Cytogenetics and Population Genomics: Allopatry and Neo-Sex Chromosomes May Have Shaped the Genetic Divergence in the Erythrinus erythrinus Species Complex (Teleostei,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 0 5	2.8	3
6	The need for recognition of core professional groups in genetics healthcare services in Europe. European Journal of Human Genetics, 2022, 30, 639-640.	2.8	2
7	First Comprehensive Characterization of Phayreâ€™s Leaf-Monkey (Trachypithecus phayrei) Karyotype. Frontiers in Genetics, 2022, 13, 841681.	2.3	0
8	Chromosomal Rearrangements and Origin of the Multiple XX/XY1Y2 Sex Chromosome System in Harttia Species (Siluriformes: Loricariidae). Frontiers in Genetics, 2022, 13, 877522.	2.3	10
9	KMT2A-MLLT1 and the Novel SEC16A-KMT2A in a Cryptic 3-Way Translocation t(9;11;19) Present in an Infant With Acute Lymphoblastic Leukemia. Journal of Pediatric Hematology/Oncology, 2022, 44, e719-e722.	0.6	1
10	Ãœber die Notwendigkeit der Anerkennung von sog. Kernberufsgruppen innerhalb der genetischen Gesundheitsversorgung in Europa. Medizinische Genetik, 2022, 34, 81-83.	0.2	1
11	Microdeletions in 1q21 and 8q12.1 depict two additional molecular subgroups of Silver-Russell syndrome like phenotypes. Molecular Cytogenetics, 2022, 15, 19.	0.9	3
12	Intrachromosomal amplification of <scp>BCR</scp> expressed as homogenously staining region (hsr) in a case of acute myeloid leukemia with <scp>myelodysplasiaâ€related</scp> changes. International Journal of Laboratory Hematology, 2022, 44, 993-994.	1.3	0
13	The Genetic Differentiation of Pyrrhulina (Teleostei, Characiformes) Species is Likely Influenced by Both Geographical Distribution and Chromosomal Rearrangements. Frontiers in Genetics, 2022, 13, .	2.3	2
14	The First Neocentric, Discontinuous, and Complex Small Supernumerary Marker Chromosome Composed of 7 Euchromatic Blocks Derived from 5 Different Chromosomes. Biomedicines, 2022, 10, 1102.	3.2	4
15	Recommendations for whole genome sequencing in diagnostics for rare diseases. European Journal of Human Genetics, 2022, 30, 1017-1021.	2.8	48
16	Erratum zu: Ãœber die Notwendigkeit der Anerkennung von sog. Kernberufsgruppen innerhalb der genetischen Gesundheitsversorgung in Europa. Medizinische Genetik, 2022, 34, 189-191.	0.2	0
17	Evolutionary breakpoint regions and chromosomal remodeling in Harttia (Siluriformes: Loricariidae) species diversification. Genetics and Molecular Biology, 2022, 45, .	1.3	9
18	Analysis and pharmacological modulation of senescence in human epithelial stem cells. Journal of Cellular and Molecular Medicine, 2022, 26, 3977-3994.	3.6	2

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19	Cytogenomics of six human trophoblastic cell lines. Placenta, 2021, 103, 72-75.	1.5	7
20	Chromosomes in the genomic age. Preserving cytogenomic competence of diagnostic genome laboratories. European Journal of Human Genetics, 2021, 29, 541-552.	2.8	19
21	Meiotic synapsis of homeologous chromosomes and mismatch repair protein detection in the parthenogenetic rock lizard Darevskia unisexualis. Molecular Reproduction and Development, 2021, 88, 119-127.	2.0	8
22	Identification of potential novel drug resistance mechanisms by genomic and transcriptomic profiling of colon cancer cells with p53 deletion. Archives of Toxicology, 2021, 95, 959-974.	4.2	6
23	Overview of currently available approaches used in cytogenomics. , 2021, , 11-24.		0
24	Molecular cytogenetics. , 2021, , 35-45.		1
25	Interchromosomal interactions with meaning for disease. , 2021, , 349-356.		1
26	Repetitive elements, heteromorphisms, and copy number variants. , 2021, , 373-388.		1
27	Evidence for multi-copy Mega-NUMTsin the human genome. Nucleic Acids Research, 2021, 49, 1517-1531.	14.5	42
