

Darren K Griffin

List of Publications by Year in descending order

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Version: 2024-02-01

160
papers

10,675
citations

44069

48
h-index

36028

97
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165
all docs

165
docs citations

165
times ranked

10783
citing authors

#	ARTICLE	IF	CITATIONS
1	Mathematical progression of avian egg shape with associated area and volume determinations. <i>Annals of the New York Academy of Sciences</i> , 2022, 1513, 65-78.	3.8	11
2	Why PGT-A, most likely, improves IVF success. <i>Reproductive BioMedicine Online</i> , 2022, 45, 633-637.	2.4	5
3	Effects of single or serial embryo splitting on the development and morphokinetics of <i>in vitro</i> produced bovine embryos. , 2022, 89, 680-689.		1
4	The Efficacy of Hyaluronic Acid Binding (HAB) in the Treatment of Male Infertility: A Systematic Review of the Literature. <i>Dna</i> , 2022, 2, 149-171.	1.3	2
5	A novel Egg Quality Index as an alternative to Haugh unit score. <i>Journal of Food Engineering</i> , 2021, 289, 110176.	5.2	17
6	Identification of optimal assisted aspiration conditions of oocytes for use in porcine <i>in vitro</i> maturation: A reevaluation of the relationship between the cumulus oocyte complex and oocyte quality. <i>Veterinary Medicine and Science</i> , 2021, 7, 465-473.	1.6	2
7	How oviform is the chicken egg? New mathematical insight into the old oomorphological problem. <i>Food Control</i> , 2021, 119, 107484.	5.5	13
8	Rapid Multi-Hybridisation FISH Screening for Balanced Porcine Reciprocal Translocations Suggests a Much Higher Abnormality Rate Than Previously Appreciated. <i>Cells</i> , 2021, 10, 250.	4.1	4
9	Comparative Mapping of the Macrochromosomes of Eight Avian Species Provides Further Insight into Their Phylogenetic Relationships and Avian Karyotype Evolution. <i>Cells</i> , 2021, 10, 362.	4.1	13
10	Effects of Essential Oils-Based Supplement and Salmonella Infection on Gene Expression, Blood Parameters, Cecal Microbiome, and Egg Production in Laying Hens. <i>Animals</i> , 2021, 11, 360.	2.3	14
11	Forecasting early onset diminished ovarian reserve for young reproductive age women. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 1853-1860.	2.5	1
12	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
13	Welcome to DNA – An Open Access Journal. <i>Dna</i> , 2021, 1, 1-2.	1.3	0
14	British Sheep Breeds as a Part of World Sheep Gene Pool Landscape: Looking into Genomic Applications. <i>Animals</i> , 2021, 11, 994.	2.3	10
15	Interspecies Chromosome Mapping in Caprimulgiformes, Piciformes, Suliformes, and Trogoniformes (Aves): Cytogenomic Insight into Microchromosome Organization and Karyotype Evolution in Birds. <i>Cells</i> , 2021, 10, 826.	4.1	14
16	Karyotype Evolution and Genomic Organization of Repetitive DNAs in the Saffron Finch, <i>Sicalis flaveola</i> (Passeriformes, Aves). <i>Animals</i> , 2021, 11, 1456.	2.3	12
17	Plasticity of the human preimplantation embryo: developmental dogmas, variations on themes and self-correction. <i>Human Reproduction Update</i> , 2021, 27, 848-865.	10.8	51
18	Ultra-Structural Imaging Provides 3D Organization of 46 Chromosomes of a Human Lymphocyte Prophase Nucleus. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5987.	4.1	5

