

# Thomas Liehr

## List of Publications by Year in descending order

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Version: 2024-02-01

801  
papers

13,891  
citations

44444

50  
h-index

66518

82  
g-index

831  
all docs

831  
docs citations

831  
times ranked

12889  
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.	0.2	0
2	Acute myeloid leukemia due to germline <i>CEBPA</i> mutation in a Syrian family. Molecular Genetics & Genomic Medicine, 2022, 10, e1854.	0.6	4
3	Uniparental disomy is a chromosomal disorder in the first place. Molecular Cytogenetics, 2022, 15, 5.	0.4	13
4	How to Obtain High-Quality Metaphase Spreads for Molecular Cytogenetics. Current Protocols, 2022, 2, e392.	1.3	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 rgBT1.6 Overlock 10 Tf 50	1.6	10
6	The need for recognition of core professional groups in genetics healthcare services in Europe. European Journal of Human Genetics, 2022, 30, 639-640.	1.4	2
7	First Comprehensive Characterization of Phayre's Leaf-Monkey (Trachypithecus phayrei) Karyotype. Frontiers in Genetics, 2022, 13, 841681.	1.1	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.	1.1	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.	0.3	1
10	Über die Notwendigkeit der Anerkennung von sog. Kernberufsgruppen innerhalb der genetischen Gesundheitsversorgung in Europa. Medizinische Genetik, 2022, 34, 81-83.	0.1	1
11	Microdeletions in 1q21 and 8q12.1 depict two additional molecular subgroups of Silver-Russell syndrome like phenotypes. Molecular Cytogenetics, 2022, 15, 19.	0.4	3
12	Intrachromosomal amplification of <i>BCR</i> expressed as homogenously staining region (hsr) in a case of acute myeloid leukemia with <i>myelodysplasia</i> -related changes. International Journal of Laboratory Hematology, 2022, 44, 993-994.	0.7	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, .	1.1	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.	1.4	4
15	Recommendations for whole genome sequencing in diagnostics for rare diseases. European Journal of Human Genetics, 2022, 30, 1017-1021.	1.4	48
16	Erratum zu: Über die Notwendigkeit der Anerkennung von sog. Kernberufsgruppen innerhalb der genetischen Gesundheitsversorgung in Europa. Medizinische Genetik, 2022, 34, 189-191.	0.1	0
17	Evolutionary breakpoint regions and chromosomal remodeling in Harttia (Siluriformes: Loricariidae) species diversification. Genetics and Molecular Biology, 2022, 45, .	0.6	9
18	Analysis and pharmacological modulation of senescence in human epithelial stem cells. Journal of Cellular and Molecular Medicine, 2022, 26, 3977-3994.	1.6	2

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19	Cytogenomics of six human trophoblastic cell lines. Placenta, 2021, 103, 72-75.	0.7	7
20	Chromosomes in the genomic age. Preserving cytogenomic competence of diagnostic genome laboratories. European Journal of Human Genetics, 2021, 29, 541-552.	1.4	19
21	Meiotic synapsis of homeologous chromosomes and mismatch repair protein detection in the parthenogenetic rock lizard <i>Darevskia unisexualis</i> . Molecular Reproduction and Development, 2021, 88, 119-127.	1.0	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.	1.9	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-NUMTs in the human genome. Nucleic Acids Research, 2021, 49, 1517-1531.	6.5	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.	1.8	22
32	Cytogenomic characteristics of murine breast cancer cell line JC. Molecular Cytogenetics, 2021, 14, 7.	0.4	1
33	Identification of metastasis-related genes by genomic and transcriptomic studies in murine melanoma. Life Sciences, 2021, 267, 118922.	2.0	4
34	Small supernumerary marker chromosomes derived from chromosome 14 and/or 22. Molecular Cytogenetics, 2021, 14, 13.	0.4	4
35	7p21.3 Together With a 12p13.32 Deletion in a Patient With Microcephaly—Does 12p13.32 Locus Possibly Comprise a Candidate Gene Region for Microcephaly?. Frontiers in Molecular Neuroscience, 2021, 14, 613091.	1.4	2
36	Cytogenomics Unveil Possible Transposable Elements Driving Rearrangements in Chromosomes 2 and 4 of <i>Solea senegalensis</i> . International Journal of Molecular Sciences, 2021, 22, 1614.	1.8	3