28	Molecular karyotyping. , 2021, , 73-85.		0
29	A definition for cytogenomics - Which also may be called chromosomics. , 2021, , 1-7.		3
30	Nuclear architecture. , 2021, , 297-305.		2
31	Repetitive Elements in Humans. International Journal of Molecular Sciences, 2021, 22, 2072.	4.1	22
32	Cytogenomic characteristics of murine breast cancer cell line JC. Molecular Cytogenetics, 2021, 14, 7.	0.9	1
33	Identification of metastasis-related genes by genomic and transcriptomic studies in murine melanoma. Life Sciences, 2021, 267, 118922.	4.3	4
34	Small supernumerary marker chromosomes derived from chromosome 14 and/or 22. Molecular Cytogenetics, 2021, 14, 13.	0.9	4
35	7p21.3 Together With a 12p13.32 Deletion in a Patient With Microcephalyâ€"Does 12p13.32 Locus Possibly Comprises a Candidate Gene Region for Microcephaly?. Frontiers in Molecular Neuroscience, 2021, 14, 613091.	2.9	2
36	Cytogenomics Unveil Possible Transposable Elements Driving Rearrangements in Chromosomes 2 and 4 of Solea senegalensis. International Journal of Molecular Sciences, 2021, 22, 1614.	4.1	3

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37	High Genetic Diversity despite Conserved Karyotype Organization in the Giant Trahiras from Genus Hoplias (Characiformes, Erythrinidae). Genes, 2021, 12, 252.	2.4	3
38	About classical molecular genetics, cytogenetic and molecular cytogenetic data not considered by Genome Reference Consortium and thus not included in genome browsers like UCSC, Ensembl or NCBI. Molecular Cytogenetics, 2021, 14, 20.	0.9	5
39	The association of three DNA repair genes polymorphisms on the frequency of chromosomal alterations detected by fluorescence in situ hybridization. International Archives of Occupational and Environmental Health, 2021, 94, 1567-1577.	2.3	0
40	Evolution of a Multiple Sex-Chromosome System by Three-Sequential Translocations among Potential Sex-Chromosomes in the Taiwanese Frog Odorrana swinhoana. Cells, 2021, 10, 661.	4.1	9
41	Attrition of X Chromosome Inactivation in Aged Hematopoietic Stem Cells. Stem Cell Reports, 2021, 16, 708-716.	4.8	10
42	Comparative study of four Mystus species (Bagridae, Siluriformes) from Thailand: insights into their karyotypic diversity. Comparative Cytogenetics, 2021, 15, 119-136.	0.8	2
43	Comparative Distribution of Repetitive Sequences in the Karyotypes of Xenopus tropicalis and Xenopus laevis (Anura, Pipidae). Genes, 2021, 12, 617.	2.4	6
44	Comparative study of four Mystus species (Bagridae, Siluriformes) from Thailand: insights into their karyotypic diversity. Comparative Cytogenetics, 2021, 15, 119-136.	0.8	1
45	Non-invasive Prenatal Testing, What Patients Do Not Learn, May Be Due to Lack of Specialist Genetic Training by Gynecologists and Obstetricians?. Frontiers in Genetics, 2021, 12, 682980.	2.3	20
46	Revisiting the Karyotypes of Alligators and Caimans (Crocodylia, Alligatoridae) after a Half-Century Delay: Bridging the Gap in the Chromosomal Evolution of Reptiles. Cells, 2021, 10, 1397.	4.1	9
47	The acrocentric part of der(Y)t(Y;acro)(q12;p1?2) contains D15Z1 sequences in the majority of cases. Human Genome Variation, 2021, 8, 32.	0.7	0
48	Nextâ€generation phenotyping in catâ€eye syndrome based on computerâ€aided facial dysmorphology analysis of normal photographs. Molecular Genetics & Genomic Medicine, 2021, 9, e1785.	1.2	2
49	International System for Human Cytogenetic or Cytogenomic Nomenclature (ISCN): Some Thoughts. Cytogenetic and Genome Research, 2021, 161, 223-224.	1.1	19
50	A supernumerary â€œB-sexâ€•chromosome drives male sex determination in the PachÃ³n cavefish, Astyanax mexicanus. Current Biology, 2021, 31, 4800-4809.e9.	3.9	34
51	About the origin of the acrocentric part of non-acrocentric satellited chromosomes in humans. Research Results in Biomedicine, 2021, 7, 215-219.	0.5	0