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19	Telomere Distribution in Human Sperm Heads and Its Relation to Sperm Nuclear Morphology: A New Marker for Male Factor Infertility?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7599.	4.1	3
20	Non-destructive evaluation of the volumes of egg shell and interior: Theoretical approach. <i>Journal of Food Engineering</i> , 2021, 300, 110536.	5.2	9
21	Egg and math: introducing a universal formula for egg shape. <i>Annals of the New York Academy of Sciences</i> , 2021, 1505, 169-177.	3.8	26
22	Preimplantation Genetic Testing for Aneuploidy Improves Live Birth Rates with In Vitro Produced Bovine Embryos: A Blind Retrospective Study. <i>Cells</i> , 2021, 10, 2284.	4.1	14
23	Unveiling Comparative Genomic Trajectories of Selection and Key Candidate Genes in Egg-Type Russian White and Meat-Type White Cornish Chickens. <i>Biology</i> , 2021, 10, 876.	2.8	15
24	RETROSPECTIVE ANALYSIS OF 479 PGT-SR CYCLES - ANALYSIS OF CHROMOSOME INFORMATION AND AVAILABILITY OF EMBRYOS FOR TRANSFER. <i>Fertility and Sterility</i> , 2021, 116, e397.	1.0	1
25	Evolutionary Subdivision of Domestic Chickens: Implications for Local Breeds as Assessed by Phenotype and Genotype in Comparison to Commercial and Fancy Breeds. <i>Agriculture (Switzerland)</i> , 2021, 11, 914.	3.1	14
26	Shell, a naturally engineered egg packaging: Estimated for strength by non-destructive testing for elastic deformation. <i>Biosystems Engineering</i> , 2021, 210, 235-246.	4.3	6
27	Chromosomal Analysis in <i>Crotophaga ani</i> (Aves, Cuculiformes) Reveals Extensive Genomic Reorganization and an Unusual Z-Autosome Robertsonian Translocation. <i>Cells</i> , 2021, 10, 4.	4.1	29
28	Cytogenetic Evidence Clarifies the Phylogeny of the Family Rhynchocyclidae (Aves: Passeriformes). <i>Cells</i> , 2021, 10, 2650.	4.1	5
29	Incidence, Reproductive Outcome, and Economic Impact of Reciprocal Translocations in the Domestic Pig. <i>Dna</i> , 2021, 1, 68-76.	1.3	2
30	Let the data do the talking: the need to consider mosaicism during embryo selection. <i>Fertility and Sterility</i> , 2021, 116, 1212-1219.	1.0	20
31	Remnant of Unrelated Amniote Sex Chromosomal Linkage Sharing on the Same Chromosome in House Gecko Lizards, Providing a Better Understanding of the Ancestral Super-Sex Chromosome. <i>Cells</i> , 2021, 10, 2969.	4.1	4
32	Analysis of IVF live birth outcomes with and without preimplantation genetic testing for aneuploidy (PGT-A): UK Human Fertilisation and Embryology Authority data collection 2016-2018. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 3277-3285.	2.5	25
33	Comparative chromosome painting in <i>Spizaetus tyrannus</i> and <i>Gallus gallus</i> with the use of macro- and microchromosome probes. <i>PLoS ONE</i> , 2021, 16, e0259905.	2.5	1
34	Large Intra-Age Group Variation in Chromosome Abnormalities in Human Blastocysts. <i>Dna</i> , 2021, 1, 91-104.	1.3	1
35	The Joy of preimplantation genetic testing. <i>Reproductive BioMedicine Online</i> , 2021, 43, 977.	2.4	1
36	Time lapse: A glimpse into prehistoric genomics. <i>European Journal of Medical Genetics</i> , 2020, 63, 103640.	1.3	4