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37	High Genetic Diversity despite Conserved Karyotype Organization in the Giant Trahiras from Genus <i>Hoplias</i> (Characiformes, Erythrinidae). <i>Genes</i> , 2021, 12, 252.	1.0	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. <i>Molecular Cytogenetics</i> , 2021, 14, 20.	0.4	5
39	The association of three DNA repair genes polymorphisms on the frequency of chromosomal alterations detected by fluorescence in situ hybridization. <i>International Archives of Occupational and Environmental Health</i> , 2021, 94, 1567-1577.	1.1	0
40	Evolution of a Multiple Sex-Chromosome System by Three-Sequential Translocations among Potential Sex-Chromosomes in the Taiwanese Frog <i>Odorrana swinhoana</i> . <i>Cells</i> , 2021, 10, 661.	1.8	9
41	Attrition of X Chromosome Inactivation in Aged Hematopoietic Stem Cells. <i>Stem Cell Reports</i> , 2021, 16, 708-716.	2.3	10
42	Comparative study of four <i>Mystus</i> species (Bagridae, Siluriformes) from Thailand: insights into their karyotypic diversity. <i>Comparative Cytogenetics</i> , 2021, 15, 119-136.	0.3	2
43	Comparative Distribution of Repetitive Sequences in the Karyotypes of <i>Xenopus tropicalis</i> and <i>Xenopus laevis</i> (Anura, Pipidae). <i>Genes</i> , 2021, 12, 617.	1.0	6
44	Comparative study of four <i>Mystus</i> species (Bagridae, Siluriformes) from Thailand: insights into their karyotypic diversity. <i>Comparative Cytogenetics</i> , 2021, 15, 119-136.	0.3	1
45	Non-invasive Prenatal Testing, What Patients Do Not Learn, May Be Due to Lack of Specialist Genetic Training by Gynecologists and Obstetricians?. <i>Frontiers in Genetics</i> , 2021, 12, 682980.	1.1	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. <i>Cells</i> , 2021, 10, 1397.	1.8	9
47	The acrocentric part of der(Y)t(Y;acro)(q12;p12) contains D15Z1 sequences in the majority of cases. <i>Human Genome Variation</i> , 2021, 8, 32.	0.4	0
48	Next-generation phenotyping in cat-eye syndrome based on computer-aided facial dysmorphism analysis of normal photographs. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2021, 9, e1785.	0.6	2
49	International System for Human Cytogenetic or Cytogenomic Nomenclature (ISCN): Some Thoughts. <i>Cytogenetic and Genome Research</i> , 2021, 161, 223-224.	0.6	19
50	A supernumerary B-sex-chromosome drives male sex determination in the Pachón cavefish, <i>Astyanax mexicanus</i> . <i>Current Biology</i> , 2021, 31, 4800-4809.e9.	1.8	34
51	About the origin of the acrocentric part of non-acrocentric satellited chromosomes in humans. <i>Research Results in Biomedicine</i> , 2021, 7, 215-219.	0.2	0
52	Adding New Pieces to the Puzzle of Karyotype Evolution in <i>Harttia</i> (Siluriformes, Loricariidae): Investigation of Amazonian Species. <i>Biology</i> , 2021, 10, 922.	1.3	11
53	Identification of novel drug resistance mechanisms by genomic and transcriptomic profiling of glioblastoma cells with mutation-activated EGFR. <i>Life Sciences</i> , 2021, 284, 119601.	2.0	11
54	Classical and molecular cytogenetics of <i>Belontia hasselti</i> (Perciformes: Osphronemidae): Insights into the ZZ/ZW sex chromosome system. <i>Biodiversitas</i> , 2021, 22, .	0.2	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. <i>Journal of Medical Case Reports</i> , 2021, 15, 22.	0.4	4
56	Molecular Cytogenetic Characterization of the Murine Melanoma Cell Lines S91 Clone M3 and B16-F1 with Variant B16-4A5. <i>Cytogenetic and Genome Research</i> , 2021, 161, 82-92.	0.6	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). <i>Chromosome Research</i> , 2021, 29, 391-416.	1.0	11
59	Tracking the Evolutionary Trends Among Small-Size Fishes of the Genus <i>Pyrrhulina</i> (Characiforme,) Tj ETQq1 1 0.784314 rgBT /Overlook 769984.	1.1	6
60	Molecular Cytogenetics in the Era of Chromosomics and Cytogenomic Approaches. <i>Frontiers in Genetics</i> , 2021, 12, 720507.	1.1	10
61	Molecular cytogenetic characterization of the urethane-induced murine lung cell line LA-4 as a model for human squamous cell lung cancer. <i>Molecular and Clinical Oncology</i> , 2021, 16, 9.	0.4	0
62	Cytogenomic Profile of Uterine Leiomyoma: In Vivo vs. In Vitro Comparison. <i>Biomedicines</i> , 2021, 9, 1777.	1.4	4
63	Chromosomal breakpoints in a cohort of head and neck squamous cell carcinoma patients. <i>Genomics</i> , 2020, 112, 297-303.	1.3	9
64	Sex Differences in Diabetes- and TGF- $\beta$ 1-Induced Renal Damage. <i>Cells</i> , 2020, 9, 2236.	1.8	24
65	Multiple Sex Chromosomes and Evolutionary Relationships in Amazonian Catfishes: The Outstanding Model of the Genus <i>Harttia</i> (Siluriformes: Loricariidae). <i>Genes</i> , 2020, 11, 1179.	1.0	18
66	Mosaic chromosome 18 anomaly delineated in a child with dysmorphism using a three-pronged cytogenetic techniques approach: a case report. <i>BMC Medical Genomics</i> , 2020, 13, 141.	0.7	1
67	Doxorubicin-Induced Translocation of mtDNA into the Nuclear Genome of Human Lymphocytes Detected Using a Molecular-Cytogenetic Approach. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7690.	1.8	5
68	Molecular Cytogenomic Characterization of the Murine Breast Cancer Cell Lines C-127I, EMT6/P and TA3 Hauschka. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4716.	1.8	8
69	Highly Rearranged Karyotypes and Multiple Sex Chromosome Systems in Armored Catfishes from the Genus <i>Harttia</i> (Teleostei, Siluriformes). <i>Genes</i> , 2020, 11, 1366.	1.0	26
70	Near tetraploid karyotype with translocation t(11;14) in a Moroccan patient with amyloid light-chain amyloidosis and multiple myeloma. <i>Leukemia Research Reports</i> , 2020, 14, 100217.	0.2	1
71	An acquired stable variant of a dicentric dic(9;20) and complex karyotype in a Syrian childhood B-acute lymphoblastic leukemia case. <i>Molecular Cytogenetics</i> , 2020, 13, 29.	0.4	1
72	Landscape of snakeâ€™ sex chromosomes evolution spanning 85 MYR reveals ancestry of sequences despite distinct evolutionary trajectories. <i>Scientific Reports</i> , 2020, 10, 12499.	1.6	14

