

Jaime MarÃ- a de Berenguer de Santiago

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8916109/publications.pdf>

Version: 2024-02-01

239
papers

6,906
citations

70961

41
h-index

85405

71
g-index

242
all docs

242
docs citations

242
times ranked

5062
citing authors

#	ARTICLE	IF	CITATIONS
1	Relevance of Leukocytospermia and Semen Culture and Its True Place in Diagnosing and Treating Male Infertility. <i>World Journal of Men's Health</i> , 2022, 40, 191.	1.7	17
2	A Comprehensive Guide to Sperm Recovery in Infertile Men with Retrograde Ejaculation. <i>World Journal of Men's Health</i> , 2022, 40, 208.	1.7	6
3	Sperm DNA Fragmentation: A Critical Assessment of Clinical Practice Guidelines. <i>World Journal of Men's Health</i> , 2022, 40, 30.	1.7	27
4	Sperm Morphology Assessment in the Era of Intracytoplasmic Sperm Injection: Reliable Results Require Focus on Standardization, Quality Control, and Training. <i>World Journal of Men's Health</i> , 2022, 40, 347.	1.7	11
5	Reliability of the sperm chromatin dispersion assay to evaluate sperm deoxyribonucleic acid damage in men with infertility. <i>Fertility and Sterility</i> , 2022, 117, 64-73.	0.5	19
6	Antibiotic toxicity on human spermatozoa assessed using the sperm DNA fragmentation dynamic assay. <i>Andrologia</i> , 2022, 54, e14328.	1.0	4
7	Investigation of pathology associated with <i>Chlamydia pecorum</i> infection in the male reproductive tract, and the effect on spermatogenesis and semen quality in the koala (<i>Phascolarctos cinereus</i>). <i>Theriogenology</i> , 2022, 180, 30-39.	0.9	3
8	Cumulus Cell DNA Damage as an Index of Human Oocyte Competence. <i>Reproductive Sciences</i> , 2022, 29, 3194-3200.	1.1	4
9	Sperm DNA fragmentation and its relevance to men with spinal cord injury. , 2022, , 93-104.		1
10	Free circulating DNA and DNase activity in the ejaculates of men with spinal cord injury. <i>Spinal Cord</i> , 2021, 59, 167-174.	0.9	2
11	Sperm DNA fragmentation testing: Summary evidence and clinical practice recommendations. <i>Andrologia</i> , 2021, 53, e13874.	1.0	121
12	Determining the effects of sperm activation in anuran cloaca on motility and DNA integrity in <i>Epidalea calamita</i> (Bufonidae). <i>Reproduction, Fertility and Development</i> , 2021, , .	0.1	1
13	Quick assessment of DNA damage in cervical epithelial cells using a chromatin dispersion test. <i>Archives of Gynecology and Obstetrics</i> , 2021, 303, 1049-1056.	0.8	2
14	DNA Damage: Halo Sperm Test. , 2021, , 213-227.		0
15	The effect of <i>Chlamydia</i> infection on koala (<i>Phascolarctos cinereus</i>) semen quality. <i>Theriogenology</i> , 2021, 167, 99-110.	0.9	10
16	Rapid and Accurate Detection of <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> Strains Susceptible/Resistant to Cotrimoxazole through Evaluation of Cell Elongation. <i>Antibiotics</i> , 2021, 10, 720.	1.5	1
17	Associations between urinary concentrations of bisphenol A and sperm DNA fragmentation in young men. <i>Environmental Research</i> , 2021, 199, 111289.	3.7	12
18	DNase activity in human seminal plasma and follicular fluid and its inhibition by follicular fluid chelating agents. <i>Reproductive BioMedicine Online</i> , 2021, 43, 1079-1086.	1.1	1