52	Adding New Pieces to the Puzzle of Karyotype Evolution in Harttia (Siluriformes, Loricariidae): Investigation of Amazonian Species. Biology, 2021, 10, 922.	2.8	11
53	Identification of novel drug resistance mechanisms by genomic and transcriptomic profiling of glioblastoma cells with mutation-activated EGFR. Life Sciences, 2021, 284, 119601.	4.3	11
54	Classical and molecular cytogenetics of Belontia hasselti (Perciformes: Osphronemidae): Insights into the ZZ/ZW sex chromosome system. Biodiversitas, 2021, 22, .	0.6	2

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55	De novo adult acute myeloid leukemia with two new mutations in juxtatransmembrane domain of the FLT3 gene: a case report. Journal of Medical Case Reports, 2021, 15, 22.	0.8	4
56	Molecular Cytogenetic Characterization of the Murine Melanoma Cell Lines S91 Clone M3 and B16-F1 with Variant B16-4A5. Cytogenetic and Genome Research, 2021, 161, 82-92.	1.1	0
57	Measuring Telomere Length: A Timeline Review on the State-of-Art Techniques. , 2021, , .		0
58	Against the mainstream: exceptional evolutionary stability of ZW sex chromosomes across the fish families Triportheidae and Gasteropelecidae (Teleostei: Characiformes). Chromosome Research, 2021, 29, 391-416.	2.2	11
59	Tracking the Evolutionary Trends Among Small-Size Fishes of the Genus Pyrrhulina (Characiforme,) Tj ETQq1 1 0.784314 rgBT /Overlo 769984.	2.3	6
60	Molecular Cytogenetics in the Era of Chromosomics and Cytogenomic Approaches. Frontiers in Genetics, 2021, 12, 720507.	2.3	10
61	Molecular cytogenetic characterization of the urethane-induced murine lung cell line LA-4 as a model for human squamous cell lung cancer. Molecular and Clinical Oncology, 2021, 16, 9.	1.0	0
62	Cytogenomic Profile of Uterine Leiomyoma: In Vivo vs. In Vitro Comparison. Biomedicines, 2021, 9, 1777.	3.2	4
63	Chromosomal breakpoints in a cohort of head and neck squamous cell carcinoma patients. Genomics, 2020, 112, 297-303.	2.9	9
64	Sex Differences in Diabetes- and TGF-Î²1-Induced Renal Damage. Cells, 2020, 9, 2236.	4.1	24
65	Multiple Sex Chromosomes and Evolutionary Relationships in Amazonian Catfishes: The Outstanding Model of the Genus Harttia (Siluriformes: Loricariidae). Genes, 2020, 11, 1179.	2.4	18
66	Mosaic chromosome 18 anomaly delineated in a child with dysmorphism using a three-pronged cytogenetic techniques approach: a case report. BMC Medical Genomics, 2020, 13, 141.	1.5	1
67	Doxorubicin-Induced Translocation of mtDNA into the Nuclear Genome of Human Lymphocytes Detected Using a Molecular-Cytogenetic Approach. International Journal of Molecular Sciences, 2020, 21, 7690.	4.1	5
68	Molecular Cytogenomic Characterization of the Murine Breast Cancer Cell Lines C-127I, EMT6/P and TA3 Hauschka. International Journal of Molecular Sciences, 2020, 21, 4716.	4.1	8
69	Highly Rearranged Karyotypes and Multiple Sex Chromosome Systems in Armored Catfishes from the Genus Harttia (Teleostei, Siluriformes). Genes, 2020, 11, 1366.	2.4	26
70	Near tetrapoloid karyotype with translocation t(11;14) in a Moroccan patient with amyloid light-chain amyloidosis and multiple myeloma. Leukemia Research Reports, 2020, 14, 100217.	0.4	1
71	An acquired stable variant of a dicentric dic(9;20) and complex karyotype in a Syrian childhood B-acute lymphoblastic leukemia case. Molecular Cytogenetics, 2020, 13, 29.	0.9	1
72	Landscape of snakeâ€™ sex chromosomes evolution spanning 85 MYR reveals ancestry of sequences despite distinct evolutionary trajectories. Scientific Reports, 2020, 10, 12499.	3.3	14

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73	Cytogenomic characterization of three murine malignant mesothelioma tumor cell lines. Molecular Cytogenetics, 2020, 13, 43.	0.9	4