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73	Cytogenomic characterization of three murine malignant mesothelioma tumor cell lines. <i>Molecular Cytogenetics</i> , 2020, 13, 43.	0.4	4
74	Evolution of the parthenogenetic rock lizard hybrid karyotype: Robertsonian translocation between two maternal chromosomes in <i>Darevskia rostombekowi</i> . <i>Chromosoma</i> , 2020, 129, 275-283.	1.0	9
75	A toddler with phylloid-type pigmentary mosaicism and ambiguous genitalia resulting from trisomy 14 induced by a der(Y)t(Y;14). <i>Human Genome Variation</i> , 2020, 7, 28.	0.4	1
76	A new childhood ALL case with an extremely complex karyotype and acute spontaneous tumor lysis syndrome. <i>Molecular Cytogenetics</i> , 2020, 13, 44.	0.4	0
77	The Amazonian Red Side-Necked Turtle <i>Rhinemys rufipes</i> (Spix, 1824) (Testudines, Chelidae) Has a GSD Sex-Determining Mechanism with an Ancient XY Sex Microchromosome System. <i>Cells</i> , 2020, 9, 2088.	1.8	10
78	Low-Level Trisomy 14 Mosaicism: A Carrier of an Isochromosome 14 and a Supernumerary Marker Chromosome 14. <i>Cytogenetic and Genome Research</i> , 2020, 160, 664-670.	0.6	1
79	Revisiting the Karyotype Evolution of Neotropical Boid Snakes: A Puzzle Mediated by Chromosomal Fissions. <i>Cells</i> , 2020, 9, 2268.	1.8	2
80	Small supernumerary marker chromosomes (sSMC) and male infertility: characterization of five new cases, review of the literature, and perspectives. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 1729-1736.	1.2	6
81	Novel pericentric inversion inv(9)(p23q22.3) in unrelated individuals with fertility problems in the Southeast European population. <i>Journal of Human Genetics</i> , 2020, 65, 783-795.	1.1	6
82	Cytogenetic mechanisms of unisexuality in rock lizards. <i>Scientific Reports</i> , 2020, 10, 8697.	1.6	19
83	Disruption of PCDH10 and TNRC18 Genes due to a Balanced Translocation. <i>Cytogenetic and Genome Research</i> , 2020, 160, 321-328.	0.6	3
84	Application of Tris-HCl Allows the Specific Labeling of Regularly Prepared Chromosomes by CRISPR-FISH. <i>Cytogenetic and Genome Research</i> , 2020, 160, 156-165.	0.6	16
85	Gene clusters related to metamorphosis in <i>Solea senegalensis</i> are highly conserved. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 35, 100706.	0.4	4
86	New Insights Into Chromomere Organization Provided by Lampbrush Chromosome Microdissection and High-Throughput Sequencing. <i>Frontiers in Genetics</i> , 2020, 11, 57.	1.1	13
87	Long-term Culture of EBV-induced Human Lymphoblastoid Cell Lines Reveals Chromosomal Instability. <i>Journal of Histochemistry and Cytochemistry</i> , 2020, 68, 239-251.	1.3	9
88	Algorithm for the diagnosis of patients with neurodevelopmental disorders and suspicion of a genetic syndrome. <i>Archivos Argentinos De Pediatría</i> , 2020, 118, 52-55.	0.3	3
89	An Insight into the Chromosomal Evolution of Lebiasinidae (Teleostei, Characiformes). <i>Genes</i> , 2020, 11, 365.	1.0	12
90	Molecular Cytogenetic Analysis in Freshwater Prawns of the Genus <i>Macrobrachium</i> (Crustacea: Tj ETQq0 0 0 rgBT /Qverlock, 10 Tf 50 62	1.8	9

