

The effect of sperm DNA fragmentation on miscarriage meta-analysis

Human Reproduction

27, 2908-2917

DOI: [10.1093/humrep/des261](https://doi.org/10.1093/humrep/des261)

Citation Report

#	ARTICLE	IF	CITATIONS
2	Zeta potential vs apoptotic marker: which is more suitable for ICSI sperm selection?. <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 1181-1186.	1.2	27
3	Isolation of spermatozoa with low levels of fragmented DNA with the use of flow cytometry and sorting. <i>Fertility and Sterility</i> , 2013, 100, 686-694.e4.	0.5	20
4	The impact of sperm DNA damage in assisted conception and beyond: recent advances in diagnosis and treatment. <i>Reproductive BioMedicine Online</i> , 2013, 27, 325-337.	1.1	228
5	New insights into mechanisms behind miscarriage. <i>BMC Medicine</i> , 2013, 11, 154.	2.3	396
6	Evaluation of sperm head shape at high magnification revealed correlation of sperm DNA fragmentation with aberrant head ellipticity and angularity. <i>Fertility and Sterility</i> , 2013, 99, 1573-1580.e1.	0.5	34
7	Conceptualising a Child-Centric Paradigm. <i>Journal of Bioethical Inquiry</i> , 2013, 10, 369-381.	0.9	10
8	Andrology is desperate for a new assay – Let us make sure we get it right this time! Middle East Fertility Society Journal, 2013, 18, 82-83.	0.5	5
9	Evolution and the variation of mammalian sex ratios at birth: Reflections on Trivers and Willard (1973). <i>Journal of Theoretical Biology</i> , 2013, 334, 141-148.	0.8	36
10	Sperm DNA and chromatin integrity in semen samples used for intrauterine insemination. <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 1519-1524.	1.2	30
11	The impact of semen quality, occupational exposure to environmental factors and lifestyle on recurrent pregnancy loss. <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 1513-1518.	1.2	45
12	Protective effects of in vitro treatment with zinc, d-aspartate and coenzyme q10 on human sperm motility, lipid peroxidation and DNA fragmentation. <i>Reproductive Biology and Endocrinology</i> , 2013, 11, 81.	1.4	106
14	Issues of ICSI as a Procedure. <i>Journal of Mammalian Ova Research</i> , 2013, 30, 127-134.	0.1	1
15	Sperm DNA fragmentation testing: To do or not to do?. <i>Middle East Fertility Society Journal</i> , 2013, 18, 78.	0.5	5
16	Is Sperm DNA Integrity Assessment Useful?. <i>Journal of Urology</i> , 2013, 190, 1645-1647.	0.2	13
17	The place of sperm DNA fragmentation testing in current day fertility management. <i>Middle East Fertility Society Journal</i> , 2013, 18, 78-82.	0.5	30
18	Aneuploidy rates for chromosomes X/Y and 18 among preselected spermatozoa in men with severe teratospermia. <i>Reproductive BioMedicine Online</i> , 2013, 27, 280-285.	1.1	7
19	Sperm DNA damage has a negative association with live-birth rates after IVF. <i>Reproductive BioMedicine Online</i> , 2013, 26, 68-78.	1.1	169
20	Sperm DNA and chromatin integrity in semen samples used for intrauterine insemination. <i>Fertility and Sterility</i> , 2013, 100, S219.	0.5	0

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21	In Vitro fertilization and intracytoplasmic sperm injection outcome in patients with a markedly high DNA fragmentation index (>50%). <i>Fertility and Sterility</i> , 2013, 100, 75-80.	0.5	55
22	Sperm selection using magnetic activated cell sorting (MACS) in assisted reproduction: a systematic review and meta-analysis. <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 479-485.	1.2	112
23	Semen analysis: update on clinical value, current needs and future perspectives. <i>Reproduction</i> , 2013, 146, R249-R258.	1.1	33
24	Structural and Functional Integrity of Spermatozoa Is Compromised as a Consequence of Acute Uropathogenic <i>E. coli</i> -Associated Epididymitis. <i>Biology of Reproduction</i> , 2013, 89, 59.	1.2	42
25	Novel insights into the genetic and epigenetic paternal contribution to the human embryo. <i>Clinics</i> , 2013, 68, 5-14.	0.6	93
26	The source and significance of DNA damage in human spermatozoa; a commentary on diagnostic strategies and straw man fallacies. <i>Molecular Human Reproduction</i> , 2013, 19, 475-485.	1.3	133
27	Telomere lengths in human pronuclei, oocytes and spermatozoa. <i>Molecular Human Reproduction</i> , 2013, 19, 510-518.	1.3	71
28	Histone Acetylation Level and Histone Acetyltransferase/Deacetylase Activity in Ejaculated Sperm from Normozoospermic Men. <i>Yonsei Medical Journal</i> , 2014, 55, 1333.	0.9	26
29	The Development of a Sperm Cryopreservation and Thawing Method Based on Species-Specific and Common Sperm Biology. <i>Journal of Mammalian Ova Research</i> , 2014, 31, 96-101.	0.1	1
30	Assessment of density gradient centrifugation (DGC) and sperm chromatin dispersion (SCD) measurements in couples with male factor infertility undergoing ICSI. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 1655-1663.	1.2	33
31	Antioxidants for male subfertility. <i>The Cochrane Library</i> , 2014, , CD007411.	1.5	163
32	Aborto recurrente. Aproximación diagnóstica para un complejo síndrome reproductivo. <i>Revista Médica Clínica Las Condes</i> , 2014, 25, 898-907.	0.2	0
33	X-Y Interactions Underlie Sperm Head Abnormality in Hybrid Male House Mice. <i>Genetics</i> , 2014, 196, 1231-1240.	1.2	22
34	Evidence-based management of recurrent miscarriages. <i>Journal of Human Reproductive Sciences</i> , 2014, 7, 159.	0.4	92
35	Effect of Antioxidants on Sperm Genetic Damage. <i>Advances in Experimental Medicine and Biology</i> , 2014, 791, 173-189.	0.8	31
36	Genetic Damage in Human Spermatozoa. <i>Advances in Experimental Medicine and Biology</i> , 2014, , .	0.8	11
37	Sperm DNA Fragmentation and Base Oxidation. <i>Advances in Experimental Medicine and Biology</i> , 2014, 791, 103-116.	0.8	17
38	Which isolated sperm abnormality is most related to sperm DNA damage in men presenting for infertility evaluation. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 527-532.	1.2	35

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39	Diagnostic accuracy of sperm chromatin dispersion test to evaluate sperm deoxyribonucleic acid damage in men with unexplained infertility. <i>Fertility and Sterility</i> , 2014, 101, 58-63.e3.	0.5	96
40	Assessing sperm chromatin and <scp>DNA</scp> damage: clinical importance and development of standards. <i>Andrology</i> , 2014, 2, 322-325.	1.9	40
41	Unexplained Recurrent Pregnancy Loss. <i>Obstetrics and Gynecology Clinics of North America</i> , 2014, 41, 157-166.	0.7	47
42	Sperm deoxyribonucleic acid damage in normozoospermic men is related to age and sperm progressive motility. <i>Fertility and Sterility</i> , 2014, 101, 1588-1593.	0.5	69
43	A translational medicine appraisal of specialized andrology testing in unexplained male infertility. <i>International Urology and Nephrology</i> , 2014, 46, 1037-1052.	0.6	86
44	How to overcome male infertility after 40: Influence of paternal age on fertility. <i>Maturitas</i> , 2014, 78, 22-29.	1.0	86
45	Correlation between aneuploidy, apoptotic markers and DNA fragmentation in spermatozoa from normozoospermic patients. <i>Reproductive BioMedicine Online</i> , 2014, 28, 492-502.	1.1	36
47	Mesoporous silica nanoparticles: a potential targeted delivery vector for reproductive biology?. <i>Nanomedicine</i> , 2014, 9, 557-560.	1.7	12
48	Sins of the fathers: sperm DNA damage in the context of assisted reproduction. <i>Human Reproduction</i> , 2014, 29, 2356-2358.	0.4	3
49	Whether sperm deoxyribonucleic acid fragmentation has an effect on pregnancy and miscarriage after in vitro fertilization/intracytoplasmic sperm injection: a systematic review and meta-analysis. <i>Fertility and Sterility</i> , 2014, 102, 998-1005.e8.	0.5	289
50	Functional Sperm Testing and the Role of Proteomics in the Evaluation of Male Infertility. <i>Urology</i> , 2014, 84, 255-261.	0.5	27
51	Development of a simplified method of human semen storage for the testing of sperm DNA fragmentation using the Halosperm G2 test kit. <i>Fertility and Sterility</i> , 2014, 102, 981-988.	0.5	25
52	Seminal hyperviscosity is not associated with semenogelin degradation or sperm deoxyribonucleic acid damage: a prospective study of infertile couples. <i>Fertility and Sterility</i> , 2014, 101, 1599-1603.	0.5	3
53	Identification and Preparation of Sperm for ART. <i>Urologic Clinics of North America</i> , 2014, 41, 169-180.	0.8	18
54	Structural Genomic Variation as Risk Factor for Idiopathic Recurrent Miscarriage. <i>Human Mutation</i> , 2014, 35, 972-982.	1.1	33
55	The Office Visit. <i>Urologic Clinics of North America</i> , 2014, 41, 19-37.	0.8	19
56	First Pregnancy, Somatic and Psychological Status of a 4-Year-Old Child Born following Annexin V TESA Sperm Separation. <i>AJP Reports</i> , 2015, 05, e105-e108.	0.4	8
57	Maternal Nutrition and Its Influence on the Health of the Next Generation: The Developmental Origins Hypothesis, 2015, , 124-145.		0