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37	Preliminary assessment of aneuploidy rates between the polar, mid and mural trophectoderm. <i>Zygote</i> , 2020, 28, 93-96.	1.1	5
38	Snake W Sex Chromosome: The Shadow of Ancestral Amniote Super-Sex Chromosome. <i>Cells</i> , 2020, 9, 2386.	4.1	17
39	Genetic Variability in Local and Imported Germplasm Chicken Populations as Revealed by Analyzing Runs of Homozygosity. <i>Animals</i> , 2020, 10, 1887.	2.3	11
40	Partial Amniote Sex Chromosomal Linkage Homologies Shared on Snake W Sex Chromosomes Support the Ancestral Super-Sex Chromosome Evolution in Amniotes. <i>Frontiers in Genetics</i> , 2020, 11, 948.	2.3	24
41	HUMAN PRE-IMPLANTATION EMBRYOS ARE PERMISSIVE TO SARS-COV-2 ENTRY. <i>Fertility and Sterility</i> , 2020, 114, e526.	1.0	4
42	A Comprehensive Cytogenetic Analysis of Several Members of the Family Columbidae (Aves.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542</i>	2.4	8
43	An improved pig reference genome sequence to enable pig genetics and genomics research. <i>GigaScience</i> , 2020, 9, .	6.4	187
44	Modelling effects of phytobiotic administration on coherent responses to Salmonella infection in laying hens. <i>Italian Journal of Animal Science</i> , 2020, 19, 282-287.	1.9	3
45	Digital imaging assisted geometry of chicken eggs using HÄ¼gelschÄffer's model. <i>Biosystems Engineering</i> , 2020, 197, 45-55.	4.3	23
46	A New Approach for Accurate Detection of Chromosome Rearrangements That Affect Fertility in Cattle. <i>Animals</i> , 2020, 10, 114.	2.3	10
47	Form from Function, Order from Chaos in Male Germline Chromatin. <i>Genes</i> , 2020, 11, 210.	2.4	1
48	A 2-D imaging-assisted geometrical transformation method for non-destructive evaluation of the volume and surface area of avian eggs. <i>Food Control</i> , 2020, 112, 107112.	5.5	23
49	Do sex chromosomes of snakes, monitor lizards, and iguanian lizards result from multiple fission of an "ancestral amniote super-sex chromosome"? <i>Chromosome Research</i> , 2020, 28, 209-228.	2.2	24
50	Revising the Chromosome-Specific Probes of White Hawk (<i>Leucopternis albicollis</i>). , 2020, 76, .		0
51	Jurassic Park: What Did the Genomes of Dinosaurs Look Like?. , 2019, , 331-348.		0
52	Estimating Demand for Germline Genome Editing: An <i>In Vitro</i> Fertilization Clinic Perspective. <i>CRISPR Journal</i> , 2019, 2, 304-315.	2.9	13
53	Examination of the Expression of Immunity Genes and Bacterial Profiles in the Caecum of Growing Chickens Infected with <i>Salmonella Enteritidis</i> and Fed a Phytobiotic. <i>Animals</i> , 2019, 9, 615.	2.3	22
54	Chromosomics: Bridging the Gap between Genomes and Chromosomes. <i>Genes</i> , 2019, 10, 627.	2.4	79

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55	Physiological, hyaluronan-selected intracytoplasmic sperm injection for infertility treatment (HABSelect): a parallel, two-group, randomised trial. <i>Lancet, The</i> , 2019, 393, 416-422.	13.7	85
56	Telomere Biology and Human Phenotype. <i>Cells</i> , 2019, 8, 73.	4.1	235
57	One hundred mosaic embryos transferred prospectively in a single clinic: exploring when and why they result in healthy pregnancies. <i>Fertility and Sterility</i> , 2019, 111, 280-293.	1.0	143
58	Reporting of Mosaics as High-level and Low level mosaics makes more number of embryos available as alternatives for transfer when no euploid embryos are available. <i>Reproductive BioMedicine Online</i> , 2019, 38, e16-e17.	2.4	0
59	Aneuploidy concordance between trophectoderm and inner cell mass by next-generation sequencing in 100 blastocysts. <i>Reproductive BioMedicine Online</i> , 2019, 38, e15-e16.	2.4	1
60	Compromised global embryonic transcriptome associated with advanced maternal age. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 915-924.	2.5	18
61	80 mosaic embryo transfers in a single clinic with in-house PGT-A: What we have learned. <i>Reproductive BioMedicine Online</i> , 2019, 38, e17-e18.	2.4	1
62	Blastocysts with disproportionately high mtDNA copy number can result in healthy babies. <i>Reproductive BioMedicine Online</i> , 2019, 38, e25-e26.	2.4	3
63	Mosaic embryos are not the only option for transfer in 90% of PGT-A cases. <i>Reproductive BioMedicine Online</i> , 2019, 38, e58-e60.	2.4	0
64	Births from embryos with highly elevated levels of mitochondrial DNA. <i>Reproductive BioMedicine Online</i> , 2019, 39, 403-412.	2.4	11
65	Genome-wide association studies targeting the yield of extraembryonic fluid and production traits in Russian White chickens. <i>BMC Genomics</i> , 2019, 20, 270.	2.8	22
66	The role of chromosome segregation and nuclear organisation in human subfertility. <i>Biochemical Society Transactions</i> , 2019, 47, 425-432.	3.4	4
67	Nutritional modulation of the antioxidant capacities in poultry: the case of vitamin E. <i>Poultry Science</i> , 2019, 98, 4030-4041.	3.4	81
68	Direct Single-Cell Analysis of Human Polar Bodies and Cleavage-Stage Embryos Reveals No Evidence of the Telomere Theory of Reproductive Ageing in Relation to Aneuploidy Generation. <i>Cells</i> , 2019, 8, 163.	4.1	8
69	Assessment of aneuploidy concordance between clinical trophectoderm biopsy and blastocyst. <i>Human Reproduction</i> , 2019, 34, 181-192.	0.9	95
70	Patterns of microchromosome organization remain highly conserved throughout avian evolution. <i>Chromosoma</i> , 2019, 128, 21-29.	2.2	67
71	Karyomapping for simultaneous genomic evaluation and aneuploidy screening of preimplantation bovine embryos: The first live-born calves. <i>Theriogenology</i> , 2019, 125, 249-258.	2.1	22
72	Cattle karyomapping to optimise food production and delivery of superior genetics: the first liveborn calves. <i>Reproductive BioMedicine Online</i> , 2018, 36, e20.	2.4	1