#	ARTICLE	IF	CITATIONS
19	Microencapsulation of human spermatozoa increases membrane stability and DNA longevity. <i>Andrologia</i> , 2021, 53, e13924.	1.0	3
20	Detection of DNA damage in pigeon erythrocytes using a chromatin dispersion assay. <i>Toxicology Mechanisms and Methods</i> , 2020, 30, 228-235.	1.3	5
21	Co-incubation of spermatozoa with human follicular fluid reduces sperm DNA fragmentation by mitigating DNase activity in the seminal plasma. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 63-69.	1.2	4
22	Effect of Sperm Concentration and Storage Temperature on Goat Spermatozoa during Liquid Storage. <i>Biology</i> , 2020, 9, 300.	1.3	14
23	Dynamic assessment of human sperm DNA damage III: the effect of sperm freezing techniques. <i>Cell and Tissue Banking</i> , 2020, 22, 379-387.	0.5	4
24	Effect of seasonality on hormonally induced sperm in <i>Epidalea calamita</i> (Amphibia, Anura, Bufonidae) and its refrigerated and cryopreserved storage. <i>Aquaculture</i> , 2020, 529, 735677.	1.7	9
25	Assessment of avian sperm DNA fragmentation using the sperm chromatin dispersion assay. <i>Reproduction, Fertility and Development</i> , 2020, 32, 948.	0.1	5
26	DNA fragmentation of human spermatozoa: Simple assessment of single- and double-strand DNA breaks and their respective dynamic behavioral response. <i>Andrology</i> , 2020, 8, 1287-1303.	1.9	7
27	Dry biobanking as a conservation tool in the Anthropocene. <i>Theriogenology</i> , 2020, 150, 130-138.	0.9	14
28	The incidence and etiology of sperm DNA fragmentation in the ejaculates of males with spinal cord injuries. <i>Spinal Cord</i> , 2020, 58, 803-810.	0.9	12
29	Effect of permeable cryoprotectant-free vitrification on DNA fragmentation of equine oocyte-cumulus cells. <i>Reproduction in Domestic Animals</i> , 2019, 54, 53-56.	0.6	5
30	Relationship between DNA fragmentation of equine granulosa cells and oocyte meiotic competence after in vitro maturation. <i>Reproduction in Domestic Animals</i> , 2019, 54, 78-81.	0.6	3
31	Protamine composition of koala and wombat spermatozoa provides new insights into DNA stability following cryopreservation. <i>Reproduction, Fertility and Development</i> , 2019, 31, 1558.	0.1	1
32	Characterization of DNA cleavage produced by seminal plasma using leukocytes as a cell target. <i>Systems Biology in Reproductive Medicine</i> , 2019, 65, 420-429.	1.0	7
33	Effect of sperm dosage transportation in stallions: Effect on sperm DNA fragmentation. <i>Animal Reproduction Science</i> , 2019, 206, 38-45.	0.5	2
34	Dynamic assessment of human sperm DNA damage II: the effect of sperm concentration adjustment during processing. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 799-807.	1.2	8
35	Male Oxidative Stress Infertility (MOSI): Proposed Terminology and Clinical Practice Guidelines for Management of Idiopathic Male Infertility. <i>World Journal of Men's Health</i> , 2019, 37, 296.	1.7	256
36	Association of polymorphisms in genes coding for antioxidant enzymes and human male infertility. <i>Annals of Human Genetics</i> , 2019, 83, 63-72.	0.3	24

#	ARTICLE	IF	CITATIONS
37	DNA Damage and Repair in Human Reproductive Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 31.	1.8	88
38	Evaluation of DNA Damage of Mare Granulosa Cells Before and After Cryopreservation Using a Chromatin Dispersion Test. <i>Journal of Equine Veterinary Science</i> , 2019, 72, 28-30.	0.4	3
39	Strategies to Diminish DNA Damage in Sperm Samples Used for ART. , 2018, , 571-587.		3
40	Effect of cooling rate on sperm quality of cryopreserved Andalusian donkey spermatozoa. <i>Animal Reproduction Science</i> , 2018, 193, 201-208.	0.5	5
41	Rapid Determination of Resistance to Antibiotic Inhibitors of Protein Synthesis in <i>Staphylococcus aureus</i> Through In Situ Evaluation of DNase Activity. <i>Microbial Drug Resistance</i> , 2018, 24, 739-746.	0.9	1
42	Sperm DNA fragmentation in donors and normozoospermic patients attending for a first spermogram: Static and dynamic assessment. <i>Andrologia</i> , 2018, 50, e12986.	1.0	16
43	Cryoprotective effect of glutamine, taurine, and proline on post-thaw semen quality and DNA integrity of donkey spermatozoa. <i>Animal Reproduction Science</i> , 2018, 189, 128-135.	0.5	19
44	Sperm chromatin dispersion test (SCDt) for the assessment of sperm DNA fragmentation in black tiger prawn, <i>Penaeus monodon</i> . <i>Aquaculture</i> , 2018, 491, 281-288.	1.7	4
45	Response: Nitroblue tetrazolium (NBT) assay. <i>Reproductive BioMedicine Online</i> , 2018, 36, 92-93.	1.1	6
46	Amphibian Sperm Chromatin Structure and Function and Its Relevance to Sperm Preservation. <i>Journal of Herpetology</i> , 2018, 52, 486-491.	0.2	5
47	<i>Mycobacterium tuberculosis</i> promotes genomic instability in macrophages. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2018, 113, 161-166.	0.8	9
48	Magnetic-activated cell sorting is not completely effective at reducing sperm DNA fragmentation. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 2215-2221.	1.2	17
49	Dynamic assessment of human sperm DNA damage I: the effect of seminal plasma-sperm co-incubation after ejaculation. <i>International Urology and Nephrology</i> , 2018, 50, 1381-1388.	0.6	13
50	CAT-262CT Genotype shows higher catalase activity in seminal plasma and lower risk of male infertility. <i>Meta Gene</i> , 2018, 18, 16-22.	0.3	2
51	Impact of polymorphism in DNA repair genes <i>OGG1</i> and <i>XRCC1</i> on seminal parameters and human male infertility. <i>Andrologia</i> , 2018, 50, e13115.	1.0	12
52	DNA fragmentation in epididymal freeze-dried ram spermatozoa impairs embryo development. <i>Journal of Reproduction and Development</i> , 2018, 64, 393-400.	0.5	21
53	Human prostasomes from normozoospermic and non-normozoospermic men show a differential protein expression pattern. <i>Andrology</i> , 2018, 6, 585-596.	1.9	33
54	Sperm Chromatin Dispersion (SCD) Assay. , 2018, , 137-152.		5

