

Isothermal whole genome amplification from single and
for preimplantation genetic diagnosis of inherited disease

Molecular Human Reproduction

10, 767-772

DOI: [10.1093/molehr/gah101](https://doi.org/10.1093/molehr/gah101)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Whole-genome amplification: relative efficiencies of the current methods. <i>Legal Medicine</i> , 2005, 7, 279-286.	0.6	55
2	Effects of DNA mass on multiple displacement whole genome amplification and genotyping performance. <i>BMC Biotechnology</i> , 2005, 5, 24.	1.7	65
4	Array comparative genomic hybridization profiling of first-trimester spontaneous abortions that fail to grow in vitro. <i>Prenatal Diagnosis</i> , 2005, 25, 894-900.	1.1	110
6	Multiple mutation analysis of the cystic fibrosis gene in single cells. <i>Molecular Human Reproduction</i> , 2005, 11, 463-468.	1.3	8
7	Genomic DNA Amplification from a Single Bacterium. <i>Applied and Environmental Microbiology</i> , 2005, 71, 3342-3347.	1.4	287
8	Genome amplification of single sperm using multiple displacement amplification. <i>Nucleic Acids Research</i> , 2005, 33, e91-e91.	6.5	84
9	Birth of two healthy females after preimplantation genetic diagnosis for familial amyloid polyneuropathy. <i>Reproductive BioMedicine Online</i> , 2005, 10, 641-644.	1.1	12
10	Clinical application of multiple displacement amplification in preimplantation genetic diagnosis. <i>Reproductive BioMedicine Online</i> , 2005, 10, 376-380.	1.1	76
11	Evaluation of whole-genome amplification using multiple-displacement amplification of a limited number of cells. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006, 44, 1158-60.	1.4	2
12	Preimplantation Genetic Diagnosis. <i>Pediatric Clinics of North America</i> , 2006, 53, 559-577.	0.9	18
13	Embryo aneuploidy screening for repeated implantation failure and unexplained recurrent miscarriage. <i>Reproductive BioMedicine Online</i> , 2006, 13, 38-46.	1.1	35
14	Proof of principle and first cases using preimplantation genetic haplotyping – a paradigm shift for embryo diagnosis. <i>Reproductive BioMedicine Online</i> , 2006, 13, 110-119.	1.1	138
15	Single cell PCR amplification of microsatellites flanking the COL7A1 gene and suitability for preimplantation genetic diagnosis of Hallopeauâ€™Siemens recessive dystrophic epidermolysis bullosa. <i>Journal of Dermatological Science</i> , 2006, 42, 241-248.	1.0	24
16	Preimplantation genetic diagnosis of Marfan syndrome using multiple displacement amplification. <i>Fertility and Sterility</i> , 2006, 86, 949-955.	0.5	41
17	Towards the analysis of the genomes of single cells: Further characterisation of the multiple displacement amplification. <i>Gene</i> , 2006, 372, 1-7.	1.0	27
18	Experience in preimplantation genetic diagnosis for exclusion of homozygous β^0 thalassemia. <i>Prenatal Diagnosis</i> , 2006, 26, 1029-1036.	1.1	30
19	Sequencing genomes from single cells by polymerase cloning. <i>Nature Biotechnology</i> , 2006, 24, 680-686.	9.4	388
20	Whole-genome multiple displacement amplification from single cells. <i>Nature Protocols</i> , 2006, 1, 1965-1970.	5.5	260