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91	First interchromosomal insertion in a patient with cerebral and spinal cavernous malformations. <i>Scientific Reports</i> , 2020, 10, 6306.	1.6	4
92	Clinical and biological correlates of the expression of select Polycomb complex genes in Brazilian children with acute promyelocytic leukaemia. <i>British Journal of Haematology</i> , 2020, 189, e245-e248.	1.2	0
93	Molecular cytogenetic pilot study on pleomorphic adenomas of salivary glands. <i>Oncology Letters</i> , 2020, 19, 1125-1130.	0.8	3
94	Complex karyotype with cryptic FUS gene rearrangement and deletion of NR3C1 and VPREB1 genes in childhood B-cell acute lymphoblastic leukemia: A case report. <i>Oncology Letters</i> , 2020, 19, 2957-2962.	0.8	2
95	Hypermethylation in Gene Promoters Are Induced by Chronic Exposure to Benzene, Toluene, Ethylbenzene and Xylenes. <i>Pakistan Journal of Biological Sciences</i> , 2020, 23, 518-525.	0.2	10
96	Prenatal ultrasonographic manifestations of partial trisomy 12q(12q24.2â†’qter) and partial monosomy 2q (2q37.3â†’qter). <i>Vojnosanitetski Pregled</i> , 2020, 77, 754-757.	0.1	0
97	First chromosome analysis of Thai pufferfish <i>Pao cochinchinensis</i> (Steindachner, 1866). <i>Biodiversitas</i> , 2020, 21, .	0.2	1
98	Comparative chromosomal mapping of microsatellite repeats reveals divergent patterns of accumulation in 12 Siluridae (Teleostei: Siluriformes) species. <i>Genetics and Molecular Biology</i> , 2020, 43, e20200091.	0.6	3
99	Chromosome Architecture Studied by High-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. <i>Genes and Genomics</i> , 2019, 41, 1207-1221.	0.5	2
101	Comparative Cytogenetics and Neo-Y Formation in Small-Sized Fish Species of the Genus <i>Pyrrhulina</i> (Characiformes, Lebiasinidae). <i>Frontiers in Genetics</i> , 2019, 10, 678.	1.1	27
102	Genomic Organization of Repetitive DNA Elements and Extensive Karyotype Diversity of Silurid Catfishes (Teleostei: Siluriformes): A Comparative Cytogenetic Approach. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3545.	1.8	7
103	Deciphering the Origin and Evolution of the X1X2Y System in Two Closely-Related Oplegnathus Species (Oplegnathidae and Centrarchiformes). <i>International Journal of Molecular Sciences</i> , 2019, 20, 3571.	1.8	17
104	Evolution of the Proto Sex-Chromosome in <i>Solea senegalensis</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 5111.	1.8	13
105	Microdissection and whole chromosome painting confirm karyotype transformation in cryptic species of the <i>Lariophagus distinguendus</i> (Fårster, 1841) complex (Hymenoptera: Pteromalidae). <i>PLoS ONE</i> , 2019, 14, e0225257.	1.1	9
106	Chromosome Microdissection on Semi-Archived Material. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 1285-1288.	1.1	5
107	Extensive Chromosomal Reorganization in <i>Apistogramma</i> Fishes (Cichlidae, Cichlinae) Fits the Complex Evolutionary Diversification of the Genus. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4077.	1.8	6
108	Deciphering the Evolutionary History of Arowana Fishes (Teleostei, Osteoglossiformes). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (Ost Sciences</i> , 2019, 20, 4296.	1.8	17



