

Fengtang Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4106557/publications.pdf>

Version: 2024-02-01

142
papers

19,261
citations

38742

50
h-index

12597

132
g-index

153
all docs

153
docs citations

153
times ranked

29184
citing authors

#	ARTICLE	IF	CITATIONS
1	Global variation in copy number in the human genome. <i>Nature</i> , 2006, 444, 444-454.	27.8	3,831
2	The zebrafish reference genome sequence and its relationship to the human genome. <i>Nature</i> , 2013, 496, 498-503.	27.8	3,708
3	Massive Genomic Rearrangement Acquired in a Single Catastrophic Event during Cancer Development. <i>Cell</i> , 2011, 144, 27-40.	28.9	2,020
4	Paired-End Mapping Reveals Extensive Structural Variation in the Human Genome. <i>Science</i> , 2007, 318, 420-426.	12.6	1,003
5	Signatures of mutation and selection in the cancer genome. <i>Nature</i> , 2010, 463, 893-898.	27.8	661
6	Human blood vessel organoids as a model of diabetic vasculopathy. <i>Nature</i> , 2019, 565, 505-510.	27.8	500
7	Evolutionary routes and KRAS dosage define pancreatic cancer phenotypes. <i>Nature</i> , 2018, 554, 62-68.	27.8	328
8	Genome Sequencing and Analysis of the Tasmanian Devil and Its Transmissible Cancer. <i>Cell</i> , 2012, 148, 780-791.	28.9	300
9	Shieldin complex promotes DNA end-joining and counters homologous recombination in BRCA1-null cells. <i>Nature Cell Biology</i> , 2018, 20, 954-965.	10.3	291
10	Punctuated bursts in human male demography inferred from 1,244 worldwide Y-chromosome sequences. <i>Nature Genetics</i> , 2016, 48, 593-599.	21.4	273
11	Establishment of porcine and human expanded potential stem cells. <i>Nature Cell Biology</i> , 2019, 21, 687-699.	10.3	261
12	Establishment of mouse expanded potential stem cells. <i>Nature</i> , 2017, 550, 393-397.	27.8	223
13	Copy number variation and evolution in humans and chimpanzees. <i>Genome Research</i> , 2008, 18, 1698-1710.	5.5	215
14	CRISPR/Cas9 somatic multiplex-mutagenesis for high-throughput functional cancer genomics in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13982-13987.	7.1	172
15	Sixteen diverse laboratory mouse reference genomes define strain-specific haplotypes and novel functional loci. <i>Nature Genetics</i> , 2018, 50, 1574-1583.	21.4	169
16	Multiplexed pancreatic genome engineering and cancer induction by transfection-based CRISPR/Cas9 delivery in mice. <i>Nature Communications</i> , 2016, 7, 10770.	12.8	145
17	Transmissible Dog Cancer Genome Reveals the Origin and History of an Ancient Cell Lineage. <i>Science</i> , 2014, 343, 437-440.	12.6	144
18	Adaptive Evolution of UGT2B17 Copy-Number Variation. <i>American Journal of Human Genetics</i> , 2008, 83, 337-346.	6.2	137