#	ARTICLE	IF	CITATIONS
21	Optimization and evaluation of single-cell whole-genome multiple displacement amplification. <i>Human Mutation</i> , 2006, 27, 496-503.	1.1	137
22	Multiple displacement amplification to create a long-lasting source of DNA for genetic studies. <i>Human Mutation</i> , 2006, 27, 603-614.	1.1	95
23	Multiple displacement amplification improves PGD for fragile X syndrome. <i>Molecular Human Reproduction</i> , 2006, 12, 647-652.	1.3	60
25	Single molecule transcription profiling with AFM. <i>Nanotechnology</i> , 2007, 18, 044032.	1.3	17
26	Mutation and haplotype analysis for Duchenne muscular dystrophy by single cell multiple displacement amplification. <i>Molecular Human Reproduction</i> , 2007, 13, 431-436.	1.3	35
27	Multiple Molecular Analyses From Minimal Cell Quantities by Sequential Isolation and Pre-amplification of DNA and RNA. <i>Diagnostic Molecular Pathology</i> , 2007, 16, 141-146.	2.1	1
28	Whole genome amplification from single cells in preimplantation genetic diagnosis and prenatal diagnosis. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2007, 131, 13-20.	0.5	45
29	Preimplantation genetic diagnosis of X-linked adrenoleukodystrophy with gender determination using multiple displacement amplification. <i>Fertility and Sterility</i> , 2007, 88, 1327-1333.	0.5	17
30	Preimplantation genetic diagnosis for monogenic diseases: overview and emerging issues. <i>Expert Review of Molecular Diagnostics</i> , 2007, 7, 33-43.	1.5	43
32	Comparison of two whole genome amplification methods for STR genotyping of LCN and degraded DNA samples. <i>Forensic Science International</i> , 2007, 166, 35-41.	1.3	66
33	Decreasing amplification bias associated with multiple displacement amplification and short tandem repeat genotyping. <i>Analytical Biochemistry</i> , 2007, 368, 222-229.	1.1	34
34	Determination of the genetic status of cleavage-stage human embryos by microsatellite marker analysis following multiple displacement amplification. <i>Prenatal Diagnosis</i> , 2007, 27, 206-215.	1.1	43
35	Whole genome amplification from a single cell: a new era for preimplantation genetic diagnosis. <i>Prenatal Diagnosis</i> , 2007, 27, 297-302.	1.1	62
36	Efficient Isothermal Amplification of the Entire Genome from Single Cells. <i>Methods in Molecular Medicine</i> , 2007, 132, 87-99.	0.8	6
37	Increasing amplification success of forensic DNA samples using multiple displacement amplification. <i>Forensic Science, Medicine, and Pathology</i> , 2007, 3, 182-187.	0.6	5
38	Amplification of multiple genomic loci from single cells isolated by laser micro-dissection of tissues. <i>BMC Biotechnology</i> , 2008, 8, 17.	1.7	69
39	Alpha-thalassaemia. <i>Seminars in Fetal and Neonatal Medicine</i> , 2008, 13, 215-222.	1.1	29
40	Delivery of a normal baby after preimplantation genetic diagnosis for non-ketotic hyperglycinaemia. <i>Reproductive BioMedicine Online</i> , 2008, 16, 893-897.	1.1	10