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109	Interspecific Genetic Differences and Historical Demography in South American Arowanas (Osteoglossiformes, Osteoglossidae, Osteoglossum). <i>Genes</i> , 2019, 10, 693.	1.0	10
110	DNA Copy Number Variations as Markers of Mutagenic Impact. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4723.	1.8	21
111	Breakpoint mapping at nucleotide resolution in X-autosome balanced translocations associated with clinical phenotypes. <i>European Journal of Human Genetics</i> , 2019, 27, 760-771.	1.4	12
112	Chromosomal Evolution and Evolutionary Relationships of Lebiasina Species (Characiformes, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	1.8	23
113	Genome and Phylogenetic Analysis of Genes Involved in the Immune System of <i>Solea senegalensis</i> â€ Potential Applications in Aquaculture. <i>Frontiers in Genetics</i> , 2019, 10, 529.	1.1	10
114	Detection and Correlation of Single and Concomitant TP53, PTEN, and CDKN2A Alterations in Gliomas. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2658.	1.8	18
115	Analysis of copy number variations induced by ultrashort electron beam radiation in human leukocytes in vitro. <i>Molecular Cytogenetics</i> , 2019, 12, 18.	0.4	8
116	From Human Cytogenetics to Human Chromosomics. <i>International Journal of Molecular Sciences</i> , 2019, 20, 826.	1.8	14
117	Cytogenetics, genomics and biodiversity of the South American and African Arapaimidae fish family (Teleostei, Osteoglossiformes). <i>PLoS ONE</i> , 2019, 14, e0214225.	1.1	21
118	Karyotype diversity and evolutionary trends in the Asian swamp eel <i>Monopterus albus</i> (Synbranchiformes, Synbranchidae): a case of chromosomal speciation?. <i>BMC Evolutionary Biology</i> , 2019, 19, 73.	3.2	27
119	A New Complex Karyotype Involving a <b><i>KMT2A</i></b>-Variant Three-Way Translocation in a Rare Clinical Presentation of a Pediatric Patient with Acute Myeloid Leukemia. <i>Cytogenetic and Genome Research</i> , 2019, 157, 213-219.	0.6	0
120	Regarding the rights and duties of Clinical Laboratory Geneticists in genetic healthcare systems; results of a survey in over 50 countries. <i>European Journal of Human Genetics</i> , 2019, 27, 1168-1174.	1.4	12
121	Chromosomes in the DNA era: Perspectives in diagnostics and research. <i>Medizinische Genetik</i> , 2019, 31, 8-19.	0.1	5
122	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	1.4	15
123	Mosaicism: Reason for Normal Phenotypes in Carriers of Small Supernumerary Marker Chromosomes With Known Adverse Outcome. A Systematic Review. <i>Frontiers in Genetics</i> , 2019, 10, 1131.	1.1	21
124	Integrative genetic map of repetitive DNA in the sole <i>Solea senegalensis</i> genome shows a Rex transposon located in a proto-sex chromosome. <i>Scientific Reports</i> , 2019, 9, 17146.	1.6	12
125	Cytogenetics of the small-sized fish, <i>Copeina guttata</i> (Characiformes, Lebiasinidae): Novel insights into the karyotype differentiation of the family. <i>PLoS ONE</i> , 2019, 14, e0226746.	1.1	11
126	Recombinant Chromosomes Resulting From Parental Pericentric Inversionsâ€Two New Cases and a Review of the Literature. <i>Frontiers in Genetics</i> , 2019, 10, 1165.	1.1	8