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73	Aneuploidy status is associated with the length of time that the pronuclei are visible. <i>Reproductive BioMedicine Online</i> , 2018, 36, e26-e27.	2.4	1
74	Chromosome-level assembly reveals extensive rearrangement in saker falcon and budgerigar, but not ostrich, genomes. <i>Genome Biology</i> , 2018, 19, 171.	8.8	65
75	Chromosome map of the Siamese cobra: did partial synteny of sex chromosomes in the amniote represent a hypothetical ancestral super-sex chromosome or random distribution?. <i>BMC Genomics</i> , 2018, 19, 939.	2.8	39
76	Chromosome Level Genome Assembly and Comparative Genomics between Three Falcon Species Reveals an Unusual Pattern of Genome Organisation. <i>Diversity</i> , 2018, 10, 113.	1.7	31
77	The production of pig preimplantation embryos in vitro: Current progress and future prospects. <i>Reproductive Biology</i> , 2018, 18, 203-211.	1.9	58
78	Reconstruction of the diapsid ancestral genome permits chromosome evolution tracing in avian and non-avian dinosaurs. <i>Nature Communications</i> , 2018, 9, 1883.	12.8	60
79	Chromosomal analysis in IVF: just how useful is it?. <i>Reproduction</i> , 2018, 156, F29-F50.	2.6	66
80	Validating PGS by probing the karyotypic concordance between ICM and TE. <i>Reproductive BioMedicine Online</i> , 2018, 36, e28.	2.4	0
81	Karyomapping and how is it improving preimplantation genetics?. <i>Expert Review of Molecular Diagnostics</i> , 2017, 17, 611-621.	3.1	9
82	Chromosomal Preimplantation Genetic Diagnosis: 25 Years and Counting. <i>Journal of Fetal Medicine</i> , 2017, 04, 51-56.	0.1	7
83	Upgrading short-read animal genome assemblies to chromosome level using comparative genomics and a universal probe set. <i>Genome Research</i> , 2017, 27, 875-884.	5.5	97
84	Differences in pregnancy outcomes in donor egg frozen embryo transfer (FET) cycles following preimplantation genetic screening (PGS): a single center retrospective study. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 71-78.	2.5	26
85	Acquired resistance to oxaliplatin is not directly associated with increased resistance to DNA damage in SK-N-ASrOXALI4000, a newly established oxaliplatin-resistant sub-line of the neuroblastoma cell line SK-N-AS. <i>PLoS ONE</i> , 2017, 12, e0172140.	2.5	6
86	Preterm infants have significantly longer telomeres than their term born counterparts. <i>PLoS ONE</i> , 2017, 12, e0180082.	2.5	37
87	Hypomethylation and Genetic Instability in Monosomy Blastocysts May Contribute to Decreased Implantation Potential. <i>PLoS ONE</i> , 2016, 11, e0159507.	2.5	20
88	Aneuploidy Detection and mtDNA Quantification in Bovine Embryos with Different Cleavage Onset Using a Next-Generation Sequencing-Based Protocol. <i>Cytogenetic and Genome Research</i> , 2016, 150, 60-67.	1.1	9
89	Technique to Map Chromosomal Mosaicism at the Blastocyst Stage. <i>Cytogenetic and Genome Research</i> , 2016, 149, 262-266.	1.1	12
90	Novel Insights into Chromosome Evolution in Birds, Archosaurs, and Reptiles. <i>Genome Biology and Evolution</i> , 2016, 8, 2442-2451.	2.5	66