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59	Impact of sperm genome decay on Day 3 embryo chromosomal abnormalities from advanced maternal age patients. <i>Molecular Reproduction and Development</i> , 2015, 82, 809-819.	1.0	15
60	Evaluation of DNA fragmentation in teratozoospermic infertile men compared with normozoospermic fertile men and its correlation with sperm morphology. <i>Human Andrology</i> , 2015, 5, 82-85.	0.2	1
61	Sperm DNA fragmentation, recurrent implantation failure and recurrent miscarriage. <i>Asian Journal of Andrology</i> , 2015, 17, 681.	0.8	65
62	A Simple Sperm DNA Toroid Integrity Test and Risk of Miscarriage. <i>BioMed Research International</i> , 2015, 2015, 1-7.	0.9	4
63	Prognostic Factors for IVF Success: Diagnostic Testing and Evidence-Based Interventions. <i>Seminars in Reproductive Medicine</i> , 2015, 33, 065-076.	0.5	13
64	Role and Significance of Sperm Function in Men with Unexplained Infertility. , 2015, , 91-119.		2
65	DNA hypomethylation predisposes sperm to DNA damage in individuals with varicocele. <i>Systems Biology in Reproductive Medicine</i> , 2015, 61, 179-186.	1.0	56
66	Relationships between mild PM10 and ozone urban air levels and spontaneous abortion: clues for primary prevention. <i>International Journal of Environmental Health Research</i> , 2015, 25, 640-655.	1.3	29
67	Approaches for identifying germ cell mutagens: Report of the 2013 IWGT workshop on germ cell assays. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015, 783, 36-54.	0.9	69
68	Sperm morphological normality under high magnification predicts laboratory and clinical outcomes in couples undergoing ICSI. <i>Human Fertility</i> , 2015, 18, 81-86.	0.7	10
69	Acupuncture during ART. , 2015, , 237-274.		2
70	Motile Sperm Organelle Morphology Examination (MSOME). , 2015, , 81-90.		2
71	Damage to Sperm DNA Mediated by Reactive Oxygen Species: Its Impact on Human Reproduction and the Health Trajectory of Offspring. <i>Advances in Experimental Medicine and Biology</i> , 2015, 868, 23-47.	0.8	57
72	The Male Role in Pregnancy Loss and Embryo Implantation Failure. <i>Advances in Experimental Medicine and Biology</i> , 2015, , .	0.8	3
74	Effects of increased paternal age on sperm quality, reproductive outcome and associated epigenetic risks to offspring. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 35.	1.4	272
75	Comparison of reproductive outcome in oligozoospermic men with high sperm DNA fragmentation undergoing intracytoplasmic sperm injection with ejaculated and testicular sperm. <i>Fertility and Sterility</i> , 2015, 104, 1398-1405.	0.5	195
76	Biomarker-Based Flow Cytometric Semen Analysis for Male Infertility Diagnostics and Clinical Decision Making in ART. , 2015, , 33-51.		2
77	Comparison of Methods for Assessment of Sperm DNA Damage (Fragmentation) and Implications for the Assisted Reproductive Technologies. , 2015, , 53-71.		2

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78	Increased chromosome 16 disomy rates in human spermatozoa and recurrent spontaneous abortions. <i>Fertility and Sterility</i> , 2015, 104, 1130-1137.e10.	0.5	26
79	Effect of testicular spermatozoa on embryo quality and pregnancy in patients with non-obstructive azoospermia. <i>Systems Biology in Reproductive Medicine</i> , 2015, 61, 300-306.	1.0	12
81	The effect of cryopreservation on the genome of gametes and embryos: principles of cryobiology and critical appraisal of the evidence. <i>Human Reproduction Update</i> , 2015, 21, 209-227.	5.2	231
82	Reproductive performance: at the cross-road of genetics, technologies and environment. <i>Reproduction, Fertility and Development</i> , 2015, 27, 1.	0.1	3
83	The effect of sperm DNA fragmentation on live birth rate after IVF or ICSI: a systematic review and meta-analysis. <i>Reproductive BioMedicine Online</i> , 2015, 30, 120-127.	1.1	251
84	Transient exposure to <i>Chlamydia trachomatis</i> can induce alteration of sperm function which cannot be stopped by sperm washing. <i>Middle East Fertility Society Journal</i> , 2015, 20, 48-53.	0.5	3
86	Novel Sperm Tests and Their Importance. , 2015, , 23-40.		4
87	Non-apoptotic Sperm Selection. , 2015, , 69-79.		0
88	Clinical utility of sperm DNA fragmentation testing: practice recommendations based on clinical scenarios. <i>Translational Andrology and Urology</i> , 2016, 5, 935-950.	0.6	310
89	A new micro swim-up procedure for sperm preparation in ICSI treatments: preliminary microbiological testing. <i>Jornal Brasileiro De Reproducao Assistida</i> , 2016, 20, 94-8.	0.3	7
90	Analysis of semen parameters during 2 weeks of daily ejaculation: a first in humans study. <i>Translational Andrology and Urology</i> , 2016, 5, 749-755.	0.6	18
91	Varicocele "a case for early intervention. <i>F1000Research</i> , 2016, 5, 1792.	0.8	11
92	Specialized sperm function tests in varicocele and the future of andrology laboratory. <i>Asian Journal of Andrology</i> , 2016, 18, 205.	0.8	76
93	An Update on Oxidative Damage to Spermatozoa and Oocytes. <i>BioMed Research International</i> , 2016, 2016, 1-11.	0.9	81
94	Sperm Chromatin Dispersion Test before Sperm Preparation Is Predictive of Clinical Pregnancy in Cases of Unexplained Infertility Treated with Intrauterine Insemination and Induction with Clomiphene Citrate. <i>Frontiers in Medicine</i> , 2016, 3, 63.	1.2	34
95	Outcome of assisted reproductive technology in men with treated and untreated varicocele: systematic review and meta-analysis. <i>Asian Journal of Andrology</i> , 2016, 18, 254.	0.8	87
96	Seminal biomarkers for the evaluation of male infertility. <i>Asian Journal of Andrology</i> , 2016, 18, 426.	0.8	113
97	Should we evaluate and treat sperm DNA fragmentation?. <i>Current Opinion in Obstetrics and Gynecology</i> , 2016, 28, 164-171.	0.9	125

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98	Intervention improves assisted conception intracytoplasmic sperm injection outcomes for patients with high levels of sperm DNA fragmentation: a retrospective analysis. <i>Andrology</i> , 2016, 4, 903-910.	1.9	96
99	Reduced sperm DNA longevity is associated with an increased incidence of still born; evidence from a multi-ovulating sequential artificial insemination animal model. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 1231-1238.	1.2	13
100	A comprehensive investigation of sperm DNA damage and oxidative stress injury in infertile patients with subclinical, normozoospermic, and asthenozoospermic clinical varicocele. <i>Andrology</i> , 2016, 4, 816-824.	1.9	77
101	Hyaluronic Acid Binding Sperm Selection for assisted reproduction treatment (HABSelect): study protocol for a multicentre randomised controlled trial. <i>BMJ Open</i> , 2016, 6, e012609.	0.8	22
102	Sperm DNA damage and its role in IVF and ICSI. <i>Basic and Clinical Andrology</i> , 2016, 26, 15.	0.8	47
103	Pregnancy prediction by free sperm DNA and sperm DNA fragmentation in semen specimens of IVF/ICSI-ET patients. <i>Human Fertility</i> , 2016, 19, 56-62.	0.7	33
104	Turning the corner in fertility: high DNA integrity of boundary-following sperm. <i>Lab on A Chip</i> , 2016, 16, 2418-2422.	3.1	42
105	Applicability of the comet assay in evaluation of DNA damage in healthcare providers™ working with antineoplastic drugs: a systematic review and meta-analysis. <i>International Journal of Occupational and Environmental Health</i> , 2016, 22, 52-67.	1.2	14
106	Impacto del estrés oxidativo en la dinámica de fragmentación del ADN espermático. <i>Medicina Reproductiva Y Embriología Clínica</i> , 2016, 3, 137-143.	0.1	0
107	High level of DNA fragmentation in sperm of Lebanese infertile men using Sperm Chromatin Dispersion test. <i>Middle East Fertility Society Journal</i> , 2016, 21, 269-276.	0.5	13
108	Novel concepts in male factor infertility: clinical and laboratory perspectives. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 1319-1335.	1.2	76
109	Does advancing male age influence the expression levels and localisation patterns of phospholipase C zeta (PLCζ) in human sperm?. <i>Scientific Reports</i> , 2016, 6, 27543.	1.6	22
110	Developmental origins of male subfertility: role of infection, inflammation, and environmental factors. <i>Seminars in Immunopathology</i> , 2016, 38, 765-781.	2.8	30
111	Comparative Cytogenetic Analysis of Spontaneous Abortions in Recurrent and Sporadic Pregnancy Losses. <i>Biomedicine Hub</i> , 2016, 1, 1-11.	0.4	28
113	Terminal deoxynucleotidyl transferase dUTP nick end labeling (TUNEL) assay using bench top flow cytometer for evaluation of sperm DNA fragmentation in fertility laboratories: protocol, reference values, and quality control. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 291-300.	1.2	98
114	Simultaneous Holographic Microscopy and Raman Spectroscopy Monitoring of Human Spermatozoa Photodegradation. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2016, 22, 27-34.	1.9	21
115	Histone retention, protein carbonylation, and lipid peroxidation in spermatozoa: Possible role in recurrent pregnancy loss. <i>Systems Biology in Reproductive Medicine</i> , 2016, 62, 201-212.	1.0	25
116	Male Factors in Recurrent Pregnancy Loss. , 2016, , 109-129.		0

