

Darren K Griffin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1242389/publications.pdf>

Version: 2024-02-01

160
papers

10,675
citations

44069

48
h-index

36028

97
g-index

165
all docs

165
docs citations

165
times ranked

10783
citing authors

#	ARTICLE	IF	CITATIONS
1	Analyses of pig genomes provide insight into porcine demography and evolution. <i>Nature</i> , 2012, 491, 393-398.	27.8	1,190
2	Comparative genomics reveals insights into avian genome evolution and adaptation. <i>Science</i> , 2014, 346, 1311-1320.	12.6	895
3	The genome of a songbird. <i>Nature</i> , 2010, 464, 757-762.	27.8	770
4	Karyomapping: a universal method for genome wide analysis of genetic disease based on mapping crossovers between parental haplotypes. <i>Journal of Medical Genetics</i> , 2010, 47, 651-658.	3.2	335
5	The duck genome and transcriptome provide insight into an avian influenza virus reservoir species. <i>Nature Genetics</i> , 2013, 45, 776-783.	21.4	327
6	The origin, mechanisms, incidence and clinical consequences of chromosomal mosaicism in humans. <i>Human Reproduction Update</i> , 2014, 20, 571-581.	10.8	303
7	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
8	Diminished effect of maternal age on implantation after preimplantation genetic diagnosis with array comparative genomic hybridization. <i>Fertility and Sterility</i> , 2013, 100, 1695-1703.	1.0	284
9	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
10	Telomere Biology and Human Phenotype. <i>Cells</i> , 2019, 8, 73.	4.1	235
11	Comparative painting reveals strong chromosome homology over 80 million years of bird evolution. <i>Chromosome Research</i> , 1999, 7, 289-295.	2.2	233
12	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
13	An improved pig reference genome sequence to enable pig genetics and genomics research. <i>GigaScience</i> , 2020, 9, .	6.4	187
14	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
15	Dual fluorescent <i>in situ</i> 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
16	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
17	Copy number variation, chromosome rearrangement, and their association with recombination during avian evolution. <i>Genome Research</i> , 2010, 20, 503-511.	5.5	133
18	Molecular Cytogenetic Definition of the Chicken Genome: The First Complete Avian Karyotype. <i>Genetics</i> , 2004, 166, 1367-1373.	2.9	122

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	The genetic basis of infertility. <i>Reproduction</i> , 2003, 126, 13-25.	2.6	116
22	The Incidence, Origin, and Etiology of Aneuploidy. <i>International Review of Cytology</i> , 1996, 167, 263-296.	6.2	111
23	The molecular basis of chromosome orthologies and sex chromosomal differentiation in palaeognathous birds. <i>Chromosome Research</i> , 2007, 15, 721-734.	2.2	100
24	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
25	Third Report on Chicken Genes and Chromosomes 2015. <i>Cytogenetic and Genome Research</i> , 2015, 145, 78-179.	1.1	97
26	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
27	Assessment of aneuploidy concordance between clinical trophectoderm biopsy and blastocyst. <i>Human Reproduction</i> , 2019, 34, 181-192.	0.9	95
28	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
29	Comparative genomics in chicken and Pekin duck using FISH mapping and microarray analysis. <i>BMC Genomics</i> , 2009, 10, 357.	2.8	81
30	Nutritional modulation of the antioxidant capacities in poultry: the case of vitamin E. <i>Poultry Science</i> , 2019, 98, 4030-4041.	3.4	81
31	Chromosomics: Bridging the Gap between Genomes and Chromosomes. <i>Genes</i> , 2019, 10, 627.	2.4	79
32	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
33	Podcasting by synchronising PowerPoint and voice: What are the pedagogical benefits?. <i>Computers and Education</i> , 2009, 53, 532-539.	8.3	69
34	Comparison of aneuploidy, pregnancy and live birth rates between day 5 and day 6 blastocysts. <i>Reproductive BioMedicine Online</i> , 2014, 29, 305-310.	2.4	68
35	Patterns of microchromosome organization remain highly conserved throughout avian evolution. <i>Chromosoma</i> , 2019, 128, 21-29.	2.2	67
36	Novel Insights into Chromosome Evolution in Birds, Archosaurs, and Reptiles. <i>Genome Biology and Evolution</i> , 2016, 8, 2442-2451.	2.5	66