#	ARTICLE	IF	CITATIONS
19	Formin Is Associated with Left-Right Asymmetry in the Pond Snail and the Frog. <i>Current Biology</i> , 2016, 26, 654-660.	3.9	135
20	ATM orchestrates the DNA-damage response to counter toxic non-homologous end-joining at broken replication forks. <i>Nature Communications</i> , 2019, 10, 87.	12.8	133
21	Genomic evidence reveals a radiation of placental mammals uninterrupted by the KPg boundary. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7282-E7290.	7.1	119
22	Cross-species chromosome painting among camel, cattle, pig and human: further insights into the putative Cetartiodactyla ancestral karyotype. <i>Chromosome Research</i> , 2007, 15, 499-514.	2.2	110
23	Estimation of rearrangement phylogeny for cancer genomes. <i>Genome Research</i> , 2012, 22, 346-361.	5.5	108
24	Obesity, starch digestion and amylase: association between copy number variants at human salivary (AMY1) and pancreatic (AMY2) amylase genes. <i>Human Molecular Genetics</i> , 2015, 24, 3472-3480.	2.9	105
25	Refined genome-wide comparative map of the domestic horse, donkey and human based on cross-species chromosome painting: insight into the occasional fertility of mules. <i>Chromosome Research</i> , 2004, 12, 65-76.	2.2	102
26	Repeat associated mechanisms of genome evolution and function revealed by the <i>Mus caroli</i> and <i>Mus pahari</i> genomes. <i>Genome Research</i> , 2018, 28, 448-459.	5.5	99
27	Chromosome assembly of large and complex genomes using multiple references. <i>Genome Research</i> , 2018, 28, 1720-1732.	5.5	94
28	Massively Parallel Sequencing Reveals the Complex Structure of an Irradiated Human Chromosome on a Mouse Background in the Tc1 Model of Down Syndrome. <i>PLoS ONE</i> , 2013, 8, e60482.	2.5	93
29	Reciprocal chromosome painting illuminates the history of genome evolution of the domestic cat, dog and human. <i>Chromosome Research</i> , 2000, 8, 393-404.	2.2	92
30	Functional linkage of gene fusions to cancer cell fitness assessed by pharmacological and CRISPR-Cas9 screening. <i>Nature Communications</i> , 2019, 10, 2198.	12.8	92
31	Comparative Chromosome Painting in Mammals: Human and the Indian Muntjac (<i>Muntiacus muntjak</i>) Tj ETQq1 1 0,784314 ggBT /Ov	2.9	90
32	The Origins and Vulnerabilities of Two Transmissible Cancers in Tasmanian Devils. <i>Cancer Cell</i> , 2018, 33, 607-619.e15.	16.8	88
33	Disruption of Mouse Cenpj, a Regulator of Centriole Biogenesis, Phenocopies Seckel Syndrome. <i>PLoS Genetics</i> , 2012, 8, e1003022.	3.5	84
34	Population Structure, Stratification, and Introgression of Human Structural Variation. <i>Cell</i> , 2020, 182, 189-199.e15.	28.9	79
35	Chromosome engineering in zygotes with CRISPR-Cas9. <i>Genesis</i> , 2016, 54, 78-85.	1.6	78
36	Are molecular cytogenetics and bioinformatics suggesting diverging models of ancestral mammalian genomes?. <i>Genome Research</i> , 2006, 16, 306-310.	5.5	73