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117	Hyaluronic Acid Binding Assay Is Highly Sensitive to Select Human Spermatozoa with Good Progressive Motility, Morphology, and Nuclear Maturity. <i>Gynecologic and Obstetric Investigation</i> , 2016, 81, 244-250.	0.7	20
118	Sperm DNA fragmentation and mitochondrial membrane potential combined are better for predicting natural conception than standard sperm parameters. <i>Fertility and Sterility</i> , 2016, 105, 637-644.e1.	0.5	52
119	Sperm deoxyribonucleic acid fragmentation assessment in normozoospermic male partners of couples with unexplained recurrent pregnancy loss: a prospective study. <i>Fertility and Sterility</i> , 2016, 105, 329-336.e1.	0.5	56
120	Oocyte activation deficiency: a role for an oocyte contribution?. <i>Human Reproduction Update</i> , 2016, 22, 23-47.	5.2	110
121	Sperm DNA fragmentation in cryopreserved samples from subjects with different cancers. <i>Reproduction, Fertility and Development</i> , 2017, 29, 637.	0.1	13
122	The assessment of sperm DNA fragmentation in the saltwater crocodile (<i>Crocodylus porosus</i>). <i>Reproduction, Fertility and Development</i> , 2017, 29, 630.	0.1	12
123	Sperm DNA fragmentation in miscarriage – a promising diagnostic, or a test too far?. <i>Reproductive BioMedicine Online</i> , 2017, 34, 3-4.	1.1	9
124	Inter- and intra-laboratory standardization of <sc>TUNEL</sc> assay for assessment of sperm <sc>DNA</sc> fragmentation. <i>Andrology</i> , 2017, 5, 477-485.	1.9	67
125	Unexplained recurrent miscarriages are associated with an aberrant sperm protamine mRNA content. <i>Human Reproduction</i> , 2017, 32, 1574-1582.	0.4	29
126	The use of nutraceuticals in male sexual and reproductive disturbances: position statement from the Italian Society of Andrology and Sexual Medicine (SIAMS). <i>Journal of Endocrinological Investigation</i> , 2017, 40, 1389-1397.	1.8	29
127	Genetics of recurrent miscarriage and fetal loss. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2017, 42, 11-25.	1.4	54
128	Sedimentation properties in density gradients correspond with levels of sperm DNA fragmentation, chromatin compaction and binding affinity to hyaluronic acid. <i>Reproductive BioMedicine Online</i> , 2017, 34, 298-311.	1.1	22
129	Tabaco y fertilidad. <i>EMC - Ginecología-Obstetricia</i> , 2017, 53, 1-5.	0.0	1
130	Combined aerobic and resistance exercise training for improving reproductive function in infertile men: a randomized controlled trial. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 1293-1306.	0.9	27
131	Positive rheotaxis extended drop: a one-step procedure to select and recover sperm with mature chromatin for intracytoplasmic sperm injection. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 1699-1708.	1.2	25
132	Reproductive outcomes of testicular versus ejaculated sperm for intracytoplasmic sperm injection among men with high levels of DNA fragmentation in semen: systematic review and meta-analysis. <i>Fertility and Sterility</i> , 2017, 108, 456-467.e1.	0.5	165
133	Paternal and maternal preconception urinary phthalate metabolite concentrations and child behavior. <i>Environmental Research</i> , 2017, 158, 720-728.	3.7	36
134	Review: Diagnosis and impact of sperm DNA alterations in assisted reproduction. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2017, 44, 38-56.	1.4	115

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135	Interâ€ and Intraâ€ Laboratory Standardization of TUNEL Assay for Assessment of Sperm DNA Fragmentation. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2017, 74, 16.11.1-16.11.22.	1.1	12
136	What Mutagenic Events Contribute to Human Cancer and Genetic Disease?. , 2017, , 61-110.		0
137	Role of Disulfide Bonds on DNA Packaging Forces in Bull Sperm Chromatin. Biophysical Journal, 2017, 113, 1925-1933.	0.2	35
138	Paternal and maternal urinary phthalate metabolite concentrations and birth weight of singletons conceived by subfertile couples. Environment International, 2017, 107, 55-64.	4.8	34
139	Sperm DNA fragmentation in Italian couples with recurrent pregnancy loss. Reproductive BioMedicine Online, 2017, 34, 58-65.	1.1	68
140	FSH treatment in infertile males candidate to assisted reproduction improved sperm DNA fragmentation and pregnancy rate. Endocrine, 2017, 56, 416-425.	1.1	34
141	Recurrent pregnancy loss: current perspectives. International Journal of Women's Health, 2017, Volume 9, 331-345.	1.1	272
142	Impact of sperm DNA fragmentation on clinical <i>in vitro</i> fertilization outcomes. Clinical and Experimental Reproductive Medicine, 2017, 44, 224.	0.5	17
143	ICSI significantly improved the pregnancy rate of patients with a high sperm DNA fragmentation index. Clinical and Experimental Reproductive Medicine, 2017, 44, 132.	0.5	19
144	Sperm DNA fragmentation and sex chromosome aneuploidy after swim-up versus density gradient centrifugation. Clinical and Experimental Reproductive Medicine, 2017, 44, 201.	0.5	17
145	The Impact of Aging on Fertility: Similarities and Differences between Ovaries and Testes. , 2017, , .		0
146	Sperm DNA fragmentation testing in male infertility work-up: are we ready?. Translational Andrology and Urology, 2017, 6, S580-S582.	0.6	8
147	Unlabeled Semen Analysis by Means of the Holographic Imaging. , 0, , .		0
148	The Society for Translational Medicine: clinical practice guidelines for sperm DNA fragmentation testing in male infertility. Translational Andrology and Urology, 2017, 6, S720-S733.	0.6	97
149	Sperm DNA fragmentation in clinical practice. Translational Andrology and Urology, 2017, 6, S544-S546.	0.6	3
150	Live birth must be the primary reproductive endpoint in IVF/ICSI studies evaluating sperm DNA fragmentation testing. Translational Andrology and Urology, 2017, 6, S564-S565.	0.6	4
151	Clinical utility of sperm DNA fragmentation testing: practice recommendations based on clinical scenarios. Translational Andrology and Urology, 2017, 6, S574-S576.	0.6	7
152	Should sperm DNA fragmentation testing be routinely used in assessing male infertility?. Translational Andrology and Urology, 2017, 6, S699-S701.	0.6	5

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153	Clinical usefulness of sperm DNA fragmentation testing. <i>Translational Andrology and Urology</i> , 2017, 6, S484-S487.	0.6	4
154	Sperm DNA fragmentation testing: a cross sectional survey on current practices of fertility specialists. <i>Translational Andrology and Urology</i> , 2017, 6, S710-S719.	0.6	46
155	Clinical utility of sperm DNA fragmentation testing: concise practice recommendations. <i>Translational Andrology and Urology</i> , 2017, 6, S366-S373.	0.6	24
156	A Strengths-Weaknesses-Opportunities-Threats (SWOT) analysis on the clinical utility of sperm DNA fragmentation testing in specific male infertility scenarios. <i>Translational Andrology and Urology</i> , 2017, 6, S734-S760.	0.6	35
157	Some relevant points on sperm DNA fragmentation tests. <i>Translational Andrology and Urology</i> , 2017, 6, S560-S563.	0.6	7
158	Understanding sperm DNA fragmentation. <i>Translational Andrology and Urology</i> , 2017, 6, S535-S538.	0.6	6
159	The complex nature of the sperm DNA damage process. <i>Translational Andrology and Urology</i> , 2017, 6, S557-S559.	0.6	16
160	The role of female factors in the management of sperm DNA fragmentation. <i>Translational Andrology and Urology</i> , 2017, 6, S488-S490.	0.6	4
161	An evidence-based perspective on the role of sperm chromatin integrity and sperm DNA fragmentation testing in male infertility. <i>Translational Andrology and Urology</i> , 2017, 6, S665-S672.	0.6	12
162	Is the sperm DNA status the best predictor of both natural and assisted conception?. <i>Translational Andrology and Urology</i> , 2017, 6, S594-S596.	0.6	4
163	Use of sperm DNA fragmentation testing and testicular sperm for intracytoplasmic sperm injection. <i>Translational Andrology and Urology</i> , 2017, 6, S688-S690.	0.6	3
164	Insights on the predictive accuracy of the sperm DNA fragmentation tests on male infertility. <i>Translational Andrology and Urology</i> , 2017, 6, S644-S646.	0.6	3
165	Sperm DNA Damage and Oocyte Repair Capability. , 2018, , 321-346.		9
166	A systematic review on sperm DNA fragmentation in male factor infertility: Laboratory assessment. <i>Arab Journal of Urology Arab Association of Urology</i> , 2018, 16, 65-76.	0.7	72
167	Preconception and prenatal urinary concentrations of phenols and birth size of singleton infants born to mothers and fathers from the Environment and Reproductive Health (EARTH) study. <i>Environment International</i> , 2018, 114, 60-68.	4.8	52
169	ESHRE guideline: recurrent pregnancy loss. <i>Human Reproduction Open</i> , 2018, 2018, hoy004.	2.3	498
171	Proteomic analysis of sperm proteins in infertile men with high levels of reactive oxygen species. <i>Andrologia</i> , 2018, 50, e13015.	1.0	21
172	The effect of human sperm chromatin maturity on ICSI outcomes. <i>Human Cell</i> , 2018, 31, 220-231.	1.2	9