74	Evolution of the parthenogenetic rock lizard hybrid karyotype: Robertsonian translocation between two maternal chromosomes in Darevskia rostombekowi. Chromosoma, 2020, 129, 275-283.	2.2	9
75	A toddler with phylloid-type pigmentary mosaicism and ambiguous genitalia resulting from trisomy 14 induced by a der(Y)t(Y;14). Human Genome Variation, 2020, 7, 28.	0.7	1
76	A new childhood ALL case with an extremely complex karyotype and acute spontaneous tumor lysis syndrome. Molecular Cytogenetics, 2020, 13, 44.	0.9	0
77	The Amazonian Red Side-Necked Turtle Rhinemys rufipes (Spix, 1824) (Testudines, Chelidae) Has a GSD Sex-Determining Mechanism with an Ancient XY Sex Microchromosome System. Cells, 2020, 9, 2088.	4.1	10
78	Low-Level Trisomy 14 Mosaicism: A Carrier of an Isochromosome 14 and a Supernumerary Marker Chromosome 14. Cytogenetic and Genome Research, 2020, 160, 664-670.	1.1	1
79	Revisiting the Karyotype Evolution of Neotropical Boid Snakes: A Puzzle Mediated by Chromosomal Fissions. Cells, 2020, 9, 2268.	4.1	2
80	Small supernumerary marker chromosomes (sSMC) and male infertility: characterization of five new cases, review of the literature, and perspectives. Journal of Assisted Reproduction and Genetics, 2020, 37, 1729-1736.	2.5	6
81	Novel pericentric inversion inv(9)(p23q22.3) in unrelated individuals with fertility problems in the Southeast European population. Journal of Human Genetics, 2020, 65, 783-795.	2.3	6
82	Cytogenetic mechanisms of unisexuality in rock lizards. Scientific Reports, 2020, 10, 8697.	3.3	19
83	Disruption of PCDH10 and TNRC18 Genes due to a Balanced Translocation. Cytogenetic and Genome Research, 2020, 160, 321-328.	1.1	3
84	Application of Tris-HCl Allows the Specific Labeling of Regularly Prepared Chromosomes by CRISPR-FISH. Cytogenetic and Genome Research, 2020, 160, 156-165.	1.1	16
85	Gene clusters related to metamorphosis in Solea senegalensis are highly conserved. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2020, 35, 100706.	1.0	4
86	New Insights Into Chromomere Organization Provided by Lampbrush Chromosome Microdissection and High-Throughput Sequencing. Frontiers in Genetics, 2020, 11, 57.	2.3	13
87	Long-term Culture of EBV-induced Human Lymphoblastoid Cell Lines Reveals Chromosomal Instability. Journal of Histochemistry and Cytochemistry, 2020, 68, 239-251.	2.5	9
88	Algorithm for the diagnosis of patients with neurodevelopmental disorders and suspicion of a genetic syndrome. Archivos Argentinos De Pediatria, 2020, 118, 52-55.	0.2	3
89	An Insight into the Chromosomal Evolution of Lebiasinidae (Teleostei, Characiformes). Genes, 2020, 11, 365.	2.4	12
90	Molecular Cytogenetic Analysis in Freshwater Prawns of the Genus Macrobrachium (Crustacea:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	4.1	9

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91	First interchromosomal insertion in a patient with cerebral and spinal cavernous malformations. Scientific Reports, 2020, 10, 6306.	3.3	4
92	Clinical and biological correlates of the expression of select Polycomb complex genes in Brazilian children with acute promyelocytic leukaemia. British Journal of Haematology, 2020, 189, e245-e248.	2.5	0
93	Molecular cytogenetic pilot study on pleomorphic adenomas of salivary glands. Oncology Letters, 2020, 19, 1125-1130.	1.8	3
94	Complex karyotype with cryptic FUS gene rearrangement and deletion of NR3C1 and VPREB1 genes in childhood Bâ€'cell acute lymphoblastic leukemia: A case report. Oncology Letters, 2020, 19, 2957-2962.	1.8	2
95	Hypermethylation in Gene Promoters Are Induced by Chronic Exposure to Benzene, Toluene, Ethylbenzene and Xylenes. Pakistan Journal of Biological Sciences, 2020, 23, 518-525.	0.5	10
