

Malcolm A Ferguson-Smith

List of Publications by Year in descending order

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Version: 2024-02-01

164
papers

10,898
citations

50170

46
h-index

31759

101
g-index

165
all docs

165
docs citations

165
times ranked

8019
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative chromosome maps between the stone curlew and three ciconiiform species (the grey) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 302	0.7	4
2	Chromosomal evolution of tribe Oryzomyini (Rodentia: Cricetidae: Sigmodontinae). Mammalian Biology, 2022, 102, 441-464.	0.8	3
3	The emergence of a new sex-system (XX/X ₁ Y ₁ Y ₂) suggests a species complex in the "æmonotypic" rodent <i>Oecomys auyantepui</i> (Rodentia, Sigmodontinae). Scientific Reports, 2022, 12, .	1.6	1
4	Cytotaxonomy of <i>Gallinula melanops</i> (Gruiformes, Rallidae): Karyotype evolution and phylogenetic inference. Genetics and Molecular Biology, 2021, 44, e20200241.	0.6	4
5	Human cytogenetics at Johns Hopkins Hospital, 1959"1962. American Journal of Medical Genetics, Part A, 2021, 185, 3236-3241.	0.7	3
6	New Data on Comparative Cytogenetics of the Mouse-Like Hamsters (<i>Calomyscus</i> Thomas, 1905) from Iran and Turkmenistan. Genes, 2021, 12, 964.	1.0	6
7	Whole-chromosome fusions in the karyotype evolution of <i>Sceloporus</i> (Iguania, Reptilia) are more frequent in sex chromosomes than autosomes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200099.	1.8	12
8	Victor McKusick and his role in the founding of the European School of Genetic Medicine. American Journal of Medical Genetics, Part A, 2021, 185, 3253-3258.	0.7	2
9	An 8.22 Mb Assembly and Annotation of the Alpaca (<i>Vicugna pacos</i>) Y Chromosome. Genes, 2021, 12, 105.	1.0	2
10	Comparative chromosome painting in <i>Spizaetus tyrannus</i> and <i>Gallus gallus</i> with the use of macro- and microchromosome probes. PLoS ONE, 2021, 16, e0259905.	1.1	1
11	Chromosomal evolution and phylogenetic considerations in cuckoos (<i>Aves</i> , Cuculiformes,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 302	1.1	4
12	A Comprehensive Cytogenetic Analysis of Several Members of the Family Columbidae (<i>Aves</i> ,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	1.0	8
13	Phylogenetic Analysis and Karyotype Evolution in Two Species of Core Gruiformes: <i>Aramides cajaneus</i> and <i>Psophia viridis</i> . Genes, 2020, 11, 307.	1.0	6
14	Extensive chromosomal fissions and repetitive DNA accumulation shaped the atypical karyotypes of two Ramphastidae (<i>Aves</i> : Piciformes) species. Biological Journal of the Linnean Society, 2020, 130, 839-849.	0.7	9
15	Hybridization between subterranean tuco-tucos (Rodentia, Ctenomyidae) with contrasting phylogenetic positions. Scientific Reports, 2020, 10, 1502.	1.6	13
16	Complex Structure of <i>Lasiopodomys mandarinus vinogradovi</i> Sex Chromosomes, Sex Determination, and Intraspecific Autosomal Polymorphism. Genes, 2020, 11, 374.	1.0	9
17	Novel insights into chromosome evolution of Charadriiformes: extensive genomic reshuffling in the wattled jacana (<i>Jacana jacana</i> , Charadriiformes, Jacanidae). Genetics and Molecular Biology, 2020, 43, e20190236.	0.6	10
18	Comparative analyses of three swallow species (<i>Aves</i> , Passeriformes, Hirundinidae): Insights on karyotype evolution and genomic organization. Genetics and Molecular Biology, 2020, 43, e20190232.	0.6	1