#	ARTICLE	IF	CITATIONS
173	Spermatogenesis: Fertile Ground for Contributing to Recurrent Implantation Failure?. , 2018, , 33-58.		1
174	The use of follicle stimulating hormone (FSH) for the treatment of the infertile man: position statement from the Italian Society of Andrology and Sexual Medicine (SIAMS). Journal of Endocrinological Investigation, 2018, 41, 1107-1122.	1.8	51
175	Paternal age: Negative impact on sperm genome decays and IVF outcomes after 40 years. Molecular Reproduction and Development, 2018, 85, 271-280.	1.0	70
177	Guidance and Self-Sorting of Active Swimmers: 3D Periodic Arrays Increase Persistence Length of Human Sperm Selecting for the Fittest. Advanced Science, 2018, 5, 1700531.	5.6	53
178	Implications of Sperm Source on ICSI Outcome: Assessment of TESE and Other Surgical Sperm Retrieval Methods. , 2018, , 157-168.		0
179	Assessment of Sperm DNA Integrity and Implications for the Outcome of ICSI Treatments. , 2018, , 63-84.		0
180	Sperm Evaluation Using the Comet Assay. , 2018, , 85-98.		0
181	Tolerance to paternal genotoxic damage promotes survival during embryo development in zebrafish (<i>Danio rerio</i>). Biology Open, 2018, 7, .	0.6	15
182	Recomendaciones para el estudio genético e inmunológico en la disfunción reproductiva. Medicina Clínica, 2018, 151, 161.e1-161.e12.	0.3	0
183	Effect of varicocele repair on sperm DNA fragmentation: a review. International Urology and Nephrology, 2018, 50, 583-603.	0.6	85
184	Paternal age as an independent factor does not affect embryo quality and pregnancy outcomes of testicular sperm extraction-intracytoplasmic sperm injection in azoospermia. Andrologia, 2018, 50, e12864.	1.0	11
185	Sperm DNA fragmentation index does not correlate with blastocyst euploidy rate in egg donor cycles. Gynecological Endocrinology, 2018, 34, 212-216.	0.7	15
186	Evaluation of sperm DNA quality in men presenting with testicular cancer and lymphoma using alkaline and neutral Comet assays. Andrology, 2018, 6, 230-235.	1.9	20
187	Role of sperm DNA fragmentation in male factor infertility: A systematic review. Arab Journal of Urology Arab Association of Urology, 2018, 16, 21-34.	0.7	90
188	Effects of <i>Chlamydia trachomatis</i> infection on sperm chromatin condensation and DNA integrity. Andrologia, 2018, 50, e12918.	1.0	12
189	Effect of bovine sperm chromatin integrity evaluated using three different methods on in vitro fertility. Theriogenology, 2018, 107, 142-148.	0.9	27
190	The aging male: Relationship between male age, sperm quality and sperm DNA damage in an unselected population of 3124 men attending the fertility centre for the first time. Archivio Italiano Di Urologia Andrologia, 2018, 90, 254-259.	0.4	25
191	Testicular versus ejaculated sperm should be used for intracytoplasmic sperm injection (ICSI) in cases of infertility associated with sperm DNA fragmentation Opinion: Yes. International Braz J Urol: Official Journal of the Brazilian Society of Urology, 2018, 44, 667-675.	0.7	16

#	ARTICLE	IF	CITATIONS
192	The relationship between sperm DNA fragmentation, free radicals and antioxidant capacity with idiopathic repeated pregnancy loss. <i>Reproductive Biology</i> , 2018, 18, 330-335.	0.9	48
193	Effects of FSH on Sperm DNA Fragmentation: Review of Clinical Studies and Possible Mechanisms of Action. <i>Frontiers in Endocrinology</i> , 2018, 9, 734.	1.5	24
194	Is sperm DNA fragmentation a useful test that identifies a treatable cause of male infertility?. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2018, 53, 11-19.	1.4	17
195	High sperm <scp>DNA</scp> fragmentation delays human embryo kinetics when oocytes from young and healthy donors are microinjected. <i>Andrology</i> , 2018, 6, 697-706.	1.9	54
196	Fatherhood and Sperm DNA Damage in Testicular Cancer Patients. <i>Frontiers in Endocrinology</i> , 2018, 9, 506.	1.5	26
197	Recommendations regarding the genetic and immunological study of reproductive dysfunction. <i>Medicina Clínica (English Edition)</i> , 2018, 151, 161.e1-161.e12.	0.1	0
198	What should be done for men with sperm DNA fragmentation?. <i>Clinical and Experimental Reproductive Medicine</i> , 2018, 45, 101-109.	0.5	32
199	Use of testicular sperm for intracytoplasmic sperm injection in men with high sperm DNA fragmentation: a SWOT analysis. <i>Asian Journal of Andrology</i> , 2018, 20, 1.	0.8	58
200	Effects of different cryopreservation methods on DNA integrity and sperm chromatin quality in men. <i>Andrology</i> , 2018, 6, 829-835.	1.9	42
201	Biochemical pregnancy loss after frozen embryo transfer seems independent of embryo developmental stage and chromosomal status. <i>Reproductive BioMedicine Online</i> , 2018, 37, 349-357.	1.1	26
202	Intracytoplasmic sperm injection for male infertility and consequences for offspring. <i>Nature Reviews Urology</i> , 2018, 15, 535-562.	1.9	158
203	Should a Couple with Failed In Vitro Fertilization or Intracytoplasmic Sperm Injection and Elevated Sperm DNA Fragmentation Use Testicular Sperm for the Next Cycle?. <i>European Urology Focus</i> , 2018, 4, 296-298.	1.6	15
204	Sperm DNA fragmentation index as a promising predictive tool for male infertility diagnosis and treatment management – meta-analyses. <i>Reproductive BioMedicine Online</i> , 2018, 37, 315-326.	1.1	146
205	Unexplained Recurrent Miscarriage: A Dilemma. , 2018, , 149-156.		1
206	Future Research Strategies and Directions in Recurrent Pregnancy Loss. , 2018, , 283-292.		0
207	Effects of Antiretroviral Therapy on Sperm DNA Integrity of HIV-1-Infected Men. <i>American Journal of Men's Health</i> , 2018, 12, 1835-1842.	0.7	18
208	Sperm DNA fragmentation index, as measured by sperm chromatin dispersion, might not predict assisted reproductive outcome. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2018, 57, 493-498.	0.5	38
209	Stain-free interferometric phase microscopy correlation with DNA fragmentation stain in human spermatozoa. <i>Journal of Biophotonics</i> , 2018, 11, e201800137.	1.1	10

#	ARTICLE	IF	CITATIONS
210	Use of testicular sperm in nonazoospermic males. <i>Fertility and Sterility</i> , 2018, 109, 981-987.	0.5	13
212	Association between semen quality among men with different occupational exposures and risk of recurrent spontaneous abortion in island residents. <i>Traditional Medicine and Modern Medicine</i> , 2019, 02, 49-57.	0.2	0
214	Sperm DNA Fragmentation: Mechanisms of Origin. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1166, 75-85.	0.8	51
215	Sperm DNA Fragmentation: Consequences for Reproduction. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1166, 87-105.	0.8	43
216	Interventions to Prevent Sperm DNA Damage Effects on Reproduction. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1166, 119-148.	0.8	17
217	Can trophectoderm RNA analysis predict human blastocyst competency?. <i>Systems Biology in Reproductive Medicine</i> , 2019, 65, 312-325.	1.0	16
218	Semen Analysis and Sperm Function Tests. , 2019, , 48-54.		0
219	Microfluidics: a way to interrogate a single sperm?. <i>Fertility and Sterility</i> , 2019, 112, 808.	0.5	1
220	Antioxidants for male subfertility. <i>The Cochrane Library</i> , 2019, 2019, CD007411.	1.5	145
221	Novel use of COMET parameters of sperm DNA damage may increase its utility to diagnose male infertility and predict live births following both IVF and ICSI. <i>Human Reproduction</i> , 2019, 34, 1915-1923.	0.4	36
222	Removal of DNA-fragmented spermatozoa using flow cytometry and sorting does not improve the outcome of intracytoplasmic sperm injection. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 2079-2086.	1.2	8
223	Male age: negative impact on sperm DNA fragmentation. <i>Aging</i> , 2019, 11, 2749-2761.	1.4	25
224	Microsurgical varicocelectomy: novel applications to optimize patient outcomes. <i>Fertility and Sterility</i> , 2019, 112, 632-639.	0.5	3
225	Evaluation of Sperm DNA Fragmentation via Halosperm Technique and TUNEL Assay Before and After Cryopreservation. <i>Reproductive Sciences</i> , 2019, 26, 1575-1581.	1.1	15
226	Clinical utility of sperm DNA damage in male infertility. <i>Panminerva Medica</i> , 2019, 61, 118-127.	0.2	19
227	Effect of sperm dosage transportation in stallions: Effect on sperm DNA fragmentation. <i>Animal Reproduction Science</i> , 2019, 206, 38-45.	0.5	2
228	Sperm DNA fragmentation and recurrent pregnancy loss: a systematic review and meta-analysis. <i>Fertility and Sterility</i> , 2019, 112, 54-60.e3.	0.5	157
229	Sperm DNA damage and its impact on male reproductive health: a critical review for clinicians, reproductive professionals and researchers. <i>Expert Review of Molecular Diagnostics</i> , 2019, 19, 443-457.	1.5	27