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91	Corona cell RNA sequencing from individual oocytes revealed transcripts and pathways linked to euploid oocyte competence and live birth. <i>Reproductive BioMedicine Online</i> , 2016, 32, 518-526.	2.4	14
92	Impact of sperm DNA chromatin in the clinic. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 157-166.	2.5	46
93	Karyomapping—a comprehensive means of simultaneous monogenic and cytogenetic PGD: comparison with standard approaches in real time for Marfan syndrome. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 347-356.	2.5	57
94	Use of suboptimal sperm increases the risk of aneuploidy of the sex chromosomes in preimplantation blastocyst embryos. <i>Fertility and Sterility</i> , 2015, 104, 866-872.	1.0	56
95	Third Report on Chicken Genes and Chromosomes 2015. <i>Cytogenetic and Genome Research</i> , 2015, 145, 78-179.	1.1	97
96	Genome-wide maps of recombination and chromosome segregation in human oocytes and embryos show selection for maternal recombination rates. <i>Nature Genetics</i> , 2015, 47, 727-735.	21.4	229
97	Karyomapping identifies second polar body DNA persisting to the blastocyst stage: implications for embryo biopsy. <i>Reproductive BioMedicine Online</i> , 2015, 31, 776-782.	2.4	18
98	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
99	Telomere length analysis and preterm infant health: the importance of assay design in the search for novel biomarkers. <i>Biomarkers in Medicine</i> , 2014, 8, 485-498.	1.4	20
100	Comparative genomics reveals insights into avian genome evolution and adaptation. <i>Science</i> , 2014, 346, 1311-1320.	12.6	895
101	Reconstruction of gross avian genome structure, organization and evolution suggests that the chicken lineage most closely resembles the dinosaur avian ancestor. <i>BMC Genomics</i> , 2014, 15, 1060.	2.8	71
102	Diminished Effect of Maternal Age on Implantation After Preimplantation Genetic Diagnosis With Array Comparative Genomic Hybridization. <i>Obstetrical and Gynecological Survey</i> , 2014, 69, 744-745.	0.4	1
103	The origin, mechanisms, incidence and clinical consequences of chromosomal mosaicism in humans. <i>Human Reproduction Update</i> , 2014, 20, 571-581.	10.8	303
104	Global patterns of apparent copy number variation in birds revealed by cross-species comparative genomic hybridization. <i>Chromosome Research</i> , 2014, 22, 59-70.	2.2	12
105	Chromosome size-correlated and chromosome size-uncorrelated homogenization of centromeric repetitive sequences in New World quails. <i>Chromosome Research</i> , 2014, 22, 15-34.	2.2	16
106	Novel tools for characterising inter and intra chromosomal rearrangements in avian microchromosomes. <i>Chromosome Research</i> , 2014, 22, 85-97.	2.2	29
107	All chromosomes great and small: 10 years on. <i>Chromosome Research</i> , 2014, 22, 1-6.	2.2	14
108	Blastocyst euploidy and implantation rates in a young (<35 years) and old (≥35 years) presumed fertile and infertile patient population. <i>Fertility and Sterility</i> , 2014, 102, 1318-1323.	1.0	12