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19	Comparative chromosome painting in hummingbirds (Trochilidae). <i>Genetics and Molecular Biology</i> , 2020, 43, e20200162.	0.6	2
20	The molecular cytogenetic characterization of <i>Conopophaga lineata</i> indicates a common chromosome rearrangement in the Parvorder Furnariida (Aves, Passeriformes). <i>Genetics and Molecular Biology</i> , 2020, 43, e20200018.	0.6	2
21	Revising the Chromosome-Specific Probes of White Hawk (<i>Leucopternis albicollis</i>). , 2020, 76, .		0
22	Chromosomal evolution and phylogenetic considerations in cuckoos (Aves, Cuculiformes.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td</i>		
23	Chromosomal evolution and phylogenetic considerations in cuckoos (Aves, Cuculiformes.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>		
24	Chromosomal evolution and phylogenetic considerations in cuckoos (Aves, Cuculiformes.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td</i>		
25	Chromosomal evolution and phylogenetic considerations in cuckoos (Aves, Cuculiformes.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>		
26	First report on B chromosome content in a reptilian species: the case of <i>Anolis carolinensis</i> . <i>Molecular Genetics and Genomics</i> , 2019, 294, 13-21.	1.0	11
27	Comparative Chromosome Painting in Two Brazilian Stork Species with Different Diploid Numbers. <i>Cytogenetic and Genome Research</i> , 2019, 159, 32-38.	0.6	7
28	Conserved sex chromosomes and karyotype evolution in monitor lizards (Varanidae). <i>Heredity</i> , 2019, 123, 215-227.	1.2	48
29	Genetic Content of the Neo-Sex Chromosomes in <i>Ctenonotus</i> and <i>Norops</i> (Squamata, Dactyloidae) and Degeneration of the Y Chromosome as Revealed by High-Throughput Sequencing of Individual Chromosomes. <i>Cytogenetic and Genome Research</i> , 2019, 157, 115-122.	0.6	16
30	Chromosome Translocations as a Driver of Diversification in Mole Voles <i>Ellobius</i> (Rodentia.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td</i>	1.8	18
31	Isolating Chromosomes of the Komodo Dragon: New Tools for Comparative Mapping and Sequence Assembly. <i>Cytogenetic and Genome Research</i> , 2019, 157, 123-131.	0.6	9
32	Cytogenetic Analysis. , 2019, , 145-164.		0
33	Rapid chromosomal evolution in enigmatic mammal with XX in both sexes, the Alay mole vole <i>Ellobius alaicus</i> Vorontsov et al., 1969 (Mammalia, Rodentia). <i>Comparative Cytogenetics</i> , 2019, 13, 147-177.	0.3	17
34	Targeted deletion of a 170-kb cluster of LINE-1 repeats and implications for regional control. <i>Genome Research</i> , 2018, 28, 345-356.	2.4	12
35	A collection of XY female cell lines. <i>Human Cell</i> , 2018, 31, 175-178.	1.2	2
36	Homologue-specific chromosome sequencing characterizes translocation junctions and permits allelic assignment. <i>DNA Research</i> , 2018, 25, 353-360.	1.5	8