#	ARTICLE	IF	CITATIONS
230	Sperm chromatin structure assay high DNA stainability sperm as a marker of early miscarriage after intracytoplasmic sperm injection. <i>Fertility and Sterility</i> , 2019, 112, 46-53.e2.	0.5	38
231	Effect of Sperm DNA Fragmentation on Embryo Quality in Normal Responder Women in In Vitro Fertilization and Intracytoplasmic Sperm Injection. <i>Yonsei Medical Journal</i> , 2019, 60, 461.	0.9	22
232	What are the effects of vitamin C on sperm functional properties during direct swim-up procedure?. <i>Zygote</i> , 2019, 27, 69-77.	0.5	13
233	Prenatal exposure to parabens and anthropometric birth outcomes: A systematic review. <i>Environmental Research</i> , 2019, 173, 419-431.	3.7	28
234	Evaluating the role of paternal factors in aetiology and prognosis of recurrent pregnancy loss: study protocol for a hospital-based multicentre caseâ€”control study and cohort study (REMI III project). <i>BMJ Open</i> , 2019, 9, e033095.	0.8	3
235	Male ageing is negatively associated with the chance of live birth in IVF/ICSI cycles for idiopathic infertility. <i>Human Reproduction</i> , 2019, 34, 2523-2532.	0.4	43
236	Association between sperm DNA fragmentation and idiopathic recurrent pregnancy loss: a systematic review and meta-analysis. <i>Reproductive BioMedicine Online</i> , 2019, 38, 951-960.	1.1	77
237	Review of current guidelines for recurrent pregnancy loss: new strategies for optimal evaluation of women who may be superfertile. <i>Seminars in Perinatology</i> , 2019, 43, 105-115.	1.1	22
238	Reduced Testicular Steroidogenesis and Increased Semen Oxidative Stress in Male Partners as Novel Markers of Recurrent Miscarriage. <i>Clinical Chemistry</i> , 2019, 65, 161-169.	1.5	32
239	Therapeutic options in male genital tract inflammation. <i>Andrologia</i> , 2019, 51, e13207.	1.0	40
240	Comparison of DNA fragmentation levels in spermatozoa with different sex chromosome complements. <i>Reproductive BioMedicine Online</i> , 2019, 38, 56-65.	1.1	2
241	Chromatin condensation, fragmentation of DNA and differences in the epigenetic signature of infertile men. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2019, 33, 117-126.	2.2	22
242	Genetics and Genomics of Recurrent Pregnancy Loss. , 2019, , 463-494.		5
243	An update on clinical and surgical interventions to reduce sperm DNA fragmentation in infertile men. <i>Andrology</i> , 2020, 8, 53-81.	1.9	69
244	The current status and future of andrology: A consensus report from the Cairo workshop group. <i>Andrology</i> , 2020, 8, 27-52.	1.9	28
245	Recurrent Pregnancy Loss: Investigations and Interventions. , 2020, , .		0
246	The 1999 and 2010 WHO reference values for human semen analysis to predict sperm DNA damage: A comparative study. <i>Reproductive Biology</i> , 2020, 20, 379-383.	0.9	3
247	Is there a role for phosphodiesterase inhibitors in the treatment of male subfertility?. <i>Human Fertility</i> , 2020, , 1-11.	0.7	1

#	ARTICLE	IF	CITATIONS
248	Study on the protective effect of hydroalcoholic Olive Leaf extract (oleuropein) on the testis and sperm parameters in adult male NMRI mice exposed to Mancozeb. <i>Gene Reports</i> , 2020, 21, 100870.	0.4	3
249	Antioxidant pretreatment for male partner before ART for male factor subfertility: a randomized controlled trial. <i>Human Reproduction Open</i> , 2020, 2020, hoaa050.	2.3	11
250	PICSI vs. MACS for abnormal sperm DNA fragmentation ICSI cases: a prospective randomized trial. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 2605-2613.	1.2	20
251	Effects of testicular sperm aspiration upon first cycle ICSI-ET for type 2 diabetic male patients. <i>Systems Biology in Reproductive Medicine</i> , 2020, 66, 355-363.	1.0	4
252	Does sperm DNA fragmentation have negative impact on embryo morphology and morphokinetics in IVF programme?. <i>Andrologia</i> , 2020, 52, e13798.	1.0	9
253	DNA fragmentation of sperm: a radical examination of the contribution of oxidative stress and age in 16% semen samples. <i>Human Reproduction</i> , 2020, 35, 2188-2196.	0.4	45
254	Implications of ram sperm rheotaxis analysed by microfluidics for fertility. <i>Reproduction in Domestic Animals</i> , 2020, 55, 1541-1547.	0.6	6
255	Magnetic-Activated Cell Sorting (MACS): A Useful Sperm-Selection Technique in Cases of High Levels of Sperm DNA Fragmentation. <i>Journal of Clinical Medicine</i> , 2020, 9, 3976.	1.0	24
256	Advanced paternal age is associated with an increased risk of spontaneous miscarriage: a systematic review and meta-analysis. <i>Human Reproduction Update</i> , 2020, 26, 650-669.	5.2	130
257	Effect of Letrozole on sperm parameters, chromatin status and ROS level in idiopathic Oligo/Asthenozoospermia. <i>Reproductive Biology and Endocrinology</i> , 2020, 18, 47.	1.4	19
258	DNA Fragmentation in Viable and Non-Viable Spermatozoa Discriminates Fertile and Subfertile Subjects with Similar Accuracy. <i>Journal of Clinical Medicine</i> , 2020, 9, 1341.	1.0	5
259	Illicit drug use and fertility treatment: should we be developing a standard operating procedure?. <i>Human Fertility</i> , 2020, , 1-9.	0.7	0
260	Female ageing affects the DNA repair capacity of oocytes in IVF using a controlled model of sperm DNA damage in mice. <i>Human Reproduction</i> , 2020, 35, 529-544.	0.4	54
261	Comparison of different mathematical models to assess seasonal variations in the longevity of DNA integrity of cooled-stored stallion sperm. <i>Andrologia</i> , 2020, 52, e13545.	1.0	1
262	Advanced sperm testing. <i>Current Opinion in Urology</i> , 2020, 30, 290-295.	0.9	6
263	Increasing associations between defects in phospholipase C zeta and conditions of male infertility: not just ICSI failure?. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 1273-1293.	1.2	20
264	Conventional semen analysis and advanced sperm function tests in diagnosis and management of varicocele. <i>Andrologia</i> , 2021, 53, e13629.	1.0	10
265	Etiologies of sperm DNA damage and its impact on male infertility. <i>Andrologia</i> , 2021, 53, e13706.	1.0	41

#	ARTICLE	IF	CITATIONS
266	Comparative analysis of tests used to assess sperm chromatin integrity and DNA fragmentation. <i>Andrologia</i> , 2021, 53, e13718.	1.0	27
267	Sperm selection strategies and their impact on assisted reproductive technology outcomes. <i>Andrologia</i> , 2021, 53, e13725.	1.0	23
268	Male Factors: the Role of Sperm in Preimplantation Embryo Quality. <i>Reproductive Sciences</i> , 2021, 28, 1788-1811.	1.1	15
269	TUNEL assay—Standardized method for testing sperm DNA fragmentation. <i>Andrologia</i> , 2021, 53, e13738.	1.0	34
270	Best laboratory practices and therapeutic interventions to reduce sperm DNA damage. <i>Andrologia</i> , 2021, 53, e13736.	1.0	7
271	Sperm DNA fragmentation is a novel biomarker for early pregnancy loss. <i>Reproductive BioMedicine Online</i> , 2021, 42, 175-184.	1.1	19
272	Paternal mixtures of urinary concentrations of phthalate metabolites, bisphenol A and parabens in relation to pregnancy outcomes among couples attending a fertility center. <i>Environment International</i> , 2021, 146, 106171.	4.8	23
273	A scientometric analysis of research publications on male infertility and assisted reproductive technology. <i>Andrologia</i> , 2021, 53, e13842.	1.0	6
274	Assessing the impact of semen quality on embryo development in an egg donation model. <i>F&S Reports</i> , 2021, 2, 22-29.	0.4	4
275	Sperm DNA fragmentation testing: Summary evidence and clinical practice recommendations. <i>Andrologia</i> , 2021, 53, e13874.	1.0	121
276	Highly Cited Articles in the Field of Male Infertility and Antioxidants: A Scientometric Analysis. <i>World Journal of Men's Health</i> , 2021, 39, 760.	1.7	3
278	The Use of Testicular Sperm for Intracytoplasmic Sperm Injection in Patients with High Sperm DNA Damage: A Systematic Review. <i>World Journal of Men's Health</i> , 2021, 39, 391.	1.7	14
279	Sperm DNA fragmentation on the day of fertilisation is not associated with assisted reproductive technique outcome independently of gamete quality. <i>Human Fertility</i> , 2022, 25, 706-715.	0.7	7
280	Random sperm DNA fragmentation index is not associated with clinical outcomes in day-3 frozen embryo transfer. <i>Asian Journal of Andrology</i> , 2022, 24, 109.	0.8	7
281	In vitro ameliorative effects of ellagic acid on vitality, motility and DNA quality in human spermatozoa. <i>Molecular Reproduction and Development</i> , 2021, 88, 167-174.	1.0	16
282	European Association of Urology Guidelines Panel on Male Sexual and Reproductive Health: A Clinical Consultation Guide on the Indications for Performing Sperm DNA Fragmentation Testing in Men with Infertility and Testicular Sperm Extraction in Nonazoospermic Men. <i>European Urology Focus</i> , 2022, 8, 339-350.	1.6	39
283	DNA Fragmentation in Human Spermatozoa and Pregnancy Rates after Intrauterine Insemination. Should the DFI Threshold Be Lowered?. <i>Journal of Clinical Medicine</i> , 2021, 10, 1310.	1.0	7
284	Semen parameters on the intracytoplasmic sperm injection day: Predictive values and cutoff thresholds of success. <i>Clinical and Experimental Reproductive Medicine</i> , 2021, 48, 61-68.	0.5	3