#	ARTICLE	IF	CITATIONS
37	The proto-oncogene C-KIT maps to canid B-chromosomes. <i>Chromosome Research</i> , 2005, 13, 113-122.	2.2	72
38	Haptoglobin (HP) and Haptoglobin-related protein (HPR) copy number variation, natural selection, and trypanosomiasis. <i>Human Genetics</i> , 2014, 133, 69-83.	3.8	72
39	Frequent somatic transfer of mitochondrial DNA into the nuclear genome of human cancer cells. <i>Genome Research</i> , 2015, 25, 814-824.	5.5	69
40	The pig X and Y Chromosomes: structure, sequence, and evolution. <i>Genome Research</i> , 2016, 26, 130-139.	5.5	69
41	The genome phylogeny of domestic cat, red panda and five mustelid species revealed by comparative chromosome painting and G-banding. <i>Chromosome Research</i> , 2002, 10, 209-222.	2.2	68
42	Multidirectional cross-species painting illuminates the history of karyotypic evolution in Perissodactyla. <i>Chromosome Research</i> , 2008, 16, 89-107.	2.2	68
43	Combinatorial CRISPR screen identifies fitness effects of gene paralogues. <i>Nature Communications</i> , 2021, 12, 1302.	12.8	59
44	Comparative genome maps of the pangolin, hedgehog, sloth, anteater and human revealed by cross-species chromosome painting: further insight into the ancestral karyotype and genome evolution of eutherian mammals. <i>Chromosome Research</i> , 2006, 14, 283-296.	2.2	58
45	Phylogenomics of the genus <i>Mus</i> (Rodentia; Muridae): extensive genome repatterning is not restricted to the house mouse. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2925-2934.	2.6	58
46	Phylogenomics of the dog and fox family (Canidae, Carnivora) revealed by chromosome painting. <i>Chromosome Research</i> , 2008, 16, 129-143.	2.2	58
47	Avian comparative genomics: reciprocal chromosome painting between domestic chicken (<i>Gallus</i>) and <i>Tetraodon lineatus</i> reveals a conserved diploid number. <i>Chromosome Research</i> , 2009, 17, 99-113.	2.2	58
48	A reversible haploid mouse embryonic stem cell biobank resource for functional genomics. <i>Nature</i> , 2017, 550, 114-118.	27.8	58
49	Chromosomal evolution of Arvicolinae (Cricetidae, Rodentia). II. The genome homology of two mole voles (genus <i>Ellobius</i>), the field vole and golden hamster revealed by comparative chromosome painting. <i>Chromosome Research</i> , 2007, 15, 891-897.	2.2	57
50	Use of Flow-Sorted Canine Chromosomes in the Assignment of Canine Linkage, Radiation Hybrid, and Syntenic Groups to Chromosomes: Refinement and Verification of the Comparative Chromosome Map for Dog and Human. <i>Genomics</i> , 2000, 69, 182-195.	2.9	56
51	Comparative Mapping Using Chromosome Sorting and Painting. <i>ILAR Journal</i> , 1998, 39, 68-76.	1.8	55
52	Quantitative Genetics of CTCF Binding Reveal Local Sequence Effects and Different Modes of X-Chromosome Association. <i>PLoS Genetics</i> , 2014, 10, e1004798.	3.5	55
53	Karyotype evolution and phylogenetic relationships of hamsters (Cricetidae, Muroidea, Rodentia) inferred from chromosomal painting and banding comparison. <i>Chromosome Research</i> , 2007, 15, 283-97.	2.2	52
54	Evolution of Genome Organizations of Squirrels (Sciuridae) Revealed by Cross-Species Chromosome Painting. <i>Chromosome Research</i> , 2004, 12, 317-335.	2.2	51