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37	The Karyotype of the Hoatzin (<i>Opisthocomus hoazin</i>) - A Phylogenetic Enigma of the Neornithes. <i>Cytogenetic and Genome Research</i> , 2018, 156, 158-164.	0.6	5
38	Chromosome Painting in Neotropical Long- and Short-Tailed Parrots (Aves, Psittaciformes): Phylogeny and Proposal for a Putative Ancestral Karyotype for Tribe Arini. <i>Genes</i> , 2018, 9, 491.	1.0	9
39	Marsupial chromosome DNA content and genome size assessed from flow karyotypes: invariable low autosomal GC content. <i>Royal Society Open Science</i> , 2018, 5, 171539.	1.1	8
40	Reconstruction of the diapsid ancestral genome permits chromosome evolution tracing in avian and non-avian dinosaurs. <i>Nature Communications</i> , 2018, 9, 1883.	5.8	60
41	Extensive Karyotype Reorganization in the Fish <i>Gymnotus arapaima</i> (Gymnotiformes, Gymnotidae) Highlighted by Zoo-FISH Analysis. <i>Frontiers in Genetics</i> , 2018, 9, 8.	1.1	12
42	Karyotype Evolution in Birds: From Conventional Staining to Chromosome Painting. <i>Genes</i> , 2018, 9, 181.	1.0	65
43	Sequencing of Supernumerary Chromosomes of Red Fox and Raccoon Dog Confirms a Non-Random Gene Acquisition by B Chromosomes. <i>Genes</i> , 2018, 9, 405.	1.0	22
44	Comparative chromosome painting in Columbidae (Columbiformes) reinforces divergence in Passerea and Columbea. <i>Chromosome Research</i> , 2018, 26, 211-223.	1.0	15
45	Multidirectional chromosome painting in <i>Synallaxis frontalis</i> (Passeriformes, Furnariidae) reveals high chromosomal reorganization, involving fissions and inversions. <i>Comparative Cytogenetics</i> , 2018, 12, 97-110.	0.3	13
46	Chromosome Painting in <i>Trogon s. surrucura</i> (Aves.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (<i>Cytogenetic and Genome Research</i> , 2017, 151, 208-215.	0.6	14
47	Chromosomal Mapping of Repetitive DNAs in <i>Myiopsitta monachus</i> and <i>Amazona aestiva</i> (Psittaciformes, Psittacidae) with Emphasis on the Sex Chromosomes. <i>Cytogenetic and Genome Research</i> , 2017, 151, 151-160.	0.6	34
48	Chromosome Painting in Tyrant Flycatchers Confirms a Set of Inversions Shared by Oscines and Suboscines (Aves, Passeriformes). <i>Cytogenetic and Genome Research</i> , 2017, 153, 205-212.	0.6	15
49	John Hilton Edwards. 26 March 1928 – 11 October 2007. <i>Biographical Memoirs of Fellows of the Royal Society</i> , 2017, 63, 215-242.	0.1	0
50	Comparative Cytogenetics between Two Important Songbird, Models: The Zebra Finch and the Canary. <i>PLoS ONE</i> , 2017, 12, e0170997.	1.1	29
51	Pooling strategy and chromosome painting characterize a living zebroid for the first time. <i>PLoS ONE</i> , 2017, 12, e0180158.	1.1	11
52	Immunocytological analysis of meiotic recombination in two anole lizards (Squamata, Dactyloidae). <i>Comparative Cytogenetics</i> , 2017, 11, 129-141.	0.3	13
53	Glasgow Contributions to Human Gene Mapping. , 2017, , 275-284.		0
54	Rapid Karyotype Evolution in <i>Lasiopodomys</i> Involved at Least Two Autosome – Sex Chromosome Translocations. <i>PLoS ONE</i> , 2016, 11, e0167653.	1.1	19

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55	Contrasting origin of B chromosomes in two cervids (Siberian roe deer and grey brocket deer) unravelled by chromosome-specific DNA sequencing. <i>BMC Genomics</i> , 2016, 17, 618.	1.2	47
56	A time- and cost-effective strategy to sequence mammalian Y Chromosomes: an application to the de novo assembly of gorilla Y. <i>Genome Research</i> , 2016, 26, 530-540.	2.4	99
57	Evolutionary dynamics of <i>Anolis</i> sex chromosomes revealed by sequencing of flow sorting-derived microchromosome-specific DNA. <i>Molecular Genetics and Genomics</i> , 2016, 291, 1955-1966.	1.0	30
58	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.	1.0	9
59	Multidirectional chromosome painting substantiates the occurrence of extensive genomic reshuffling within Accipitriformes. <i>BMC Evolutionary Biology</i> , 2015, 15, 205.	3.2	19
60	Comparative Cytogenetics of the Congo African Grey Parrot (<i>Psittacus erithacus</i>). <i>Cytogenetic and Genome Research</i> , 2015, 147, 144-153.	0.6	8
61	Low rate of interchromosomal rearrangements during old radiation of gekkotan lizards (Squamata: Tj ETQq1 1 0.784314 rgBT / Overlock 10	1.0	15
62	Chromosome mapping of the large elaenia (<i>Elaenia spectabilis</i>): evidence for a cytogenetic signature for passeriform birds?. <i>Biological Journal of the Linnean Society</i> , 2015, 115, 391-398.	0.7	29
63	Intrachromosomal rearrangements in two representatives of the genus <i>Saltator</i> (Thraupidae, Tj ETQq1 1 0.784314 rgBT / Overlock 10	0.5	28
64	Chromosome Painting in <i>Vanellus chilensis</i> : Detection of a Fusion Common to Clade Charadrii (Charadriiformes). <i>Cytogenetic and Genome Research</i> , 2015, 146, 58-63.	0.6	11
65	Medical and Ethical Concerns Regarding Women With Hyperandrogenism and Elite Sport. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 825-827.	1.8	26
66	History and evolution of cytogenetics. <i>Molecular Cytogenetics</i> , 2015, 8, 19.	0.4	38
67	Chromosomal Diversity and Karyotype Evolution in South American Macaws (Psittaciformes, Tj ETQq1 1 0.784314 rgBT / Overlock 10	1.1	19
68	Cytotaxonomy of <i>Eurypyga helias</i> (Gruiformes, Eurypygidae): First Karyotypic Description and Phylogenetic Proximity with Rynochetidae. <i>PLoS ONE</i> , 2015, 10, e0143982.	1.1	14
69	Molecular Cytogenetic Characterization of Multiple Intrachromosomal Rearrangements in Two Representatives of the Genus <i>Turdus</i> (Turdidae, Passeriformes). <i>PLoS ONE</i> , 2014, 9, e103338.	1.1	41
70	Natural Selection for Genetic Variants in Sport: The Role of Y Chromosome Genes in Elite Female Athletes with 46,XY DSD. <i>Sports Medicine</i> , 2014, 44, 1629-1634.	3.1	24
71	Novel tools for characterising inter and intra chromosomal rearrangements in avian microchromosomes. <i>Chromosome Research</i> , 2014, 22, 85-97.	1.0	29
72	Chromosomal studies on <i>Coscoroba coscoroba</i> (Aves: Anseriformes) reinforce the <i>Coscoroba-Cereopsis</i> clade. <i>Biological Journal of the Linnean Society</i> , 2014, 111, 274-279.	0.7	9