96	Prenatal ultrasonographic manifestations of partial trisomy 12q(12q24.2â†'qter) and partial monosomy 2q (2q37.3â†'qter). Vojnosanitetski Pregled, 2020, 77, 754-757.	0.2	0
97	First chromosome analysis of Thai pufferfish Pao cochinchinensis (Steindachner, 1866). Biodiversitas, 2020, 21, .	0.6	1
98	Comparative chromosomal mapping of microsatellite repeats reveals divergent patterns of accumulation in 12 Siluridae (Teleostei: Siluriformes) species. Genetics and Molecular Biology, 2020, 43, e20200091.	1.3	3
99	Chromosome Architecture Studied byÂHigh-Resolution FISH Banding in Three-Dimensionally Preserved Human Interphase Nuclei. , 2020, , 147-155.		0
100	(Cyto)genomic and epigenetic characterization of BICR 10 cell line and three new established primary human head and neck squamous cell carcinoma cultures. Genes and Genomics, 2019, 41, 1207-1221.	1.4	2
101	Comparative Cytogenetics and Neo-Y Formation in Small-Sized Fish Species of the Genus Pyrrhulina (Characiformes, Lebiasinidae). Frontiers in Genetics, 2019, 10, 678.	2.3	27
102	Genomic Organization of Repetitive DNA Elements and Extensive Karyotype Diversity of Silurid Catfishes (Teleostei: Siluriformes): A Comparative Cytogenetic Approach. International Journal of Molecular Sciences, 2019, 20, 3545.	4.1	7
103	Deciphering the Origin and Evolution of the X1X2Y System in Two Closely-Related Oplegnathus Species (Oplegnathidae and Centrarchiformes). International Journal of Molecular Sciences, 2019, 20, 3571.	4.1	17
104	Evolution of the Proto Sex-Chromosome in Solea senegalensis. International Journal of Molecular Sciences, 2019, 20, 5111.	4.1	13
105	Microdissection and whole chromosome painting confirm karyotype transformation in cryptic species of the Lariophagus distinguendus (FÃ¶rster, 1841) complex (Hymenoptera: Pteromalidae). PLoS ONE, 2019, 14, e0225257.	2.5	9
106	Chromosome Microdissection on Semiâ€Archived Material. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2019, 95, 1285-1288.	1.5	5
107	Extensive Chromosomal Reorganization in Apistogramma Fishes (Cichlidae, Cichlinae) Fits the Complex Evolutionary Diversification of the Genus. International Journal of Molecular Sciences, 2019, 20, 4077.	4.1	6
108	Deciphering the Evolutionary History of Arowana Fishes (Teleostei, Osteoglossiformes,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (Ost Sciences, 2019, 20, 4296.	4.1	17

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109	Interspecific Genetic Differences and Historical Demography in South American Arowanas (Osteoglossiformes, Osteoglossidae, Osteoglossum). Genes, 2019, 10, 693.	2.4	10
110	DNA Copy Number Variations as Markers of Mutagenic Impact. International Journal of Molecular Sciences, 2019, 20, 4723.	4.1	21
111	Breakpoint mapping at nucleotide resolution in X-autosome balanced translocations associated with clinical phenotypes. European Journal of Human Genetics, 2019, 27, 760-771.	2.8	12
112	Chromosomal Evolution and Evolutionary Relationships of Lebiasina Species (Characiformes,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	4.1	23
113	Genome and Phylogenetic Analysis of Genes Involved in the Immune System of Solea senegalensis â€“ Potential Applications in Aquaculture. Frontiers in Genetics, 2019, 10, 529.	2.3	10
114	Detection and Correlation of Single and Concomitant TP53, PTEN, and CDKN2A Alterations in Gliomas. International Journal of Molecular Sciences, 2019, 20, 2658.	4.1	18
115	Analysis of copy number variations induced by ultrashort electron beam radiation in human leukocytes in vitro. Molecular Cytogenetics, 2019, 12, 18.	0.9	8
116	From Human Cytogenetics to Human Chromosomics. International Journal of Molecular Sciences, 2019, 20, 826.	4.1	14