#	ARTICLE	IF	CITATIONS
55	Successful Generation of Human Induced Pluripotent Stem Cell Lines from Blood Samples Held at Room Temperature for up to 48Âhr. <i>Stem Cell Reports</i> , 2015, 5, 660-671.	4.8	51
56	Chromosomal evolution of Arvicolinae (Cricetidae, Rodentia). I. The genome homology of tundra vole, field vole, mouse and golden hamster revealed by comparative chromosome painting. <i>Chromosome Research</i> , 2007, 15, 447-456.	2.2	49
57	Werner Helicase Is a Synthetic-Lethal Vulnerability in Mismatch Repairâ€œDeficient Colorectal Cancer Refractory to Targeted Therapies, Chemotherapy, and Immunotherapy. <i>Cancer Discovery</i> , 2021, 11, 1923-1937.	9.4	48
58	Cross-species chromosome painting in Cetartiodactyla: Reconstructing the karyotype evolution in key phylogenetic lineages. <i>Chromosome Research</i> , 2009, 17, 419-436.	2.2	45
59	Revealing hidden complexities of genomic rearrangements generated with Cas9. <i>Scientific Reports</i> , 2017, 7, 12867.	3.3	45
60	Flying lemurs â€œ The 'flying tree shrews'? Molecular cytogenetic evidence for a Scandentia-Dermoptera sister clade. <i>BMC Biology</i> , 2008, 6, 18.	3.8	44
61	Definition of the zebrafish genome using flow cytometry and cytogenetic mapping. <i>BMC Genomics</i> , 2007, 8, 195.	2.8	43
62	Karyotype evolution in Rhinolophus bats (Rhinolophidae, Chiroptera) illuminated by cross-species chromosome painting and G-banding comparison. <i>Chromosome Research</i> , 2007, 15, 835-848.	2.2	42
63	Evidence for multi-copy Mega-NUMT<i>s</i> in the human genome. <i>Nucleic Acids Research</i> , 2021, 49, 1517-1531.	14.5	42
64	Cross-species chromosome painting unveils cytogenetic signatures for the Eulipotyphla and evidence for the polyphyly of Insectivora. <i>Chromosome Research</i> , 2006, 14, 151-159.	2.2	41
65	Mapping chromosomal homologies between humans and two langurs (<i>Semnopithecus francoisi</i> and <i>S.</i>) Tj ETQq1 1,0,784314 rgBT /O	2.2	40
66	Comparative cytogenetics of bats (Chiroptera): The prevalence of Robertsonian translocations limits the power of chromosomal characters in resolving interfamily phylogenetic relationships. <i>Chromosome Research</i> , 2008, 16, 155-170.	2.2	40
67	Comparative chromosome painting defines the karyotypic relationships among the domestic dog, Chinese raccoon dog and Japanese raccoon dog. <i>Chromosome Research</i> , 2003, 11, 735-740.	2.2	38
68	Chromosomal evolution of Arvicolinae (Cricetidae, Rodentia). III. Karyotype relationships of ten <i>Microtus</i> species. <i>Chromosome Research</i> , 2010, 18, 459-471.	2.2	37
69	Reply to Gatesy and Springer: Claims of homology errors and zombie lineages do not compromise the dating of placental diversification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9433-E9434.	7.1	37
70	PiggyBac transposon tools for recessive screening identify B-cell lymphoma drivers in mice. <i>Nature Communications</i> , 2019, 10, 1415.	12.8	37
71	Phylogenomics of several deer species revealed by comparative chromosome painting with Chinese muntjac paints. <i>Genetica</i> , 2006, 127, 25-33.	1.1	36
72	Neo-sex chromosomes in the black muntjac recapitulate incipient evolution of mammalian sex chromosomes. <i>Genome Biology</i> , 2008, 9, R98.	9.6	36

#	ARTICLE	IF	CITATIONS
73	Reciprocal chromosome painting between three laboratory rodent species. <i>Mammalian Genome</i> , 2006, 17, 1183-1192.	2.2	35
74	Karyotypic evolution and phylogenetic relationships in the order Chiroptera as revealed by G-banding comparison and chromosome painting. <i>Chromosome Research</i> , 2007, 15, 257-67.	2.2	35
75	Evolution of the rapidly mutating human salivary agglutinin gene (<i>DMBT1</i>) and population subsistence strategy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5105-5110.	7.1	35
76	Structural rearrangements generate cell-specific, gene-independent CRISPR-Cas9 loss of fitness effects. <i>Genome Biology</i> , 2019, 20, 27.	8.8	35
77	Use of the Indian Muntjac Idiogram to Align Conserved Chromosomal Segments in Sheep and Human Genomes by Chromosome Painting. <i>Genomics</i> , 1997, 46, 143-147.	2.9	33
78	Chromosome evolution in bears: reconstructing phylogenetic relationships by cross-species chromosome painting. <i>Chromosome Research</i> , 2004, 12, 55-63.	2.2	33
79	ATMIN Is Required for Maintenance of Genomic Stability and Suppression of B Cell Lymphoma. <i>Cancer Cell</i> , 2011, 19, 587-600.	16.8	33
80	A comprehensive molecular cytogenetic analysis of chromosome rearrangements in gibbons. <i>Genome Research</i> , 2012, 22, 2520-2528.	5.5	32
81	Sequence of a Complete Chicken BG Haplotype Shows Dynamic Expansion and Contraction of Two Gene Lineages with Particular Expression Patterns. <i>PLoS Genetics</i> , 2014, 10, e1004417.	3.5	31
82	Chromosome-level genome assembly for giant panda provides novel insights into Carnivora chromosome evolution. <i>Genome Biology</i> , 2019, 20, 267.	8.8	31
83	Chromosome painting between human and loriform prosimians: Evidence for the HSA 7/16 synteny in the primate ancestral karyotype. <i>American Journal of Physical Anthropology</i> , 2006, 129, 250-259.	2.1	29
84	Tracking genome organization in rodents by Zoo-FISH. <i>Chromosome Research</i> , 2008, 16, 261-274.	2.2	29
85	Recurrent Rearrangements of Human Amylase Genes Create Multiple Independent CNV Series. <i>Human Mutation</i> , 2017, 38, 532-539.	2.5	29
86	Generation of diversity by somatic mutation in the <i>C_Tamelus dromedarius</i> cell receptor gamma variable domains. <i>European Journal of Immunology</i> , 2012, 42, 3416-3428.	2.9	27
87	Phylogenomic study of the subfamily Caprinae by cross-species chromosome painting with Chinese muntjac paints. <i>Chromosome Research</i> , 2005, 13, 389-399.	2.2	26
88	Fine Mapping of the Pond Snail Left-Right Asymmetry (Chirality) Locus Using RAD-Seq and Fibre-FISH. <i>PLoS ONE</i> , 2013, 8, e71067.	2.5	26
89	Chromosome painting in Tragulidae facilitates the reconstruction of Ruminantia ancestral karyotype. <i>Chromosome Research</i> , 2011, 19, 531-539.	2.2	25
90	Genetic Basis of Y-Linked Hearing Impairment. <i>American Journal of Human Genetics</i> , 2013, 92, 301-306.	6.2	25