#	ARTICLE	IF	CITATIONS
41	Preimplantation genetic diagnosis: technological advances to improve accuracy and range of applications. <i>Reproductive BioMedicine Online</i> , 2008, 16, 532-538.	1.1	27
42	Whole Genome Amplification with Phi29 DNA Polymerase to Enable Genetic or Genomic Analysis of Samples of Low DNA Yield. <i>Methods in Molecular Biology</i> , 2008, 439, 1-18.	0.4	54
43	Can comparative genomic hybridization improve <i>in vitro</i> fertilization outcomes?. <i>Expert Review of Obstetrics and Gynecology</i> , 2008, 3, 51-58.	0.4	1
44	A procedure for highly specific, sensitive, and unbiased whole-genome amplification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15499-15504.	3.3	91
45	Improved multiple displacement amplification with Φ 29 DNA polymerase for genotyping of single human cells. <i>BioTechniques</i> , 2008, 44, 879-890.	0.8	40
46	Preimplantation genetic diagnosis for monogenic disorders: multiplex PCR and whole-genome amplification for gene analysis at the single cell level. , 0, , 237-246.		1
47	Three Novel CFTR Polymorphic Repeats Improve Segregation Analysis for Cystic Fibrosis. <i>Clinical Chemistry</i> , 2009, 55, 1372-1379.	1.5	36
48	Specific and complete human genome amplification with improved yield achieved by phi29 DNA polymerase and a novel primer at elevated temperature. <i>BMC Research Notes</i> , 2009, 2, 48.	0.6	24
49	PGD for monogenic disorders: aspects of molecular biology. <i>Prenatal Diagnosis</i> , 2009, 29, 50-56.	1.1	55
50	Evaluation of genome coverage and fidelity of multiple displacement amplification from single cells by SNP array. <i>Molecular Human Reproduction</i> , 2009, 15, 739-747.	1.3	36
51	Preimplantation genetic diagnosis for Duchenne muscular dystrophy by multiple displacement amplification. <i>Fertility and Sterility</i> , 2009, 91, 359-364.	0.5	20
52	An efficient and reliable DNA extraction method for preimplantation genetic diagnosis: a comparison of allele drop out and amplification rates using different single cell lysis methods. <i>Fertility and Sterility</i> , 2009, 92, 814-818.	0.5	15
53	Singleton birth after preimplantation genetic diagnosis for Huntington disease using whole genome amplification. <i>Fertility and Sterility</i> , 2009, 92, 828.e7-828.e10.	0.5	18
54	Whole genome amplification of the rust <i>Puccinia striiformis</i> f. sp. <i>tritici</i> from single spores. <i>Journal of Microbiological Methods</i> , 2009, 77, 229-234.	0.7	11
55	Genomic DNA amplification by the multiple displacement amplification (MDA) method. <i>Biochemical Society Transactions</i> , 2009, 37, 450-453.	1.6	131
56	Molecular comparison of single cell MDA products derived from different cell types. <i>Reproductive BioMedicine Online</i> , 2009, 19, 89-98.	1.1	23
57	PGD for X-linked and gender-dependent disorders using a robust, flexible single-tube PCR protocol. <i>Reproductive BioMedicine Online</i> , 2009, 19, 418-425.	1.1	5
58	Pregnancy after preimplantation genetic diagnosis for brachydactyly type B. <i>Reproductive BioMedicine Online</i> , 2009, 18, 127-131.	1.1	4

#	ARTICLE	IF	CITATIONS
59	Advances in Nucleic Acid Detection and Quantification. Biochemical Society Transactions, 2009, 37, e1-e4.	1.6	1
61	Birth of a healthy infant following preimplantation PKHD1 haplotyping for autosomal recessive polycystic kidney disease using multiple displacement amplification. Journal of Assisted Reproduction and Genetics, 2010, 27, 397-407.	1.2	36
62	Development and successful clinical application of preimplantation genetic haplotyping for Herlitz junctional epidermolysis bullosa. British Journal of Dermatology, 2010, 162, 1330-1336.	1.4	21
63	New multiplex PCR-based protocol allowing indirect diagnosis of FSHD on single cells: can PGD be offered despite high risk of recombination?. European Journal of Human Genetics, 2010, 18, 533-538.	1.4	15
64	Preimplantation Genetic Diagnosis. , 2010, , 485-500.		0
65	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.	1.5	335
66	Preclinical validation of a microarray method for full molecular karyotyping of blastomeres in a 24-h protocol. Human Reproduction, 2010, 25, 1066-1075.	0.4	222
67	Preimplantation genetic haplotyping: 127 diagnostic cycles demonstrating a robust, efficient alternative to direct mutation testing on single cells. Reproductive BioMedicine Online, 2010, 20, 470-476.	1.1	78
68	Preimplantation genetic diagnosis after 20years. Reproductive BioMedicine Online, 2010, 21, 280-282.	1.1	41
69	What next for preimplantation genetic screening? A polar body approach!. Human Reproduction, 2010, 25, 575-577.	0.4	99
70	Genomic Analysis at the Single-Cell Level. Annual Review of Genetics, 2011, 45, 431-445.	3.2	187
71	Whole-genome amplification-based GenomiPhi for multiple genomic analysis of individual early porcine embryos. Theriogenology, 2011, 75, 1543-1549.	0.9	9
72	First successful application of preimplantation genetic diagnosis and haplotyping for congenital hyperinsulinism. Reproductive BioMedicine Online, 2011, 22, 72-79.	1.1	18
73	The state of the art of in vitro fertilization. Frontiers in Bioscience - Elite, 2011, E3, 264-278.	0.9	3
74	Methodology Multiple displacement amplification for preimplantation genetic diagnosis of fragile X syndrome. Genetics and Molecular Research, 2011, 10, 2851-2859.	0.3	11
75	Sex and PRNP Genotype Determination in Preimplantation Caprine Embryos. Reproduction in Domestic Animals, 2011, 46, 656-663.	0.6	4
76	Whole genome amplification in preimplantation genetic diagnosis. Journal of Zhejiang University: Science B, 2011, 12, 1-11.	1.3	51
77	Digital MDA for enumeration of total nucleic acid contamination. Nucleic Acids Research, 2011, 39, e19-e19.	6.5	107