#	ARTICLE	IF	CITATIONS
285	The Endometrial Immune Profiling May Positively Affect the Management of Recurrent Pregnancy Loss. <i>Frontiers in Immunology</i> , 2021, 12, 656701.	2.2	16
286	Male sperm quality and risk of recurrent spontaneous abortion in Chinese couples. <i>Medicine (United Tj ETQq1 1 0.784314 rgBT /Ove</i>	0.4	9
287	Physiology of the Male Reproductive System. , 2021, , 13-27.		0
288	Sperm DNA fragmentation and male fertility: a retrospective study of 5114 men attending a reproductive center. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 1133-1141.	1.2	13
289	The Association Among Maternal Index of Nutritional Quality, Dietary Antioxidant Index, and Odds of Miscarriage Incidence: Case-Control Study. <i>Journal of the American College of Nutrition</i> , 2022, 41, 310-317.	1.1	4
290	Outcomes of donor versus partner sperm in intrauterine insemination in women aged 38 years and older. <i>International Journal of Gynecology and Obstetrics</i> , 2021, , .	1.0	1
291	Clinical Value of Sperm Function Tests. , 2021, , 234-244.		0
292	Phthalates in albumin from human serum: implications for assisted reproductive technology. <i>F&S Reviews</i> , 2021, 2, 160-168.	0.7	1
293	Management of recurrent implantation failure: British Fertility Society policy and practice guideline. <i>Human Fertility</i> , 2022, 25, 813-837.	0.7	21
294	Miscarriage matters: the epidemiological, physical, psychological, and economic costs of early pregnancy loss. <i>Lancet, The</i> , 2021, 397, 1658-1667.	6.3	508
295	Crosstalk between SARS-CoV-2 and Testicular Hemostasis: Perspective View. , 0, , .		0
296	Complete Chromatin Decondensation of Pig Sperm Is Required to Analyze Sperm DNA Breaks With the Comet Assay. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 675973.	1.8	9
297	Predictive Significance of Sperm DNA Fragmentation Testing in Early Pregnancy Loss in Infertile Couples Undergoing Intracytoplasmic Sperm Injection. <i>Research and Reports in Urology</i> , 2021, Volume 13, 313-323.	0.6	2
298	Exploring the evidence for epigenetic regulation of environmental influences on child health across generations. <i>Communications Biology</i> , 2021, 4, 769.	2.0	65
300	Effect and mechanisms of reproductive tract infection on oxidative stress parameters, sperm DNA fragmentation, and semen quality in infertile males. <i>Reproductive Biology and Endocrinology</i> , 2021, 19, 97.	1.4	12
301	Association between Body Mass Index (BMI) and DNA Fragmentation Index. , 2021, , .		0
302	Quantitative selection of single human sperm with high DNA integrity for intracytoplasmic sperm injection. <i>Fertility and Sterility</i> , 2021, 116, 1308-1318.	0.5	7
303	Abortos espontÃ¡neos recurrentes. <i>EMC - GinecologÃ¡a-Obstetricia</i> , 2021, 57, 1-17.	0.0	0

#	ARTICLE	IF	CITATIONS
304	Paternal smoking is associated with an increased risk of pregnancy loss in a dose-dependent manner: a systematic review and meta-analysis. <i>F&S Reviews</i> , 2021, 2, 227-238.	0.7	3
305	Oocyte ability to repair sperm DNA fragmentation: the impact of maternal age on intracytoplasmic sperm injection outcomes. <i>Fertility and Sterility</i> , 2021, 116, 123-129.	0.5	46
306	Sperm deoxyribonucleic acid fragmentation: predictors, fertility outcomes, and assays among infertile males. <i>F&S Reports</i> , 2021, 2, 282-288.	0.4	1
307	The Impact of SARS-CoV-2 Infection on Fertility and Female and Male Reproductive Systems. <i>Journal of Clinical Medicine</i> , 2021, 10, 4520.	1.0	9
308	Effect of varicocelectomy on sperm deoxyribonucleic acid fragmentation rates in infertile men with clinical varicocele: a systematic review and meta-analysis. <i>Fertility and Sterility</i> , 2021, 116, 696-712.	0.5	45
309	Sperm morphology and DNA fragmentation after zona pellucida selection. <i>Reproduction and Fertility</i> , 2021, 2, 221-230.	0.6	2
310	Effects of common Gram-negative pathogens causing male genitourinary-tract infections on human sperm functions. <i>Scientific Reports</i> , 2021, 11, 19177.	1.6	8
311	Male subfertility and oxidative stress. <i>Redox Biology</i> , 2021, 46, 102071.	3.9	54
312	The correlation between chronic exposure to particulate matter and spontaneous abortion: A meta-analysis. <i>Chemosphere</i> , 2022, 286, 131802.	4.2	9
313	Early and recurrent pregnancy loss. , 2022, , 323-341.e3.		2
314	Utility of Antioxidants in the Treatment of Male Infertility: Clinical Guidelines Based on a Systematic Review and Analysis of Evidence. <i>World Journal of Men's Health</i> , 2021, 39, 233.	1.7	59
315	Sperm Chromatin Integrity Tests and Indications. , 2020, , 99-121.		2
316	Sperm DNA Fragmentation: Treatment Options and Evidence-Based Medicine. , 2020, , 327-345.		1
317	Sperm DNA Fragmentation and Male Infertility. , 2020, , 155-172.		21
320	Sperm DNA Tests Are Clinically Useful: Pro. , 2018, , 431-467.		1
321	FertilitÄtsstÄrungen des Mannes. , 2014, , 251-280.		12
322	Andrologie in der interdisziplinÄren Reproduktionsmedizin. <i>Springer Reference Medizin</i> , 2019, , 1-47.	0.0	4
323	Sperm genetic abnormalities and their contribution to embryo aneuploidy & miscarriage. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2020, 34, 101477.	2.2	7

#	ARTICLE	IF	CITATIONS
324	Mouse Zygotes Respond to Severe Sperm DNA Damage by Delaying Paternal DNA Replication and Embryonic Development. PLoS ONE, 2013, 8, e56385.	1.1	104
325	Sperm DNA fragmentation index does not correlate with blastocyst aneuploidy or morphological grading. PLoS ONE, 2017, 12, e0179002.	1.1	40
326	TUNEL labeling with BrdUTP/anti-BrdUTP greatly underestimates the level of sperm DNA fragmentation in semen evaluation. PLoS ONE, 2017, 12, e0181802.	1.1	16
327	Are specialized sperm function tests clinically useful in planning assisted reproductive technology?. International Braz J Urol: Official Journal of the Brazilian Society of Urology, 2020, 46, 116-123.	0.7	11
328	Comparative evaluation of sperm DNA fragmentation and other sperm parameters. Russian Journal of Human Reproduction, 2015, 21, 121.	0.1	3
329	Miscarriage: the role of male factor and the methods of treatment. Russian Journal of Human Reproduction, 2017, 23, 106.	0.1	2
330	Quantitative and qualitative abnormalities in spermogram and other semen tests in men from infertile couples. Russian Journal of Human Reproduction, 2017, 23, 90.	0.1	2
331	Negative effect of antiretroviral therapy on spermogram values in HIV-positive men. Andrologia I Genital'naa Hirurgia, 2019, 20, 99-107.	0.1	1
332	Sperm DNA fragmentation is a necessity for modern clinical practice. Andrologia I Genital'naa Hirurgia, 2020, 21, 14-21.	0.1	4
333	Intracytoplasmic sperm injection outcomes after anti-oxidant treatment in repeated implantation failure. The European Research Journal, 2019, 5, 868-872.	0.1	2
334	Sperm selection for assisted reproduction by prior hyaluronan binding: the HABSelect RCT. Efficacy and Mechanism Evaluation, 2019, 6, 1-80.	0.9	9
335	Does varicocele affect DNA fragmentation in infertile patients?. Indian Journal of Urology, 2015, 31, 116.	0.2	31
336	Critical evaluation of two models of flow cytometers for the assessment of sperm DNA fragmentation: an appeal for performance verification. Asian Journal of Andrology, 2019, 21, 438.	0.8	7
337	Beneficial Effect of an Oral Antioxidant Supplementation (Fertimax2) on IVF-ICSI Outcomes: A Preliminary Clinical Study. Advances in Reproductive Sciences, 2014, 02, 47-56.	0.3	7
338	Sperm DNA Fragmentation: A New Guideline for Clinicians. World Journal of Men's Health, 2020, 38, 412.	1.7	127
339	Specific tail swelling pattern in hypo-osmotic solution as a predictor of DNA fragmentation status in human spermatozoa. Clinical and Experimental Reproductive Medicine, 2019, 46, 147-151.	0.5	5
340	Evaluation of sperm DNA fragmentation using multiple methods: a comparison of their predictive power for male infertility. Clinical and Experimental Reproductive Medicine, 2019, 46, 14-21.	0.5	34
341	Sperm DNA Fragmentation. Seminars in Reproductive Medicine, 2021, 39, 194-199.	0.5	2