117	Cytogenetics, genomics and biodiversity of the South American and African Arapaimidae fish family (Teleostei, Osteoglossiformes). PLoS ONE, 2019, 14, e0214225.	2.5	21
118	Karyotype diversity and evolutionary trends in the Asian swamp eel Monopterus albus (Synbranchiformes, Synbranchidae): a case of chromosomal speciation?. BMC Evolutionary Biology, 2019, 19, 73.	3.2	27
119	A New Complex Karyotype Involving a <i>KMT2A</i>-r Variant Three-Way Translocation in a Rare Clinical Presentation of a Pediatric Patient with Acute Myeloid Leukemia. Cytogenetic and Genome Research, 2019, 157, 213-219.	1.1	0
120	Regarding the rights and duties of Clinical Laboratory Geneticists in genetic healthcare systems; results of a survey in over 50 countries. European Journal of Human Genetics, 2019, 27, 1168-1174.	2.8	12
121	Chromosomes in the DNA era: Perspectives in diagnostics and research. Medizinische Genetik, 2019, 31, 8-19.	0.2	5
122	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	15
123	Mosaicism: Reason for Normal Phenotypes in Carriers of Small Supernumerary Marker Chromosomes With Known Adverse Outcome. A Systematic Review. Frontiers in Genetics, 2019, 10, 1131.	2.3	21
124	Integrative genetic map of repetitive DNA in the sole Solea senegalensis genome shows a Rex transposon located in a proto-sex chromosome. Scientific Reports, 2019, 9, 17146.	3.3	12
125	Cytogenetics of the small-sized fish, Copeina guttata (Characiformes, Lebiasinidae): Novel insights into the karyotype differentiation of the family. PLoS ONE, 2019, 14, e0226746.	2.5	11
126	Recombinant Chromosomes Resulting From Parental Pericentric Inversionsâ€”Two New Cases and a Review of the Literature. Frontiers in Genetics, 2019, 10, 1165.	2.3	8

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127	Insertional translocation involving an additional nonchromothriptic chromosome in constitutional chromothripsis: Rule or exception?. Molecular Genetics & Genomic Medicine, 2019, 7, e00496.	1.2	13
128	Small supernumerary marker chromosomes: A legacy of trisomy rescue?. Human Mutation, 2019, 40, 193-200.	2.5	33
129	Minimally differentiated acute myeloid leukemia with ring/marker derived from chromosome 7 in a child with Down syndrome. Hematology, Transfusion and Cell Therapy, 2019, 41, 84-87.	0.2	1
130	Leukocyte Nucleus Reveals a Linear Order of Chromosomes Separated in Two Parental Genomes That Favors the Process of Gene Activation. Journal of Histochemistry and Cytochemistry, 2019, 67, 151-158.	2.5	0
131	Heterochromatic regions in Japanese quail chromosomes: comprehensive molecular-cytogenetic characterization and 3D mapping in interphase nucleus. Chromosome Research, 2019, 27, 253-270.	2.2	11
132	Rapid Prenatal Aneuploidy Screening by Fluorescence In Situ Hybridization (FISH). Methods in Molecular Biology, 2019, 1885, 129-137.	0.9	5
133	Macaca arctoides gammaherpesvirus 1 (strain herpesvirus Macaca arctoides): virus sequence, phylogeny and characterisation of virus-transformed macaque and rabbit cell lines. Medical Microbiology and Immunology, 2019, 208, 109-129.	4.8	0
134	Emerging patterns of genome organization in Notopteridae species (Teleostei, Osteoglossiformes) as revealed by Zoo-FISH and Comparative Genomic Hybridization (CGH). Scientific Reports, 2019, 9, 1112.	3.3	17
135	Characterization of RB1 Deletions in Interphase and Metaphase by Molecular Cytogenetics Exemplified in Chronic Lymphatic Leukemia. Methods in Molecular Biology, 2018, 1726, 1-6.	0.9	0
136	Characterization of a complex chromosomal rearrangement involving chromosomes 1, 3, and 4 in a slightly affected male with bad obstetrics history. Journal of Assisted Reproduction and Genetics, 2018, 35, 721-725.	2.5	1
137	Inactivation of AMMECR1 is associated with growth, bone, and heart alterations. Human Mutation, 2018, 39, 281-291.	2.5	15