#	ARTICLE	IF	CITATIONS
78	Single-cell whole-genome amplification technique impacts the accuracy of SNP microarray-based genotyping and copy number analyses. <i>Molecular Human Reproduction</i> , 2011, 17, 335-343.	1.3	97
79	Genome-Wide Analysis of Human Preimplantation Aneuploidy. <i>Seminars in Reproductive Medicine</i> , 2012, 30, 283-288.	0.5	18
80	A Short and Simple Improved-Primer Extension Preamplification (I-PEP) Procedure for Whole Genome Amplification (WGA) of Bovine Cells. <i>Animal Biotechnology</i> , 2012, 23, 24-42.	0.7	6
81	Molecular Genetic Analysis of Single Cells. <i>Seminars in Reproductive Medicine</i> , 2012, 30, 267-282.	0.5	13
82	Molecular strategies for pre-implantation genetic diagnosis of single gene and chromosomal disorders. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2012, 26, 551-559.	1.4	5
83	Characterization of whole genome amplified (WGA) DNA for use in genotyping assay development. <i>BMC Genomics</i> , 2012, 13, 217.	1.2	34
84	A methodological overview on molecular preimplantation genetic diagnosis and screening: a genomic future?. <i>Systems Biology in Reproductive Medicine</i> , 2012, 58, 289-300.	1.0	6
85	Molecular origin of mitotic aneuploidies in preimplantation embryos. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1921-1930.	1.8	119
86	Preimplantation Genetic Testing: Current Status and Future Prospects. , 0, , .		3
87	Array-Based Approaches in Prenatal Diagnosis. <i>Methods in Molecular Biology</i> , 2012, 838, 151-171.	0.4	13
88	Methods for comprehensive chromosome screening of oocytes and embryos: capabilities, limitations, and evidence of validity. <i>Journal of Assisted Reproduction and Genetics</i> , 2012, 29, 381-390.	1.2	43
89	A NEW METHOD FOR OBTAINING NUCLEAR GENE SEQUENCES FROM FIELD SAMPLES AND TAXONOMIC REVISIONS OF THE PHOTOSYNTHETIC EUGLENOIDS <i><i>LEPOCINCLIS (EUGLENA) HELICOIDEUS</i></i> AND <i><i>LEPOCINCLIS (PHACUS) HORRIDUS</i></i> (EUGLENOPHYTA) ¹ . <i>Journal of Phycology</i> , 2012, 48, 254-260.	1.0	27
90	Human Gametes and Preimplantation Embryos. , 2013, , .		8
91	24-chromosome copy number analysis: a comparison of available technologies. <i>Fertility and Sterility</i> , 2013, 100, 595-602.	0.5	105
92	Assessment of MDA efficiency for genotyping using cloned embryo biopsies. <i>Genomics</i> , 2013, 101, 24-29.	1.3	25
93	Sequencing of isolated sperm cells for direct haplotyping of a human genome. <i>Genome Research</i> , 2013, 23, 826-832.	2.4	66
94	Diagnosis and prevention of thalassemia. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2013, 50, 125-141.	2.7	20
95	Single Nucleotide Polymorphisms and Next Generation Sequencing. , 2013, , 135-145.		4