#	ARTICLE	IF	CITATIONS
37	Chromosomal analysis in IVF: just how useful is it?. <i>Reproduction</i> , 2018, 156, F29-F50.	2.6	66
38	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
39	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
40	Characterization of chromosome structures of Falconinae (Falconidae, Falconiformes, Aves) by chromosome painting and delineation of chromosome rearrangements during their differentiation. <i>Chromosome Research</i> , 2008, 16, 171-181.	2.2	60
41	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
42	The production of pig preimplantation embryos in vitro: Current progress and future prospects. <i>Reproductive Biology</i> , 2018, 18, 203-211.	1.9	58
43	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
44	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
45	A mapping and evolutionary study of porcine sex chromosome gene. <i>Mammalian Genome</i> , 2002, 13, 588-594.	2.2	53
46	Primordial Germ Cell-Mediated Chimera Technology Produces Viable Pure-Line Houbara Bustard Offspring: Potential for Repopulating an Endangered Species. <i>PLoS ONE</i> , 2010, 5, e15824.	2.5	53
47	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
48	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
49	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
50	Live birth after PGD with confirmation by a comprehensive approach (karyomapping) for simultaneous detection of monogenic and chromosomal disorders. <i>Reproductive BioMedicine Online</i> , 2014, 29, 600-605.	2.4	46
51	Impact of sperm DNA chromatin in the clinic. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 157-166.	2.5	46
52	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
53	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
54	The genetic and cytogenetic basis of male infertility. <i>Human Fertility</i> , 2005, 8, 19-26.	1.7	38

#	ARTICLE	IF	CITATIONS
55	Outcomes of blastocysts biopsied and vitrified once versus those cryopreserved twice for euploid blastocyst transfer. <i>Reproductive BioMedicine Online</i> , 2014, 29, 59-64.	2.4	37
56	Preterm infants have significantly longer telomeres than their term born counterparts. <i>PLoS ONE</i> , 2017, 12, e0180082.	2.5	37
57	Novel method for the production of multiple colour chromosome paints for use in karyotyping by fluorescence in situ hybridisation. <i>Journal of Human Genetics</i> , 1999, 25, 241-250.		36
58	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
59	Phenotypic effects of heterozygosity for a BRCA2 mutation. <i>Human Molecular Genetics</i> , 2003, 12, 2645-2656.	2.9	32
60	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
61	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
62	Coordinated transcriptional regulation patterns associated with infertility phenotypes in men. <i>Journal of Medical Genetics</i> , 2007, 44, 498-508.	3.2	30
63	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
64	Novel tools for characterising inter and intra chromosomal rearrangements in avian microchromosomes. <i>Chromosome Research</i> , 2014, 22, 85-97.	2.2	29
65	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
66	Is the Y chromosome disappearing? – Both sides of the argument. <i>Chromosome Research</i> , 2012, 20, 35-45.	2.2	28
67	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
68	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
69	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
70	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
71	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
72	Quantum dots as new-generation fluorochromes for FISH: an appraisal. <i>Chromosome Research</i> , 2009, 17, 519-530.	2.2	24

#	ARTICLE	IF	CITATIONS
73	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
74	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
75	Scoring of sperm chromosomal abnormalities by manual and automated approaches: qualitative and quantitative comparisons. <i>Asian Journal of Andrology</i> , 2010, 12, 257-262.	1.6	24
76	An algorithm for determining the origin of trisomy and the positions of chiasmata from SNP genotype data. <i>Chromosome Research</i> , 2011, 19, 155-163.	2.2	23
77	Digital imaging assisted geometry of chicken eggs using HägelschÄffer's model. <i>Biosystems Engineering</i> , 2020, 197, 45-55.	4.3	23
78	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
79	Nanotechnology and molecular cytogenetics: the future has not yet arrived. <i>Nano Reviews</i> , 2010, 1, 5117.	3.7	22
80	Examination of the Expression of Immunity Genes and Bacterial Profiles in the Caecum of Growing Chickens Infected with Salmonella Enteritidis and Fed a Phytobiotic. <i>Animals</i> , 2019, 9, 615.	2.3	22
81	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
82	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
83	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
84	Hypomethylation and Genetic Instability in Monosomy Blastocysts May Contribute to Decreased Implantation Potential. <i>PLoS ONE</i> , 2016, 11, e0159507.	2.5	20
85	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
86	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
87	Compromised global embryonic transcriptome associated with advanced maternal age. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 915-924.	2.5	18
88	Snake W Sex Chromosome: The Shadow of Ancestral Amniote Super-Sex Chromosome. <i>Cells</i> , 2020, 9, 2386.	4.1	17
89	A novel Egg Quality Index as an alternative to Haugh unit score. <i>Journal of Food Engineering</i> , 2021, 289, 110176.	5.2	17
90	A fast, novel approach for DNA fibre-fluorescence in situ hybridization analysis. <i>Chromosome Research</i> , 1997, 5, 145-147.	2.2	16

#	ARTICLE	IF	CITATIONS
91	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
92	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
93	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
94	All chromosomes great and small: 10 years on. <i>Chromosome Research</i> , 2014, 22, 1-6.	2.2	14
95	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
96	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
97	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
98	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
99	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
100	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
101	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
102	How oviform is the chicken egg? New mathematical insight into the old oomorphological problem. <i>Food Control</i> , 2021, 119, 107484.	5.5	13
103	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
104	Mapping, Sequence, and Expression Analysis of the Human Fertilin β Gene (FTNB). <i>Genomics</i> , 1997, 40, 190-192.	2.9	12
105	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
106	Blastocyst euploidy and implantation rates in a young ($\leq 35\text{Å}years$) and old ($\geq 35\text{Å}years$) presumed fertile and infertile patient population. <i>Fertility and Sterility</i> , 2014, 102, 1318-1323.	1.0	12
107	Technique to $\hat{\epsilon}$ Map Chromosomal Mosaicism at the Blastocyst Stage. <i>Cytogenetic and Genome Research</i> , 2016, 149, 262-266.	1.1	12
108	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