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109	Comparison of aneuploidy, pregnancy and live birth rates between day 5 and day 6 blastocysts. Reproductive BioMedicine Online, 2014, 29, 305-310.	2.4	68
110	Live birth after PGD with confirmation by a comprehensive approach (karyomapping) for simultaneous detection of monogenic and chromosomal disorders. Reproductive BioMedicine Online, 2014, 29, 600-605.	2.4	46
111	Outcomes of blastocysts biopsied and vitrified once versus those cryopreserved twice for euploid blastocyst transfer. Reproductive BioMedicine Online, 2014, 29, 59-64.	2.4	37
112	Diminished effect of maternal age on implantation after preimplantation genetic diagnosis with array comparative genomic hybridization. Fertility and Sterility, 2013, 100, 1695-1703.	1.0	284
113	The duck genome and transcriptome provide insight into an avian influenza virus reservoir species. Nature Genetics, 2013, 45, 776-783.	21.4	327
114	Analyses of pig genomes provide insight into porcine demography and evolution. Nature, 2012, 491, 393-398.	27.8	1,190
115	Is the Y chromosome disappearing? Both sides of the argument. Chromosome Research, 2012, 20, 35-45.	2.2	28
116	An algorithm for determining the origin of trisomy and the positions of chiasmata from SNP genotype data. Chromosome Research, 2011, 19, 155-163.	2.2	23
117	The genome of a songbird. Nature, 2010, 464, 757-762.	27.8	770
118	Primordial Germ Cell-Mediated Chimera Technology Produces Viable Pure-Line Houbara Bustard Offspring: Potential for Repopulating an Endangered Species. PLoS ONE, 2010, 5, e15824.	2.5	53
119	Copy number variation, chromosome rearrangement, and their association with recombination during avian evolution. Genome Research, 2010, 20, 503-511.	5.5	133
120	Nanotechnology and molecular cytogenetics: the future has not yet arrived. Nano Reviews, 2010, 1, 5117.	3.7	22
121	Karyomapping: a universal method for genome wide analysis of genetic disease based on mapping crossovers between parental haplotypes. Journal of Medical Genetics, 2010, 47, 651-658.	3.2	335
122	Scoring of sperm chromosomal abnormalities by manual and automated approaches: qualitative and quantitative comparisons. Asian Journal of Andrology, 2010, 12, 257-262.	1.6	24
123	Comparative genomics in chicken and Pekin duck using FISH mapping and microarray analysis. BMC Genomics, 2009, 10, 357.	2.8	81
124	Quantum dots as new-generation fluorochromes for FISH: an appraisal. Chromosome Research, 2009, 17, 519-530.	2.2	24
125	Podcasting by synchronising PowerPoint and voice: What are the pedagogical benefits?. Computers and Education, 2009, 53, 532-539.	8.3	69
126	Characterization of chromosome structures of Falconinae (Falconidae, Falconiformes, Aves) by chromosome painting and delineation of chromosome rearrangements during their differentiation. Chromosome Research, 2008, 16, 171-181.	2.2	60

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127	Whole genome comparative studies between chicken and turkey and their implications for avian genome evolution. <i>BMC Genomics</i> , 2008, 9, 168.	2.8	119
128	Evolution of the chicken Toll-like receptor gene family: A story of gene gain and gene loss. <i>BMC Genomics</i> , 2008, 9, 62.	2.8	277
129	Electronic delivery of lectures in the university environment: An empirical comparison of three delivery styles. <i>Computers and Education</i> , 2008, 50, 640-651.	8.3	62
130	Nuclear organisation in totipotent human nuclei and its relationship to chromosomal abnormality. <i>Journal of Cell Science</i> , 2008, 121, 655-663.	2.0	16
131	Plants Used in Chinese Medicine for the Treatment of Male Infertility Possess Antioxidant and Anti-Oestrogenic Activity. <i>Systems Biology in Reproductive Medicine</i> , 2008, 54, 185-195.	2.1	30
132	Coordinated transcriptional regulation patterns associated with infertility phenotypes in men. <i>Journal of Medical Genetics</i> , 2007, 44, 498-508.	3.2	30
133	The molecular basis of chromosome orthologies and sex chromosomal differentiation in palaeognathous birds. <i>Chromosome Research</i> , 2007, 15, 721-734.	2.2	100
134	The genetic and cytogenetic basis of male infertility. <i>Human Fertility</i> , 2005, 8, 19-26.	1.7	38
135	Significant reduction of sperm disomy in six men: effect of traditional Chinese medicine?. <i>Asian Journal of Andrology</i> , 2005, 7, 419-425.	1.6	25
136	The cytogenetics of preimplantation human development: insights provided by traditional and novel techniques. <i>Chromosoma</i> , 2005, 114, 295-299.	2.2	0
137	Non-random chromosome positioning in mammalian sperm nuclei, with migration of the sex chromosomes during late spermatogenesis. <i>Journal of Cell Science</i> , 2005, 118, 1811-1820.	2.0	97
138	Molecular Cytogenetic Definition of the Chicken Genome: The First Complete Avian Karyotype. <i>Genetics</i> , 2004, 166, 1367-1373.	2.9	122
139	Virtual learning in the biological sciences: pitfalls of simply "putting notes on the web". <i>Computers and Education</i> , 2004, 43, 49-61.	8.3	45
140	Conservation of chromosome arrangement and position of the X in mammalian sperm suggests functional significance. <i>Chromosome Research</i> , 2003, 11, 503-512.	2.2	49
141	Phenotypic effects of heterozygosity for a BRCA2 mutation. <i>Human Molecular Genetics</i> , 2003, 12, 2645-2656.	2.9	32
142	The genetic basis of infertility. <i>Reproduction</i> , 2003, 126, 13-25.	2.6	116
143	Generation of Chromosome Paints: Approach for Increasing Specificity and Intensity of Signals. <i>BioTechniques</i> , 2003, 34, 530-536.	1.8	9
144	Structural analysis of the chicken BRCA2 gene facilitates identification of functional domains and disease causing mutations. <i>Human Molecular Genetics</i> , 2002, 11, 841-851.	2.9	50