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73	Digenic/multilocus aetiology of multiple self-healing squamous epithelioma (Ferguson-Smith disease): TGFBR1 and a second linked locus. International Journal of Biochemistry and Cell Biology, 2014, 53, 520-525.	1.2	7
74	A phylogenetic analysis using multidirectional chromosome painting of three species (Uroderma) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 (Chiroptera-Phyllostomidae). Chromosome Research, 2013, 21, 383-392.	1.0	25
75	Comparative analysis of sex chromosomes in Leporinus species (Teleostei, Characiformes) using chromosome painting. BMC Genetics, 2013, 14, 60.	2.7	22
76	Cytogenetic Analysis. , 2013, , 1-18.		0
77	Afrotheria genome; overestimation of genome size and distinct chromosome GC content revealed by flow karyotyping. Genomics, 2013, 102, 468-471.	1.3	13
78	Transcription of a protein-coding gene on B chromosomes of the Siberian roe deer (Capreolus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	1.7	58
79	Multiple Self-Healing Squamous Epithelioma (MSSE): Rare Variants in an Adjacent Region of Chromosome 9q22.3 to Known TGFBR1 Mutations Suggest a Digenic or Multilocus Etiology. Journal of Investigative Dermatology, 2013, 133, 1907-1910.	0.3	23
80	Comparative analysis of mammalian Y chromosomes illuminates ancestral structure and lineage-specific evolution. Genome Research, 2013, 23, 1486-1495.	2.4	115
81	Chromosome Painting in Three Species of Buteoninae: A Cytogenetic Signature Reinforces the Monophyly of South American Species. PLoS ONE, 2013, 8, e70071.	1.1	17
82	Reassessment of genome size in turtle and crocodile based on chromosome measurement by flow karyotyping: close similarity to chicken. Biology Letters, 2012, 8, 631-635.	1.0	32
83	Conservation of chromosomes syntenic with avian autosomes in squamate reptiles revealed by comparative chromosome painting. Chromosoma, 2012, 121, 409-418.	1.0	36
84	Cytogenetics and Early Days at the Moore Clinic with Victor McKusick. , 2012, , 53-66.		2
85	Putting Medical Genetics into Practice. Annual Review of Genomics and Human Genetics, 2011, 12, 1-23.	2.5	5
86	Maintenance of syntenic groups between Cathartidae and Gallus gallus indicates symplesiomorphic karyotypes in new world vultures. Genetics and Molecular Biology, 2011, 34, 80-83.	0.6	12
87	Multiple self-healing squamous epithelioma is caused by a disease-specific spectrum of mutations in TGFBR1. Nature Genetics, 2011, 43, 365-369.	9.4	147
88	Chromosome painting in Tragulidae facilitates the reconstruction of Ruminantia ancestral karyotype. Chromosome Research, 2011, 19, 531-539.	1.0	25
89	Reconstruction of karyotype evolution in core Glires. I. The genome homology revealed by comparative chromosome painting. Chromosome Research, 2011, 19, 549-565.	1.0	15
90	Chromosomal evolution in Gekkonidae. I. Chromosome painting between Gekko and Hemidactylus species reveals phylogenetic relationships within the group. Chromosome Research, 2011, 19, 843-855.	1.0	37