#	ARTICLE	IF	CITATIONS
342	Correlation of sperm DNA damage with blastocyst formation: systematic review and meta-analysis. Middle East Fertility Society Journal, 2021, 26, .	0.5	1
343	Update Andrologie. Fortschritte Der Praktischen Dermatologie Und Venerologie, 2013, , 270-275.	0.0	0
345	Simposio Avances en Infertilidad. Revista Peruana De GinecologÃa Y Obstetricia, 2014, 60, 11-14.	0.1	0
346	Modelo predictivo de fragmentaciÃ³n de ADN espermÃ¡tico usando parÃ¡metros evaluados en un espermograma. Revista Peruana De GinecologÃa Y Obstetricia, 2014, 60, 21-28.	0.1	0
347	Managing the patient with a complex medical history. , 2015, , 301-338.		0
349	New insights in sperm biology: How benchside results in the search for molecular markers may help understand male infertility. World Journal of Translational Medicine, 2016, 5, 26.	3.5	0
350	Male Factor Infertility Outcomes Using Magnetic Activated Cell Sorting in Intra Cytoplasmatic Sperm Injection Cycles. , 2016, 05, .		0
351	Management of Recurrent Pregnancy Loss. , 2017, , 437-442.		0
352	Evaluation and Preparation of the Infertile Couple for In Vitro Fertilization. , 2017, , 17-28.		0
353	The Application of Genetic Tests in an Assisted Reproduction Unit: DNA Fragmentation. , 2017, , 95-114.		0
354	Sperm DNA fragmentation: a key player in decision making. Translational Andrology and Urology, 2017, 6, S394-S396.	0.6	1
356	Varicocele. , 2018, , 495-512.		0
357	TESE for Cryptozoospermia with Normal Sperm DNA Fragmentation. , 2018, , 3-13.		0
358	Sperm DNA and Natural Pregnancy. , 2018, , 365-391.		0
359	TUNEL Assay. , 2018, , 91-102.		1
360	Use of Testicular Sperm for ICSI: Pro. , 2018, , 545-557.		0
361	Sperm DNA and Pregnancy Loss After IVF and ICSI. , 2018, , 411-430.		1
362	Sperm DNA Testing: Where Do We Go from Here?. , 2018, , 589-593.		0

#	ARTICLE	IF	CITATIONS
363	Assessing the Infertile Couple. , 0, , 215-229.		0
364	Should a Varicocele Be Repaired Before Assisted Reproductive Technology Treatment?. , 2019, , 425-432.		0
365	REPRODUCTION AND SPERM DNA FRAGMENTATION. Bulletin of Problems Biology and Medicine, 2019, 4, 31.	0.0	1
366	Should Sperm DNA Fragmentation Testing Be Used in Men with Varicocele?. , 2019, , 453-459.		0
367	SEMEN CHARACTERISTICS IN HIV-INFECTED MEN. HIV Infection and Immunosuppressive Disorders, 2019, 11, 94-102.	0.1	1
368	Andrologie in der interdisziplinären Reproduktionsmedizin. Springer Reference Medizin, 2020, , 443-489.	0.0	4
369	Ovarian reserve testing in the prediction of recurrent pregnancy loss. Journal of Surgery and Medicine, 0, , .	0.0	0
370	Laboratory assessment of sperm apoptosis ability in men with different fertility. Russian Journal of Human Reproduction, 2020, 26, 77.	0.1	1
371	The Effect of Age on Male Fertility and the Health of Offspring. , 2020, , 73-82.		0
372	FARKLI HASTA GRUPLARINDA SPERM MORFOLOJİSİ VE DNA HASARI ARASINDAKİ İLİŞKİNİN BELİRLENMESİ. Sağlık Bilimleri Dergisi, 0, , .	0.1	0
373	The evaluation of sperm chromatin status in men with different infertility factors, and its relationship with ICSI outcomes. Yaftah, 2020, 6, 367-373.	0.1	0
374	New Developments for the Enhancement of Male Reproductive Health Using Antioxidant Therapy: A Critical Review of the Literature. , 2020, , 553-567.		1
375	Testicular Sperm in Non-azoospermic Infertile Men with Oxidatively Induced High Sperm DNA Damage. , 2020, , 735-745.		1
376	Spermatozoal Chromatin Structure: Role in Sperm Functions and Fertilization. , 2020, , 39-55.		3
377	MODERN VIEWS ON PATHOGENESIS AND MARKERS OF MEN'S AZOOSPERMIA. Bulletin of Problems Biology and Medicine, 2020, 1, 26.	0.0	2
378	Selecting Sperm with Hyaluronic Acid: Evidence Base for Efficacy and Practical Applications. , 2020, , 803-810.		0
379	Chromosomal variants accumulate in genomes of the spontaneous aborted fetuses revealed by chromosomal microarray analysis. PLoS ONE, 2021, 16, e0259518.	1.1	3
380	Male Preconception Marijuana Use and Spontaneous Abortion. Epidemiology, 2021, 32, 239-247.	1.2	9

#	ARTICLE	IF	CITATIONS
381	Selection of Sperm Based on Hypo-Osmotic Swelling May Improve ICSI Outcome: A Preliminary Prospective Clinical Trial. <i>International Journal of Fertility & Sterility</i> , 2014, 8, 21-8.	0.2	6
382	Recent advances and controversies in diagnosing and treating male infertility. <i>Faculty Reviews</i> , 2020, 9, 22.	1.7	1
383	There Is Value in Examining Sperm DNA Fragmentation. , 2021, , 183-185.		0
384	An Update on Semen Physiology, Technologies, and Selection Techniques for the Advancement of In Vitro Equine Embryo Production: Section II. <i>Animals</i> , 2021, 11, 3319.	1.0	2
385	miRâ€125aâ€5p increases cellular DNA damage of aging males and perturbs stageâ€specific embryo development via Rbm38â€p53 signaling. <i>Aging Cell</i> , 2021, 20, e13508.	3.0	9
386	Review: What have we learned about the effects of heat stress on the pig industry?. <i>Animal</i> , 2022, 16, 100349.	1.3	20
387	Diagnostic Semen Analysis. , 2022, , 1543-1548.		0
388	Management of male factor infertility: position statement from the Italian Society of Andrology and Sexual Medicine (SIAMS). <i>Journal of Endocrinological Investigation</i> , 2022, 45, 1085-1113.	1.8	40
389	Effects of paternal overnutrition and interventions on future generations. <i>International Journal of Obesity</i> , 2022, 46, 901-917.	1.6	16
390	Extended semen examinations in the sixth edition of the WHO Laboratory Manual for the Examination and Processing of Human Semen: contributing to the understanding of the function of the male reproductive system. <i>Fertility and Sterility</i> , 2022, 117, 252-257.	0.5	17
391	Impact of Tobacco and Marijuana on Infertility and Early Reproductive Wastage. <i>Clinical Obstetrics and Gynecology</i> , 2022, Publish Ahead of Print, .	0.6	0
392	Paternal inflammatory arthritis is associated with a higher risk of miscarriage: results of a large multicentre study (iFAME-Fertility). <i>Rheumatology</i> , 2022, 61, 3390-3395.	0.9	4
393	Sperm selection with hyaluronic acid improved live birth outcomes among older couples and was connected to sperm DNA quality, potentially affecting all treatment outcomes. <i>Human Reproduction</i> , 2022, 37, 1106-1125.	0.4	21
394	Role of female age in regulating the effect of sperm DNA fragmentation on the live birth rates in intracytoplasmic sperm injection cycles with own and donor oocytes. <i>Journal of Human Reproductive Sciences</i> , 2022, 15, 64.	0.4	1
395	Oxidative Stress and Assisted Reproduction: A Comprehensive Review of Its Pathophysiological Role and Strategies for Optimizing Embryo Culture Environment. <i>Antioxidants</i> , 2022, 11, 477.	2.2	36
396	A Prospective Cohort Study of Seasonal Variation in Spontaneous Abortion. <i>Epidemiology</i> , 2022, 33, 441-448.	1.2	8
397	IVF/ICSI cumulative live birth rates per consumed oocyte remain comparable regardless of sperm DNA fragmentation by TUNEL. <i>Reproductive BioMedicine Online</i> , 2022, 44, 1079-1089.	1.1	8
398	Normal-range paternal serum free thyroxine concentrations and outcomes of assisted reproductive technologies. <i>Thyroid</i> , 2022, , .	2.4	4