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145	A mapping and evolutionary study of porcine sex chromosome gene. <i>Mammalian Genome</i> , 2002, 13, 588-594.	2.2	53
146	Comparative painting reveals strong chromosome homology over 80 million years of bird evolution. <i>Chromosome Research</i> , 1999, 7, 289-295.	2.2	233
147	Novel method for the production of multiple colour chromosome paints for use in karyotyping by fluorescence in situ hybridisation. , 1999, 25, 241-250.		36
148	Mapping, Sequence, and Expression Analysis of the Human Fertilin β Gene (FTNB). <i>Genomics</i> , 1997, 40, 190-192.	2.9	12
149	A fast, novel approach for DNA fibre-fluorescence in situ hybridization analysis. <i>Chromosome Research</i> , 1997, 5, 145-147.	2.2	16
150	The effect of Y-chromosome alpha-satellite array length on the rate of sex chromosome disomy in human sperm. <i>Human Genetics</i> , 1996, 97, 819-823.	3.8	27
151	The Incidence, Origin, and Etiology of Aneuploidy. <i>International Review of Cytology</i> , 1996, 167, 263-296.	6.2	111
152	Non-disjunction in human sperm: evidence for an effect of increasing paternal age. <i>Human Molecular Genetics</i> , 1995, 4, 2227-2232.	2.9	183
153	Cosmid Contigs Spanning 9q34 Including the Candidate Region forTSCI. <i>European Journal of Human Genetics</i> , 1995, 3, 65-77.	2.8	9
154	Fertilization and early embryology: Detection of fertilization in embryos with accelerated cleavage by fluorescent in-situ hybridization (FISH). <i>Human Reproduction</i> , 1994, 9, 1733-1737.	0.9	33
155	Fluorescent in Situ Hybridization for the Diagnosis of Genetic Disease at Postnatal, Prenatal, and Preimplantation Stages. <i>International Review of Cytology</i> , 1994, 153, 1-40.	6.2	5
156	Clinical experience with preimplantation diagnosis of sex by dual fluorescent in situ hybridization. <i>Journal of Assisted Reproduction and Genetics</i> , 1994, 11, 132-143.	2.5	117
157	Detection of aneuploidy and chromosomal mosaicism in human embryos during preimplantation sex determination by fluorescent <i>in situ</i> hybridisation, (FISH). <i>Human Molecular Genetics</i> , 1993, 2, 1183-1185.	2.9	290
158	Dual fluorescent in situ hybridisation for simultaneous detection of X and Y chromosome-specific probes for the sexing of human preimplantation embryonic nuclei. <i>Human Genetics</i> , 1992, 89, 18-22.	3.8	179
159	The use of irradiation and fusion gene transfer (IFGT) hybrids to isolate DNA clones from human chromosome region 9q33-q34. <i>Somatic Cell and Molecular Genetics</i> , 1991, 17, 445-453.	0.7	13
160	Use of fluorescent in situ hybridization to confirm trisomy of chromosome region 1q32-qter as the sole karyotypic defect in a colon cancer cell line. <i>Genes Chromosomes and Cancer</i> , 1990, 1, 281-283.	2.8	6