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91	Strong conservation of the bird Z chromosome in reptilian genomes is revealed by comparative painting despite 275 million years divergence. <i>Chromosoma</i> , 2011, 120, 455-468.	1.0	85
92	Reciprocal chromosome painting between white hawk (<i>Leucopternis albicollis</i>) and chicken reveals extensive fusions and fissions during karyotype evolution of accipitridae (Aves, Falconiformes). <i>Chromosome Research</i> , 2010, 18, 349-355.	1.0	46
93	Chromosomal evolution of Arvicolinae (Cricetidae, Rodentia). III. Karyotype relationships of ten <i>Microtus</i> species. <i>Chromosome Research</i> , 2010, 18, 459-471.	1.0	37
94	Epigenetic modifications on X chromosomes in marsupial and monotreme mammals and implications for evolution of dosage compensation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17657-17662.	3.3	74
95	Testing and screening for chromosome abnormalities. <i>Clinical Medicine</i> , 2009, 9, 153-154.	0.8	0
96	It Is 50 Years since the Discovery of the Male Determining Role of the Y Chromosome!. <i>Sexual Development</i> , 2009, 3, 233-236.	1.1	4
97	Avian comparative genomics: reciprocal chromosome painting between domestic chicken (<i>Gallus</i>) Tj ETQq1 1 0.784314 rgBT /Overloda diploid number. <i>Chromosome Research</i> , 2009, 17, 99-113.	1.0	58
98	Cross-species chromosome painting in Cetartiodactyla: Reconstructing the karyotype evolution in key phylogenetic lineages. <i>Chromosome Research</i> , 2009, 17, 419-436.	1.0	45
99	Chromosome homologies of the highly rearranged karyotypes of four Akodon species (Rodentia,) Tj ETQq1 1 0.784314 rgBT /Overloda in rodents. <i>Chromosome Research</i> , 2009, 17, 1063-1078.	1.0	40
100	Multidirectional cross-species painting illuminates the history of karyotypic evolution in Perissodactyla. <i>Chromosome Research</i> , 2008, 16, 89-107.	1.0	68
101	Genome analysis of the platypus reveals unique signatures of evolution. <i>Nature</i> , 2008, 453, 175-183.	13.7	657
102	Chromhome: A rich internet application for accessing comparative chromosome homology maps. <i>BMC Bioinformatics</i> , 2008, 9, 168.	1.2	4
103	Bird-like sex chromosomes of platypus imply recent origin of mammal sex chromosomes. <i>Genome Research</i> , 2008, 18, 965-973.	2.4	268
104	Cytogenetics and the evolution of medical genetics. <i>Genetics in Medicine</i> , 2008, 10, 553-559.	1.1	16
105	The multiple sex chromosomes of platypus and echidna are not completely identical and several share homology with the avian Z. <i>Genome Biology</i> , 2007, 8, R243.	13.9	119
106	The Evolution of Sex Chromosomes and Sex Determination in Vertebrates and the Key Role of <i>DMRT1</i> . <i>Sexual Development</i> , 2007, 1, 2-11.	1.1	102
107	Mammalian karyotype evolution. <i>Nature Reviews Genetics</i> , 2007, 8, 950-962.	7.7	275
108	Multiple Self-Healing Squamous Epithelioma in Different Ethnic Groups: More than a Founder Mutation Disorder?. <i>Journal of Investigative Dermatology</i> , 2007, 127, 2336-2344.	0.3	23