#	ARTICLE	IF	CITATIONS
91	Analysis pipelines for cancer genome sequencing in mice. <i>Nature Protocols</i> , 2020, 15, 266-315.	12.0	25
92	Multiplex Fluorescence In Situ Hybridization and Cross Species Color Banding of a Case of Chronic Myeloid Leukemia in Blastic Crisis with a Complex Philadelphia Translocation. <i>Cancer Genetics and Cytogenetics</i> , 2000, 116, 105-110.	1.0	24
93	Chromosome localization of microsatellite markers in the shrews of the <i>Sorex araneus</i> group. <i>Chromosome Research</i> , 2006, 14, 253-262.	2.2	23
94	Isolation of homozygous mutant mouse embryonic stem cells using a dual selection system. <i>Nucleic Acids Research</i> , 2012, 40, e21-e21.	14.5	21
95	The Malaria-Protective Human Glycophorin Structural Variant DUP4 Shows Somatic Mosaicism and Association with Hemoglobin Levels. <i>American Journal of Human Genetics</i> , 2018, 103, 769-776.	6.2	21
96	Animal Probes and ZOO-FISH. , 2009, , 323-346.		20
97	Integration of molecular cytogenetics, dated molecular phylogeny, and model-based predictions to understand the extreme chromosome reorganization in the Neotropical genus <i>Tonatia</i> (Chiroptera: Tj ETQq1 1 0.784314 rgB/Overlacc		20
98	Chromosomal phylogeny of Vampyressine bats (Chiroptera, Phyllostomidae) with description of two new sex chromosome systems. <i>BMC Evolutionary Biology</i> , 2016, 16, 119.	3.2	20
99	Comparative cytogenetics of human chromosome 3q21.3 reveals a hot spot for ectopic recombination in hominoid evolution. <i>Genomics</i> , 2005, 85, 36-47.	2.9	19
100	Multidirectional chromosome painting substantiates the occurrence of extensive genomic reshuffling within Accipitriformes. <i>BMC Evolutionary Biology</i> , 2015, 15, 205.	3.2	19
101	Rapid Karyotype Evolution in <i>Lasiopodomys</i> Involved at Least Two Autosome " Sex Chromosome Translocations. <i>PLoS ONE</i> , 2016, 11, e0167653.	2.5	19
102	A classification efficiency test of spectral karyotyping and multiplex fluorescence in situ hybridization: Identification of chromosome homologies between <i>Homo sapiens</i> and <i>Hylobates leucogenys</i> . <i>Genes Chromosomes and Cancer</i> , 2001, 31, 65-74.	2.8	18
103	Cross-species color banding in ten cases of myeloid malignancies with complex karyotypes. <i>Genes Chromosomes and Cancer</i> , 2001, 30, 15-24.	2.8	18
104	High-resolution chromosome painting reveals the first genetic signature for the chiropteran suborder Pteropodiformes (Mammalia: Chiroptera). <i>Chromosome Research</i> , 2011, 19, 507-519.	2.2	18
105	A new patient-derived iPSC model for dystroglycanopathies validates a compound that increases glycosylation of α -dystroglycan. <i>EMBO Reports</i> , 2019, 20, e47967.	4.5	18
106	High-density comparative BAC mapping in the black muntjac (<i>Muntiacus crinifrons</i>): Molecular cytogenetic dissection of the origin of MCR 1p+4 in the X1X2Y1Y2Y3 sex chromosome system. <i>Genomics</i> , 2006, 87, 608-615.	2.9	17
107	Integrated genome and transcriptome analyses reveal the mechanism of genome instability in ataxia with oculomotor apraxia 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	16
108	Genomic Alteration in Head and Neck Squamous Cell Carcinoma (HNSCC) Cell Lines Inferred from Karyotyping, Molecular Cytogenetics, and Array Comparative Genomic Hybridization. <i>PLoS ONE</i> , 2016, 11, e0160901.	2.5	15