#	ARTICLE	IF	CITATIONS
399	The impact of male factors and their correct and early diagnosis in the infertile couple's pathway: 2021 perspectives. <i>Journal of Endocrinological Investigation</i> , 2022, 45, 1807-1822.	1.8	7
400	In Silico Sperm Proteome Analysis to Investigate DNA Repair Mechanisms in Varicocele Patients. <i>Frontiers in Endocrinology</i> , 2021, 12, 757592.	1.5	2
401	Studying the mechanism of sperm DNA damage caused by folate deficiency. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 776-788.	1.6	9
402	Beyond conventional sperm parameters: the role of sperm DNA fragmentation in male infertility. <i>Minerva Endocrinology</i> , 2021, , .	0.6	5
403	Sperm Selection for ICSI: Do We Have a Winner?. <i>Cells</i> , 2021, 10, 3566.	1.8	30
404	Contemporary Use of ICSI and Epigenetic Risks to Future Generations. <i>Journal of Clinical Medicine</i> , 2022, 11, 2135.	1.0	14
405	Factors associated with fetal karyotype in spontaneous abortion: a case-case study. <i>BMC Pregnancy and Childbirth</i> , 2022, 22, 320.	0.9	11
407	Case " Sperm DNA fragmentation associated with COVID-19 infection. <i>Canadian Urological Association Journal</i> , 2021, 16, E301-3.	0.3	4
408	New Insight on the In Vitro Effects of Melatonin in Preserving Human Sperm Quality. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5128.	1.8	14
409	Sperm DNA fragmentation does not affect the clinical outcomes in the cumulative transfers of an ICSI cycle along with blastocyst transfers in couples with normozoospermic male patients. <i>Asian Pacific Journal of Reproduction</i> , 2022, 11, 125.	0.2	0
410	Sperm deoxyribonucleic acid fragmentation (by terminal deoxynucleotidyl transferase biotin dUTP) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 per donor metaphase II oocyte used. <i>Fertility and Sterility</i> , 2022, 118, 79-89.	0.5	12
411	The role of sperm <sc>DNA</sc> integrity in couples with recurrent implantation failure following <sc>IVF</sc> treatment. <i>Andrologia</i> , 2022, 54, .	1.0	1
412	The Effect of Sperm DNA Fragmentation on Male Fertility and Strategies for Improvement: A Narrative Review. <i>Urology</i> , 2022, 168, 3-9.	0.5	3
413	Sperm DNA fragmentation " can it be a routine?. <i>Fertility Science and Research</i> , 2022, 9, 29.	0.1	0
414	Incorporating Sperm DNA Fragmentation Index with Computer-Assisted Semen Morphokinematic Parameters as a Better Window to Male Fertility. <i>Chinese Journal of Physiology</i> , 2022, 65, 143-150.	0.4	6
415	Male factor testing in recurrent pregnancy loss cases: A narrative review. <i>International Journal of Reproductive BioMedicine</i> , 0, , 447-460.	0.5	1
416	Sperm DNA integrity and male infertility: a narrative review and guide for the reproductive physicians. <i>Translational Andrology and Urology</i> , 2022, 11, 1023-1044.	0.6	15
417	TMT-Based Proteomic Analysis of Human Spermatozoa from Unexplained Recurrent Miscarriage Patients before and after Oral Antioxidant Treatment. <i>Biomedicines</i> , 2022, 10, 2014.	1.4	3

#	ARTICLE	IF	CITATIONS
418	#ESHREjc report: are sperm selection techniques a panacea? Indications for the use of physiological intracytoplasmic sperm injection (PICSi) in medically assisted reproduction. <i>Human Reproduction</i> , 0, , .	0.4	0
419	Biotechnology in the process of assisted reproduction. , 2022, , 143-161.		0
420	Sperm DNA fragmentation negatively influences the cumulative live birth rate in the intracytoplasmic sperm injection cycles of couples with unexplained infertility. <i>Clinical and Experimental Reproductive Medicine</i> , 2022, 49, 185-195.	0.5	5
421	Evaluation of sperm <scp>DNA</scp> fragmentation in male infertility. <i>Andrologia</i> , 2022, 54, .	1.0	9
423	The Sperm: Parameters and Evaluation. , 0, , .		0
424	The impact of dolutegravirâ€based combination antiretroviral therapy on the spermatozoa and fertility parameters of men living with human immunodeficiency virus. <i>Andrologia</i> , 2022, 54, .	1.0	3
425	Pre-Conceptual Guidelines for Men: A Review of Male Infertility Experience, including Nutrition and Lifestyle Factors. <i>Dietetics</i> , 2022, 1, 164-181.	0.4	6
426	Association of male factors with recurrent pregnancy loss. <i>Journal of Reproductive Immunology</i> , 2022, 154, 103758.	0.8	1
427	Lifestyle interventions to reduce endocrine-disrupting phthalate and phenol exposures among reproductive age men and women: A review and future steps. <i>Environment International</i> , 2022, 170, 107576.	4.8	17
428	The efficacy of novel centrifugation-free sperm selection (Io-Lix) on sperm parameters and ICSI reproductive outcomes. <i>Reproductive BioMedicine Online</i> , 2023, 46, 267-273.	1.1	1
429	Causes and Impact of Cryopreservation-Associated Damage on Different Parameters of Human Spermatozoa and its Clinical Impact. <i>European Medical Journal Reproductive Health</i> , 0, , 100-109.	1.0	0
430	Deciphering the Nexus Between Oxidative Stress and Spermatogenesis: A Compendious Overview. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 1-16.	0.8	2
431	Advanced sperm tests and impact on clinical male factor management. <i>Current Opinion in Urology</i> , 2023, 33, 24-30.	0.9	1
432	Effect of chronic sleep deprivation on acrosomal integrity and functional parameters of murine sperm. <i>F&S Science</i> , 2023, 4, 11-20.	0.5	1
433	Is There a Relationship between Sperm DNA Fragmentation and Intra-Uterine Insemination Outcome in Couples with Unexplained or Mild Male Infertility? Results from the ID-Trial. <i>Life</i> , 2023, 13, 11.	1.1	1
434	Understanding recurrent pregnancy loss: recent advances on its etiology, clinical diagnosis, and management. <i>Medical Review</i> , 2023, 2, 570-589.	0.3	6
435	DNA damage in testicular germ cells and spermatozoa. When and how is it induced? How should we measure it? What does it mean?. <i>Andrology</i> , 2023, 11, 1545-1557.	1.9	8
436	Sperm DNA Damage and Its Relevance in Fertility Treatment: A Review of Recent Literature and Current Practice Guidelines. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1446.	1.8	11

#	ARTICLE	IF	CITATIONS
437	Intergenerational trends in reproduction: Infertility and pregnancy loss. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2023, 86, 102305.	1.4	2
438	Sperm DNA fragmentation: impact on ART outcome. , 2023, , 125-134.		0
439	Sperm cryopreservation does not affect live birth rate in normozoospermic men: analysis of 7969 oocyte donation cycles. Human Reproduction, 2023, 38, 400-407.	0.4	5
440	Recurrent miscarriage. , 2023, , 333-343.		0
441	Recurrent Pregnancy Loss. Contemporary Endocrinology, 2023, , 141-145.	0.3	0
442	Sperm DNA fragmentation and idiopathic recurrent pregnancy loss: Results from a multicenter caseâ€“control study. Andrology, 2023, 11, 1673-1681.	1.9	6
443	Surgically retrieved spermatozoa for ICSI cycles in nonâ€“ozoospermic males with high sperm DNA fragmentation in semen. Andrology, 2023, 11, 1613-1634.	1.9	3
444	SPERM CHROMATIN DISPERSION TEST FOR EXAMINATION OF INFERTILE MALE: FROM Đ;LINICAL TRIALS OF FIRST RUSSIAN KIT GEMSTANDARTâ€“HALOSPERM L&Q. LaboratornaÄ I KliniÄeskaÄ Medicina FarmaciÄ, 2022, , 0.1 37-56.		3
445	Role of Antioxidants of Natural Herbs in Management of Male Infertility. , 2023, 2, 55-80.		8
446	Outcome analysis of ICSI assisted pregnancy using testicular sperm versus ejaculated sperm in man with severe oligozoospermia in the same ART cycle: A case report. Medicine (United States), 2023, 102, e32833.	0.4	0
447	Correlation analysis of sperm DNA fragmentation index with semen parameters and the effect of sperm DFI on outcomes of ART. Scientific Reports, 2023, 13, .	1.6	8
448	Intra-individual variation of sperm DNA fragmentation in the Human ejaculate. Systems Biology in Reproductive Medicine, 0, , 1-8.	1.0	0
449	Double strand DNA breaks in sperm: the bad guy in the crowd. Journal of Assisted Reproduction and Genetics, 2023, 40, 745-751.	1.2	1
450	A comparison of the morphokinetic profiles of embryos developed from vitrified versus fresh oocytes. Reproductive BioMedicine Online, 2023, 47, 51-60.	1.1	1
451	Sperm Aneuploidy and DNA Integrity: A Review. European Medical Journal Reproductive Health, 0, , 65-73.	1.0	2
452	Contribution of semen to early embryo development: fertilization and beyond. Human Reproduction Update, 2023, 29, 395-433.	5.2	12
453	What should urologist know about sperm DNA fragmentation. Andrologia I Genital'naa Hirurgia, 2023, 24, 24-35.	0.1	0
454	Sperm quality metrics were improved by a biomimetic microfluidic selection platform compared to swim-up methods. Microsystems and Nanoengineering, 2023, 9, .	3.4	8

#	ARTICLE	IF	CITATIONS
455	Is It Time for Andrology and Endocrinology Professionals in Assisted Reproduction Centers?. World Journal of Men's Health, 2023, 41, 796.	1.7	2
456	Novel sperm chromatin dispersion test with artificial intelligence-aided halo evaluation: A comparison study with existing modalities. Andrology, 2023, 11, 1581-1592.	1.9	5
457	The effect of sperm DNA fragmentation on ICSI outcomes depending on oocyte quality. Andrology, 2023, 11, 1682-1693.	1.9	2
458	An Exploratory Analysis of Firefighter Reproduction through Survey Data and Biomonitoring. International Journal of Environmental Research and Public Health, 2023, 20, 5472.	1.2	0
459	Genetics and genomics of recurrent pregnancy loss. , 2023, , 565-598.		0
470	Sperm DNA fragmentation and male infertility. , 2024, , 29-52.		0
483	Management of Recurrent Pregnancy Loss. , 2023, , 539-544.		0
499	Pretesticular causes of male infertility. , 0, , 9-22.		0
500	Sperm DNA fragmentation tests. , 0, , 104-115.		0