#	ARTICLE	IF	CITATIONS
96	Simultaneous genomic identification and profiling of a single cell using semiconductor-based next generation sequencing. <i>Applied & Translational Genomics</i> , 2014, 3, 70-77.	2.1	0
97	Limitations of Embryo Selection Methods. <i>Seminars in Reproductive Medicine</i> , 2014, 32, 127-133.	0.5	24
98	A novel whole genome amplification method using type IIS restriction enzymes to create overhangs with random sequences. <i>Journal of Biotechnology</i> , 2014, 184, 1-6.	1.9	4
99	Preimplantation Genetic Diagnosis in Clinical Practice. , 2014, , .		4
100	Whole-genome amplification for the detection of molecular targets and minimal residual disease monitoring in acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 2014, 165, 341-348.	1.2	3
101	Embryonic aneuploidy: overcoming molecular genetics challenges improves outcomes and changes practice patterns. <i>Trends in Molecular Medicine</i> , 2014, 20, 499-508.	3.5	9
103	Live births following karyomapping – a key milestone in the development of preimplantation genetic diagnosis. <i>Reproductive BioMedicine Online</i> , 2015, 31, 307-308.	1.1	16
104	Multiple displacement amplification of the <sc>DNA</sc> from single flow-sorted plant chromosome. <i>Plant Journal</i> , 2015, 84, 838-844.	2.8	25
105	Recent advances in preimplantation genetic diagnosis. <i>Advances in Genomics and Genetics</i> , 2015, , 189.	0.8	1
106	Preimplantation genetic diagnosis in Welsh pony embryos after biopsy and cryopreservation ^{1,2} . <i>Journal of Animal Science</i> , 2015, 93, 5222-5231.	0.2	10
107	Genetics. <i>Obstetrics and Gynecology Clinics of North America</i> , 2015, 42, 193-208.	0.7	21
108	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.	1.2	57
109	Assessing the utility of whole genome amplified <sc>DNA</sc> for next-generation molecular ecology. <i>Molecular Ecology Resources</i> , 2015, 15, 1079-1090.	2.2	26
110	Polar Body Diagnosis (PBD): An Alternative and Supplement to Preimplantation Diagnosis for Single Embryo Transfer. , 2015, , 103-121.		0
111	Contemporary molecular tools in microbial ecology and their application to advancing biotechnology. <i>Biotechnology Advances</i> , 2015, 33, 1755-1773.	6.0	31
112	Karyomapping identifies second polar body DNA persisting to the blastocyst stage: implications for embryo biopsy. <i>Reproductive BioMedicine Online</i> , 2015, 31, 776-782.	1.1	18
113	Bias in Whole Genome Amplification: Causes and Considerations. <i>Methods in Molecular Biology</i> , 2015, 1347, 15-41.	0.4	92
114	Pre-implantation genetic diagnosis and screening: now and the future. <i>Gynecological Endocrinology</i> , 2015, 31, 755-759.	0.7	20

#	ARTICLE	IF	CITATIONS
115	nbCNV: a multi-constrained optimization model for discovering copy number variants in single-cell sequencing data. BMC Bioinformatics, 2016, 17, 384.	1.2	17
116	Challenges facing contemporary preimplantation genetic screening. Current Opinion in Obstetrics and Gynecology, 2016, 28, 151-157.	0.9	11
117	Identification of Novel Microsatellite Markers <1 Mb from the HTT CAG Repeat and Development of a Single-Tube Tridecaplex PCR Panel of Highly Polymorphic Markers for Preimplantation Genetic Diagnosis of Huntington Disease. Clinical Chemistry, 2016, 62, 1096-1105.	1.5	6
118	Preimplantation Genetic Diagnosis (PGD) for Monogenic Disorders: the Value of Concurrent Aneuploidy Screening. Journal of Genetic Counseling, 2016, 25, 1327-1337.	0.9	35
119	Evolution of Metastatic Disease: The Need for Monitoring and Emerging Therapeutic Opportunities. Current Cancer Research, 2016, , 271-292.	0.2	0
120	Circulating Tumor Cells. Current Cancer Research, 2016, , .	0.2	6
121	Single-cell analysis of CTCs with diagnostic precision: opportunities and challenges for personalized medicine. Expert Review of Molecular Diagnostics, 2016, 16, 25-38.	1.5	30
122	Bioinformatics approaches to single-cell analysis in developmental biology. Molecular Human Reproduction, 2016, 22, 182-192.	1.3	18
123	Accuracy of preimplantation genetic diagnosis in equine in vivo-recovered and in vitro-produced blastocysts. Reproduction, Fertility and Development, 2016, 28, 1382.	0.1	13
124	Preimplantation genetic diagnosis/screening by comprehensive molecular testing. Reproductive Medicine and Biology, 2016, 15, 13-19.	1.0	6
125	Single-Tube Dodecaplex PCR Panel of Polymorphic Microsatellite Markers Closely Linked to the DMPK CTG Repeat for Preimplantation Genetic Diagnosis of Myotonic Dystrophy Type 1. Clinical Chemistry, 2017, 63, 1127-1140.	1.5	2
126	Karyomapping and how is it improving preimplantation genetics?. Expert Review of Molecular Diagnostics, 2017, 17, 611-621.	1.5	9
127	Chromosomal Preimplantation Genetic Diagnosis: 25 Years and Counting. Journal of Fetal Medicine, 2017, 04, 51-56.	0.1	7
128	A Total-variation Constrained Permutation Model for Revealing Common Copy Number Patterns. Scientific Reports, 2017, 7, 9666.	1.6	1
129	Preimplantation Genetic Diagnosis. , 2017, , 407-421.		0
130	Performance comparison of two whole genome amplification techniques in frame of multifactor preimplantation genetic testing. Journal of Assisted Reproduction and Genetics, 2018, 35, 1457-1472.	1.2	5
131	Frequencies of chromosome-specific mosaicisms in trophoectoderm biopsies detected by next-generation sequencing. Fertility and Sterility, 2018, 109, 857-865.	0.5	33
132	â€˜Designer babiesâ€™ almost thirty years on. Reproduction, 2018, 156, F75-F79.	1.1	10