#	ARTICLE	IF	CITATIONS
109	Phylogenetic Reconstruction by Cross-Species Chromosome Painting and G-Banding in Four Species of Phyllostomini Tribe (Chiroptera, Phyllostomidae) in the Brazilian Amazon: An Independent Evidence for Monophyly. PLoS ONE, 2015, 10, e0122845.	2.5	15
110	Comparative cytogenetic mapping of Sox2 and Sox14 in cichlid fishes and inferences on the genomic organization of both genes in vertebrates. Chromosome Research, 2011, 19, 657-667.	2.2	14
111	Two new cytotypes reinforce that <i>Micronycteris hirsuta</i> Peters, 1869 does not represent a monotypic taxon. BMC Genetics, 2013, 14, 119.	2.7	14
112	A First Generation Comparative Chromosome Map between Guinea Pig (<i>Cavia porcellus</i>) and Humans. PLoS ONE, 2015, 10, e0127937.	2.5	14
113	Optogenetic modeling of human neuromuscular circuits in Duchenne muscular dystrophy with CRISPR and pharmacological corrections. Science Advances, 2021, 7, eabi8787.	10.3	14
114	Quenching autofluorescence in tissue immunofluorescence. Wellcome Open Research, 0, 2, 79.	1.8	14
115	Karyotype of canine soft tissue sarcomas: a multi-colour, multi-species approach to canine chromosome painting. Chromosome Research, 2004, 12, 825-835.	2.2	13
116	Chromosomal rearrangements underlying karyotype differences between Chinese pangolin (<i>Manis tj</i>) and <i>Manis javanica</i> . Chromosome Research, 2009, 17, 321-329.	2.2	12
117	Derivation and maintenance of mouse haploid embryonic stem cells. Nature Protocols, 2019, 14, 1991-2014.	12.0	12
118	Foreword. Chromosome Research, 2008, 16, 1-4.	2.2	11
119	Cross-species chromosome painting in bats from Madagascar: the contribution of Myzopodidae to revealing ancestral synteny in Chiroptera. Chromosome Research, 2010, 18, 635-653.	2.2	11
120	Generation and Characterisation of a Pax8-CreERT2 Transgenic Line and a Slc22a6-CreERT2 Knock-In Line for Inducible and Specific Genetic Manipulation of Renal Tubular Epithelial Cells. PLoS ONE, 2016, 11, e0148055.	2.5	11
121	Integrated Comparative Genome Maps and Their Implications for Karyotype Evolution of Carnivores. , 2004, , 215-224.		11
122	Flow analysis and sorting of microchromosomes (<3 Mb). Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2007, 71A, 410-413.	1.5	10
123	Expansion of the HSFY gene family in pig lineages. BMC Genomics, 2015, 16, 442.	2.8	10
124	Karyotype Evolution and Phylogenetic Relationships of <i>Cricetulus sokolovi</i> Orlov et Malygin 1988 (<i>Cricetidae</i> , <i>Rodentia</i>) Inferred from Chromosomal Painting and Molecular Data. Cytogenetic and Genome Research, 2017, 152, 65-72.	1.1	10
125	Chromosome painting without competitor DNA. Technical Tips Online, 1997, 2, 6-7.	0.2	9
126	Cloning and chromosomal localization of human WIG-1/PAG608 and demonstration of amplification with increased expression in primary squamous cell carcinoma of the lung. Cancer Letters, 2001, 174, 179-187.	7.2	9