#	ARTICLE	IF	CITATIONS
109	Births from embryos with highly elevated levels of mitochondrial DNA. <i>Reproductive BioMedicine Online</i> , 2019, 39, 403-412.	2.4	11
110	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
111	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
112	A New Approach for Accurate Detection of Chromosome Rearrangements That Affect Fertility in Cattle. <i>Animals</i> , 2020, 10, 114.	2.3	10
113	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
114	Generation of Chromosome Paints: Approach for Increasing Specificity and Intensity of Signals. <i>BioTechniques</i> , 2003, 34, 530-536.	1.8	9
115	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
116	Karyomapping and how is it improving preimplantation genetics?. <i>Expert Review of Molecular Diagnostics</i> , 2017, 17, 611-621.	3.1	9
117	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
118	Cosmid Contigs Spanning 9q34 Including the Candidate Region forTSCI. <i>European Journal of Human Genetics</i> , 1995, 3, 65-77.	2.8	9
119	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
120	A Comprehensive Cytogenetic Analysis of Several Members of the Family Columbidae (Aves.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	2.4	8
121	Chromosomal Preimplantation Genetic Diagnosis: 25 Years and Counting. <i>Journal of Fetal Medicine</i> , 2017, 04, 51-56.	0.1	7
122	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
123	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
124	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
125	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
126	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

#	ARTICLE	IF	CITATIONS
127	Preliminary assessment of aneuploidy rates between the polar, mid and mural trophectoderm. <i>Zygote</i> , 2020, 28, 93-96.	1.1	5
128	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
129	Cytogenetic Evidence Clarifies the Phylogeny of the Family Rhynchocyclidae (Aves: Passeriformes). <i>Cells</i> , 2021, 10, 2650.	4.1	5
130	Why PGT-A, most likely, improves IVF success. <i>Reproductive BioMedicine Online</i> , 2022, 45, 633-637.	2.4	5
131	The role of chromosome segregation and nuclear organisation in human subfertility. <i>Biochemical Society Transactions</i> , 2019, 47, 425-432.	3.4	4
132	Time lapse: A glimpse into prehistoric genomics. <i>European Journal of Medical Genetics</i> , 2020, 63, 103640.	1.3	4
133	HUMAN PRE-IMPLANTATION EMBRYOS ARE PERMISSIVE TO SARS-COV-2 ENTRY. <i>Fertility and Sterility</i> , 2020, 114, e526.	1.0	4
134	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
135	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
136	Blastocysts with disproportionately high mtDNA copy number can result in healthy babies. <i>Reproductive BioMedicine Online</i> , 2019, 38, e25-e26.	2.4	3
137	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
138	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
139	Identification of optimal assisted aspiration conditions of oocytes for use in porcine in vitro maturation: A re-evaluation of the relationship between the cumulus oocyte complex and oocyte quality. <i>Veterinary Medicine and Science</i> , 2021, 7, 465-473.	1.6	2
140	Incidence, Reproductive Outcome, and Economic Impact of Reciprocal Translocations in the Domestic Pig. <i>Dna</i> , 2021, 1, 68-76.	1.3	2
141	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
142	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
143	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
144	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

#	ARTICLE	IF	CITATIONS
145	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
146	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
147	Form from Function, Order from Chaos in Male Germline Chromatin. <i>Genes</i> , 2020, 11, 210.	2.4	1
148	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
149	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
150	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
151	Large Intra-Age Group Variation in Chromosome Abnormalities in Human Blastocysts. <i>Dna</i> , 2021, 1, 91-104.	1.3	1
152	The Joy of preimplantation genetic testing. <i>Reproductive BioMedicine Online</i> , 2021, 43, 977.	2.4	1
153	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
154	The cytogenetics of preimplantation human development: insights provided by traditional and novel techniques. <i>Chromosoma</i> , 2005, 114, 295-299.	2.2	0
155	Validating PGS by probing the karyotypic concordance between ICM and TE. <i>Reproductive BioMedicine Online</i> , 2018, 36, e28.	2.4	0
156	Jurassic Park: What Did the Genomes of Dinosaurs Look Like?. , 2019, , 331-348.		0
157	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
158	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
159	Welcome to DNA – An Open Access Journal. <i>Dna</i> , 2021, 1, 1-2.	1.3	0
160	Revising the Chromosome-Specific Probes of White Hawk (<i>Leucopternis albicollis</i>). , 2020, 76, .		0