#	ARTICLE	IF	CITATIONS
133	Multiple displacement amplification as the first step can increase the diagnostic efficiency of preimplantation genetic testing for monogenic disease for β -thalassaemia. <i>Journal of Obstetrics and Gynaecology Research</i> , 2019, 45, 1515-1521.	0.6	4
134	Identification of Novel Microsatellite Markers Flanking the SMN1 and SMN2 Duplicated Region and Inclusion Into a Single-Tube Tridecaplex Panel for Haplotype-Based Preimplantation Genetic Testing of Spinal Muscular Atrophy. <i>Frontiers in Genetics</i> , 2019, 10, 1105.	1.1	3
135	Preimplantation genetic testing for monogenic diseases. , 2020, , 243-254.		0
136	Chromosomal mosaicism in human blastocysts: the ultimate diagnostic dilemma. <i>Human Reproduction Update</i> , 2020, 26, 313-334.	5.2	105
137	The role of prenatal diagnosis following preimplantation genetic testing for single-gene conditions: A historical overview of evolving technologies and clinical practice. <i>Prenatal Diagnosis</i> , 2020, 40, 647-651.	1.1	18
138	Template length, concentration and guanidine and cytosine content influence on multiple displacement amplification efficiency. <i>Journal of Microbiological Methods</i> , 2021, 181, 106146.	0.7	4
139	Pregnancy and Neonatal Outcomes after Transfer of Mosaic Embryos: A Review. <i>Journal of Clinical Medicine</i> , 2021, 10, 1369.	1.0	25
140	Personalized genome structure via single gamete sequencing. <i>Genome Biology</i> , 2021, 22, 112.	3.8	10
142	Preimplantation Genetic Testing for Monogenic Conditions: Is Cell-Free DNA Testing the Next Step?. <i>Molecular Diagnosis and Therapy</i> , 2021, 25, 683-690.	1.6	4
144	Recent advances and application in whole-genome multiple displacement amplification. <i>Quantitative Biology</i> , 2020, 8, 279-294.	0.3	9
145	Detection of Chromosomal Structural Alterations in Single Cells by SNP Arrays: A Systematic Survey of Amplification Bias and Optimized Workflow. <i>PLoS ONE</i> , 2007, 2, e1306.	1.1	38
146	Parallel Single Cancer Cell Whole Genome Amplification Using Button-Valve Assisted Mixing in Nanoliter Chambers. <i>PLoS ONE</i> , 2014, 9, e107958.	1.1	21
147	Human embryo biopsy procedures. , 2012, , 197-211.		2
148	Preimplantation Genetic Diagnosis: Prenatal Testing for Embryos Finally Achieving Its Potential. <i>Journal of Clinical Medicine</i> , 2014, 3, 280-309.	1.0	44
149	Embryo genome profiling by single-cell sequencing for successful preimplantation genetic diagnosis in a family harboring COL4A1 c.1537G>A; p.G513S mutation. <i>Journal of Human Reproductive Sciences</i> , 2016, 9, 200.	0.4	3
150	USE OF MULTIPLE DISPLACEMENT AMPLIFICATION TO INCREASE THE DETECTION AND GENOTYPING OF TRYPANOSOMA SPECIES SAMPLES IMMOBILIZED ON FTA FILTERS. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 76, 1132-1137.	0.6	29
151	Preimplantation genetic diagnosis. <i>Journal of the Korean Medical Association</i> , 2015, 58, 979.	0.1	3
152	Pushing the limits of whole genome amplification: successful sequencing of RADseq library from a single microhymenopteran (Chalcidoidea, <i>Trichogramma</i>). <i>PeerJ</i> , 2018, 6, e5640.	0.9	21