#	ARTICLE	IF	CITATIONS
127	Genome-wide comparative chromosome maps of <i>Arvicola amphibius</i> , <i>Dicrostonyx torquatus</i> , and <i>Myodes rutilus</i> . <i>Chromosome Research</i> , 2016, 24, 145-159.	2.2	9
128	Copy number variation arising from gene conversion on the human Y chromosome. <i>Human Genetics</i> , 2018, 137, 73-83.	3.8	9
129	Expanded potential stem cell media as a tool to study human developmental hematopoiesis in vitro. <i>Experimental Hematology</i> , 2019, 76, 1-12.e5.	0.4	9
130	Evolutionary and functional analysis of RBMY1 gene copy number variation on the human Y chromosome. <i>Human Molecular Genetics</i> , 2019, 28, 2785-2798.	2.9	9
131	Birth, expansion, and death of VCY-containing palindromes on the human Y chromosome. <i>Genome Biology</i> , 2019, 20, 207.	8.8	8
132	Chromosomal painting of the sandpiper (<i>Actitis macularius</i>) detects several fissions for the Scolopacidae family (Charadriiformes). <i>Bmc Ecology and Evolution</i> , 2021, 21, 8.	1.6	8
133	Structural variation of the malaria-associated human glycoporphin A-B-E region. <i>BMC Genomics</i> , 2020, 21, 446.	2.8	7
134	Analysis of multiple chromosomal rearrangements in the genome of <i>Willisornis vidua</i> using BAC-FISH and chromosome painting on a supposed conserved karyotype. <i>Bmc Ecology and Evolution</i> , 2021, 21, 34.	1.6	7
135	Comparative genomic analysis links karyotypic evolution with genomic evolution in the Indian Muntjac (<i>Muntiacus muntjak vaginalis</i>). <i>Chromosoma</i> , 2006, 115, 427-436.	2.2	6
136	Chromosome painting in <i>Glyphorhynchus spirurus</i> (Vieillot, 1819) detects a new fission in Passeriformes. <i>PLoS ONE</i> , 2018, 13, e0202040.	2.5	6
137	Comparative chromosome painting. , 2000, , 259-265.		5
138	Karyotypic Evolution in Malagasy Flying Foxes (Pteropodidae, Chiroptera) and Their Hipposiderid Relatives as Determined by Comparative Chromosome Painting. <i>Cytogenetic and Genome Research</i> , 2016, 148, 185-198.	1.1	4
139	Multicolor Fluorescence In Situ Hybridization (FISH) Approaches for Simultaneous Analysis of the Entire Human Genome. <i>Current Protocols in Human Genetics</i> , 2018, 99, e70.	3.5	4
140	Construction, Characterization, and Chromosomal Mapping of a Fosmid Library of the White-Cheeked Gibbon (<i>Nomascus leucogenys</i>). <i>Genomics, Proteomics and Bioinformatics</i> , 2007, 5, 207-215.	6.9	3
141	Animal Probes and ZOO-FISH. <i>Springer Protocols</i> , 2017, , 395-415.	0.3	3
142	Robertsonian translocation (8;14) in an infertile bitch (<i>Canis familiaris</i>). <i>Journal of Applied Genetics</i> , 2003, 44, 525-7.	1.9	3