138	7q11.23 microduplication syndrome: neurophysiological and neuroradiological insights into a rare chromosomal disorder. Journal of Intellectual Disability Research, 2018, 62, 359-370.	2.0	5
139	Molecular approaches identify a cryptic MECOM rearrangement in a child with a rapidly progressive myeloid neoplasm. Cancer Genetics, 2018, 221, 25-30.	0.4	7
140	Unreported combination of rearrangements in a childhood B-cell acute lymphoblastic leukemia case: Coexistence of translocation t(8;14) and monoallelic loss of tumor suppressor gene TP53. Gene Reports, 2018, 10, 66-70.	0.8	0
141	Down syndrome associated childhood myeloid leukemia with yet unreported acquired chromosomal abnormalities and a new potential adverse marker: dup(1)(q25q44). Molecular Cytogenetics, 2018, 11, 22.	0.9	3
142	Chromothripsis Detectable in Small Supernumerary Marker Chromosomes (sSMC) Using Fluorescence In Situ Hybridization (FISH). Methods in Molecular Biology, 2018, 1769, 79-84.	0.9	11
143	Next generation phenotyping in Emanuel and Pallisterâ€Killian syndrome using computerâ€aided facial dysmorphology analysis of <scp>2D</scp> photos. Clinical Genetics, 2018, 93, 378-381.	2.0	46
144	Tracking the evolutionary pathway of sex chromosomes among fishes: characterizing the unique XX/XY1Y2 system in Hoplias malabaricus (Teleostei, Characiformes). Chromosoma, 2018, 127, 115-128.	2.2	35

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145	LaminA/C regulates epigenetic and chromatin architecture changes upon aging of hematopoietic stem cells. Genome Biology, 2018, 19, 189.	8.8	66
146	Evidence for a Robertsonian fusion in Solea senegalensis (Kaup, 1858) revealed by zoo-FISH and comparative genome analysis. BMC Genomics, 2018, 19, 818.	2.8	21
147	A Familial Small Supernumerary Marker Chromosome 15 Associated with Cryptic Mosaicism with Two Different Additional Marker Chromosomes Derived de novo from Chromosome 9: Detailed Case Study and Implications for Recurrent Pregnancy Loss. Cytogenetic and Genome Research, 2018, 156, 179-184.	1.1	3
148	A preliminary integrated genetic map distinguishes every chromosome pair and locates essential genes related to abiotic adaptation of Crassostrea angulata/gigas. BMC Genetics, 2018, 19, 104.	2.7	8
149	Chromosomes of Asian cyprinid fishes: cytogenetic analysis of two representatives of small paleotetraploid tribe Probarbini. Molecular Cytogenetics, 2018, 11, 51.	0.9	7
150	A child with intellectual disability and dysmorphism due to complex ring chromosome 6: identification of molecular mechanism with review of literature. Italian Journal of Pediatrics, 2018, 44, 114.	2.6	3
151	A new adult AML case with an extremely complex karyotype, remission and relapse combined with high hyperdiploidy of a normal chromosome set in secondary AML. BMC Hematology, 2018, 18, 21.	2.6	1
152	Molecular and Cytogenetic Studies in a Child with Burkitt Lymphoma and Ataxia-Telangiectasia Syndrome Harboring MYC Overexpression and Partial Trisomy 8. Annals of Laboratory Medicine, 2018, 38, 63-66.	2.5	2
153	Cytogenetic, genomic, and epigenetic characterization of the HSC-3 tongue cell line with lymph node metastasis. Journal of Oral Science, 2018, 60, 70-81.	1.7	9
154	Complex karyotype including ring chromosome 11 in a patient with acute myeloid leukemia: case report. Sao Paulo Medical Journal, 2018, 136, 361-367.	0.9	4
155	From Chromosomes to Genome: Insights into the Evolutionary Relationships and Biogeography of Old World Knifefishes (Notopteridae; Osteoglossiformes). Genes, 2018, 9, 306.	2.4	17
156	Assessing Skewed X-Chromosome Inactivation. Current Protocols in Human Genetics, 2018, 98, e66.	3.5	2
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