#	ARTICLE	IF	CITATIONS
153	Refining the evolutionary time machine: An assessment of whole genome amplification using single historical <i>Daphnia</i> eggs. <i>Molecular Ecology Resources</i> , 2022, 22, 946-961.	2.2	3
154	Preimplantation Genetic Diagnosis. , 2006, , 313-330.		0
155	Generation of Disease-specific Human Embryonic Stem Cell Lines. <i>Human Cell Culture</i> , 2007, , 17-25.	0.1	0
157	Chapter 8. Looking at the DNA of a Single Cell. <i>RSC Nanoscience and Nanotechnology</i> , 2010, , 73-80.	0.2	0
158	Preimplantation testing: Transition from genetic to genomic diagnosis. <i>World Journal of Medical Genetics</i> , 2012, 2, 9.	1.0	0
160	Application of Hot Start PCR Method in PCR-based Preimplantation Genetic Diagnosis. <i>Journal of Genetic Medicine</i> , 2012, 9, 11-16.	0.1	0
161	Genetic analysis of the embryo. , 2012, , 354-365.		0
162	Quantitative SNP Array and Real-Time PCR-Based Human Preimplantation Embryo Aneuploidy Screening. , 2013, , 157-161.		0
163	A Review of Isothermal Nucleic Acid Amplification Technologies. , 2013, , 363-392.		0
165	Development of a Rapid Foodborne-pathogen-detection Method Involving Whole-genome Amplification. <i>Korean Journal of Food Science and Technology</i> , 2016, 48, 128-132.	0.0	1
166	Preimplantation Genetic Diagnosis and Genetic Screening. , 2017, , 329-343.		0
167	Pre-implantation Genetic Testing. , 2017, , 259-272.		0
168	Karyomapping in Preimplantation Genetic Testing of Patients with Beta-thalassemia and Sickle Cell Anemia. <i>Anadolu Kliniği Tıp Bilimleri Dergisi</i> , 2019, 24, 59-66.	0.1	0
171	Use of multiple displacement amplification to increase the detection and genotyping of trypanosoma species samples immobilized on FTA filters. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 76, 1132-7.	0.6	13
172	Expanding and Improving the Service for Testing Single Embryonic Cells by Preimplantation Genetic Haplotyping. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2007, 18, 126-129.	0.7	0
178	Whole Genome Amplification in Preimplantation Genetic Testing in the Era of Massively Parallel Sequencing. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4819.	1.8	16
179	IVF as a mirror of evolution. <i>Russian Journal of Human Reproduction</i> , 2022, 28, 81.	0.1	1
181	Twelve years of assessing the quality of preimplantation genetic testing for monogenic disorders. <i>Prenatal Diagnosis</i> , 2023, 43, 506-515.	1.1	0

#	ARTICLE	IF	CITATIONS
184	Preimplantation genetic testing for hereditary hearing loss in Chinese population. Journal of Assisted Reproduction and Genetics, 0, , .	1.2	0
187	Preimplantation genetic testing. , 2024, , 253-271.		0