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127	Insertional translocation involving an additional nonchromothriptic chromosome in constitutional chromothripsis: Rule or exception?. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2019, 7, e00496.	0.6	13
128	Small supernumerary marker chromosomes: A legacy of trisomy rescue?. <i>Human Mutation</i> , 2019, 40, 193-200.	1.1	33
129	Minimally differentiated acute myeloid leukemia with ring/marker derived from chromosome 7 in a child with Down syndrome. <i>Hematology, Transfusion and Cell Therapy</i> , 2019, 41, 84-87.	0.1	1
130	Leukocyte Nucleus Reveals a Linear Order of Chromosomes Separated in Two Parental Genomes That Favors the Process of Gene Activation. <i>Journal of Histochemistry and Cytochemistry</i> , 2019, 67, 151-158.	1.3	0
131	Heterochromatic regions in Japanese quail chromosomes: comprehensive molecular-cytogenetic characterization and 3D mapping in interphase nucleus. <i>Chromosome Research</i> , 2019, 27, 253-270.	1.0	11
132	Rapid Prenatal Aneuploidy Screening by Fluorescence In Situ Hybridization (FISH). <i>Methods in Molecular Biology</i> , 2019, 1885, 129-137.	0.4	5
133	Macaca arctoides gammaherpesvirus 1 (strain herpesvirus Macaca arctoides): virus sequence, phylogeny and characterisation of virus-transformed macaque and rabbit cell lines. <i>Medical Microbiology and Immunology</i> , 2019, 208, 109-129.	2.6	0
134	Emerging patterns of genome organization in Notopteridae species (Teleostei, Osteoglossiformes) as revealed by Zoo-FISH and Comparative Genomic Hybridization (CGH). <i>Scientific Reports</i> , 2019, 9, 1112.	1.6	17
135	Characterization of RB1 Deletions in Interphase and Metaphase by Molecular Cytogenetics Exemplified in Chronic Lymphatic Leukemia. <i>Methods in Molecular Biology</i> , 2018, 1726, 1-6.	0.4	0
136	Characterization of a complex chromosomal rearrangement involving chromosomes 1, 3, and 4 in a slightly affected male with bad obstetrics history. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 721-725.	1.2	1
137	Inactivation of <i>AMMECR1</i> is associated with growth, bone, and heart alterations. <i>Human Mutation</i> , 2018, 39, 281-291.	1.1	15
138	7q11.23 microduplication syndrome: neurophysiological and neuroradiological insights into a rare chromosomal disorder. <i>Journal of Intellectual Disability Research</i> , 2018, 62, 359-370.	1.2	5
139	Molecular approaches identify a cryptic MECOM rearrangement in a child with a rapidly progressive myeloid neoplasm. <i>Cancer Genetics</i> , 2018, 221, 25-30.	0.2	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. <i>Gene Reports</i> , 2018, 10, 66-70.	0.4	0
141	Down syndrome associated childhood myeloid leukemia with yet unreported acquired chromosomal abnormalities and a new potential adverse marker: dup(1)(q25q44). <i>Molecular Cytogenetics</i> , 2018, 11, 22.	0.4	3
142	Chromothripsis Detectable in Small Supernumerary Marker Chromosomes (sSMC) Using Fluorescence In Situ Hybridization (FISH). <i>Methods in Molecular Biology</i> , 2018, 1769, 79-84.	0.4	11
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204	Multiplex FISH and Spectral Karyotyping. <i>Springer Protocols</i> , 2017, , 233-239.	0.1	2
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207	FISH-Microdissection. <i>Springer Protocols</i> , 2017, , 81-100.	0.1	6
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#	ARTICLE	IF	CITATIONS
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