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109	The evolution of imprinting: chromosomal mapping of orthologues of mammalian imprinted domains in monotreme and marsupial mammals. <i>BMC Evolutionary Biology</i> , 2007, 7, 157.	3.2	38
110	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.	1.0	52
111	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.	1.0	49
112	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.	1.0	110
113	Search for the sex-determining switch in monotremes: Mapping WT1, SF1, LHX1, LHX2, FGF9, WNT4, RSPO1 and GATA4 in platypus. <i>Chromosome Research</i> , 2007, 15, 777-785.	1.0	24
114	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.	1.0	57
115	Characterizing the chromosomes of the platypus (<i>Ornithorhynchus anatinus</i>). <i>Chromosome Research</i> , 2007, 15, 961-974.	1.0	18
116	Cross-species chromosome painting. <i>Nature Protocols</i> , 2006, 1, 783-790.	5.5	68
117	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.	1.0	58
118	Reciprocal chromosome painting between three laboratory rodent species. <i>Mammalian Genome</i> , 2006, 17, 1183-1192.	1.0	35
119	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
120	The proto-oncogene C-KIT maps to canid B-chromosomes. <i>Chromosome Research</i> , 2005, 13, 113-122.	1.0	72
121	In the platypus a meiotic chain of ten sex chromosomes shares genes with the bird Z and mammal X chromosomes. <i>Nature</i> , 2004, 432, 913-917.	13.7	252
122	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.	1.0	102
123	Chromosome evolution in bears: reconstructing phylogenetic relationships by cross-species chromosome painting. <i>Chromosome Research</i> , 2004, 12, 55-63.	1.0	33
124	Evolution of Genome Organizations of Squirrels (Sciuridae) Revealed by Cross-Species Chromosome Painting. <i>Chromosome Research</i> , 2004, 12, 317-335.	1.0	51
125	From The Cover: Resolution and evolution of the duck-billed platypus karyotype with an X1Y1X2Y2X3Y3X4Y4X5Y5 male sex chromosome constitution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 16257-16261.	3.3	149
126	Reaction to the emergence of BSE in the UK: what was done and what perhaps might have been done better. <i>Comptes Rendus - Biologies</i> , 2002, 325, 25-26.	0.1	2

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127	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.	1.0	68
128	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.	1.5	18
129	Cross-species color banding in ten cases of myeloid malignancies with complex karyotypes. <i>Genes Chromosomes and Cancer</i> , 2001, 30, 15-24.	1.5	18
130	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
131	Reciprocal chromosome painting illuminates the history of genome evolution of the domestic cat, dog and human. <i>Chromosome Research</i> , 2000, 8, 393-404.	1.0	92
132	A New Submicroscopic Deletion That Refines the 9p Region for Sex Reversal. <i>Genomics</i> , 2000, 65, 203-212.	1.3	89
133	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.	1.3	56
134	Gender verification of female athletes. <i>Genetics in Medicine</i> , 2000, 2, 249-254.	1.1	42
135	Conservation of human gamma-X centromeric satellite DNA among primates with an autosomal localization in certain Old World monkeys. <i>Chromosome Research</i> , 1999, 7, 43-47.	1.0	12
136	Cross-species chromosome painting between human and marsupial directly demonstrates the ancient region of the mammalian X. <i>Mammalian Genome</i> , 1999, 10, 1115-1116.	1.0	76
137	Diagnosis of sex and cystic fibrosis status in fetal erythroblasts isolated from cord blood. , 1999, 19, 172-174.		5
138	Evaluating the culture of fetal erythroblasts from maternal blood for non-invasive prenatal diagnosis. <i>Prenatal Diagnosis</i> , 1998, 18, 883-892.	1.1	44
139	Identification of de novo chromosomal markers and derivatives by spectral karyotyping. <i>Human Genetics</i> , 1998, 103, 619-625.	1.8	63
140	Comparative Mapping Using Chromosome Sorting and Painting. <i>ILAR Journal</i> , 1998, 39, 68-76.	1.8	55
141	Comparative Chromosome Painting in Mammals: Human and the Indian Muntjac (<i>Muntiacus muntjak</i>) Tj ETQq1 1 Q.784314 rgBT /Overl	1.3	99
142	Isolation of chromosome-specific paints from high-resolution flow karyotypes of the sheep (<i>Ovis</i>) Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50	1.0	22
143	A fast, novel approach for DNA fibre-fluorescence in situ hybridization analysis. <i>Chromosome Research</i> , 1997, 5, 145-147.	1.0	16
144	Ann Chester Chandley DSc, FIBiol, FRSE A tribute and appreciation on the occasion of her retirement. <i>Chromosome Research</i> , 1997, 5, 3-4.	1.0	0

#	ARTICLE	IF	CITATIONS
145	A novel source of highly specific chromosome painting probes for human karyotype analysis derived from primate homologues. <i>Human Genetics</i> , 1997, 101, 149-153.	1.8	34
146	Cytogenetic analysis of three breast carcinoma cell lines using reverse chromosome painting. , 1997, 20, 120-139.		32
147	Genetic Analysis by Chromosome Sorting and Painting: Phylogenetic and Diagnostic Applications. <i>European Journal of Human Genetics</i> , 1997, 5, 253-265.	1.4	61
148	Analysis of thirteen trinucleotide repeat loci as candidate genes for schizophrenia and bipolar affective disorder. <i>American Journal of Medical Genetics Part A</i> , 1996, 67, 139-146.	2.4	28
149	Multicolour spectral karyotyping of mouse chromosomes. <i>Nature Genetics</i> , 1996, 14, 312-315.	9.4	307
150	Enrichment of fetal nucleated cells from maternal blood: Model test system using cord blood. <i>Prenatal Diagnosis</i> , 1995, 15, 913-919.	1.1	26
151	Sequence variation and size ranges of CAG repeats in the Machado-Joseph disease, spinocerebellar ataxia type 1 and androgen receptor genes. <i>Human Molecular Genetics</i> , 1995, 4, 1585-1590.	1.4	60
152	Molecular genetic investigations of the mechanism of tumourigenesis in von Hippel-Lindau disease: analysis of allele loss in VHL tumours. <i>Human Genetics</i> , 1994, 93, 53-8.	1.8	129
153	Structure and expression analysis of a member of the human glutamate dehydrogenase (GLUD) gene family mapped to chromosome 10p11.2. <i>Human Genetics</i> , 1993, 91, 433-8.	1.8	8
154	Multiple self-healing squamous epitheliomata (ESS1) mapped to chromosome 9q22-q31 in families with common ancestry. <i>Nature Genetics</i> , 1993, 3, 165-169.	9.4	88
155	Localization of DNA sequences required for human centromere function through an analysis of rearranged Y chromosomes. <i>Nature Genetics</i> , 1993, 5, 368-375.	9.4	149
156	Gender Verification in Competitive Sports. <i>Sports Medicine</i> , 1993, 16, 305-315.	3.1	29
157	Analysis of the SRY gene in 22 sex-reversed XY females identifies four new point mutations in the conserved DNA binding domain. <i>Human Molecular Genetics</i> , 1993, 2, 785-789.	1.4	103
158	Cloning of the X-linked glycerol kinase deficiency gene and its identification by sequence comparison to the <i>Bacillus subtilis</i> homologue. <i>Human Molecular Genetics</i> , 1993, 2, 97-106.	1.4	41
159	Identification of the von Hippel-Lindau disease tumor suppressor gene. <i>Science</i> , 1993, 260, 1317-1320.	6.0	2,723
160	A G → A substitution in an HNF I binding site in the human α -fetoprotein gene is associated with hereditary persistence of α -fetoprotein (HPAFP). <i>Human Molecular Genetics</i> , 1993, 2, 379-384.	1.4	70
161	Cytogenetic analysis by chromosome painting using dop-pcr amplified flow-sorted chromosomes. <i>Genes Chromosomes and Cancer</i> , 1992, 4, 257-263.	1.5	555
162	Translocation of c-abl oncogene correlates with the presence of a Philadelphia chromosome in chronic myelocytic leukaemia. <i>Nature</i> , 1983, 306, 277-280.	13.7	723

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163	The pathology and cytogenetics of gonadal agenesis. American Journal of Obstetrics and Gynecology, 1963, 87, 578-598.	0.7	101
164	The lack of influence of parental age and birth order in the aetiology of nuclear sex chromatin-negative Turner's syndrome. Annals of Human Genetics, 1962, 25, 215-225.	0.3	41