#	ARTICLE	IF	CITATIONS
55	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
56	Rapid Detection of Antibiotic Resistance in Gram-Negative Bacteria Through Assessment of Changes in Cellular Morphology. <i>Microbial Drug Resistance</i> , 2017, 23, 157-162.	0.9	15
57	Multi-centre assessment of nitroblue tetrazolium reactivity in human semen as a potential marker of oxidative stress. <i>Reproductive BioMedicine Online</i> , 2017, 34, 513-521.	1.1	26
58	Magnetic cell sorting of semen containing spermatozoa with high DNA fragmentation in ICSI cycles decreases miscarriage rate. <i>Reproductive BioMedicine Online</i> , 2017, 34, 506-512.	1.1	22
59	Two-Tailed Comet Assay (2T-Comet): Simultaneous Detection of DNA Single and Double Strand Breaks. <i>Methods in Molecular Biology</i> , 2017, 1560, 285-293.	0.4	26
60	The presence of human papillomavirus in semen does not affect the integrity of sperm DNA. <i>Andrologia</i> , 2017, 49, e12774.	1.0	20
61	Simple and Fast Detection of Resistance to Antibiotic Inhibitors of Protein Synthesis in Gram-Negative Pathogens Through Evaluation of Mitomycin C-Induced Cell Elongation. <i>Microbial Drug Resistance</i> , 2017, 23, 973-981.	0.9	3
62	DNA fragmentation in blue mussel (<i>Mytilus edulis</i>) sperm: aquaculture and fisheries implications. <i>Aquaculture Research</i> , 2017, 48, 2973-2980.	0.9	1
63	Free radical and superoxide reactivity detection in semen quality assessment: past, present, and future. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 697-707.	1.2	68
64	Cryopreservation of saltwater crocodile (<i>Crocodylus porosus</i>) spermatozoa. <i>Reproduction, Fertility and Development</i> , 2017, 29, 2235.	0.1	18
65	Stallion sperm selection prior to freezing using a modified colloid swim-up procedure without centrifugation. <i>Animal Reproduction Science</i> , 2017, 185, 83-88.	0.5	17
66	New approach to assess sperm DNA fragmentation dynamics: Fine-tuning mathematical models. <i>Journal of Animal Science and Biotechnology</i> , 2017, 8, 23.	2.1	3
67	Equivalent seminal characteristics in human and stallion at first and second ejaculated fractions. <i>Andrologia</i> , 2017, 49, e12708.	1.0	5
68	Priming Equine Bone Marrow-Derived Mesenchymal Stem Cells with Proinflammatory Cytokines: Implications in Immunomodulationâ€œImmunogenicity Balance, Cell Viability, and Differentiation Potential. <i>Stem Cells and Development</i> , 2017, 26, 15-24.	1.1	69
69	Rapid Assessment of Resistance to Antibiotic Inhibitors of Protein Synthesis in the Gram-Positive Pathogens, <i>Enterococcus faecalis</i> and <i>Streptococcus pneumoniae</i> , Based on Evaluation of the Lytic Response. <i>Microbial Drug Resistance</i> , 2017, 23, 267-271.	0.9	4
70	Expression of the HPV18/E6 oncoprotein induces DNA damage. <i>European Journal of Histochemistry</i> , 2017, 61, 2773.	0.6	8
71	Clinical utility of sperm DNA fragmentation testing: article overview. <i>Translational Andrology and Urology</i> , 2017, 6, S532-S534.	0.6	2
72	Effects of freezing and activation on membrane quality and DNA damage in <i>Xenopus tropicalis</i> and <i>Xenopus laevis</i> spermatozoa. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1556.	0.1	14

#	ARTICLE	IF	CITATIONS
73	Rapid Detection of Bacterial Susceptibility or Resistance to Quinolones. <i>Methods in Molecular Biology</i> , 2017, 1644, 95-104.	0.4	1
74	Specialized sperm function tests in varicocele and the future of andrology laboratory. <i>Asian Journal of Andrology</i> , 2016, 18, 205.	0.8	76
75	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
76	Spermatozoa of <i>Sminthopsis murina</i> (Mammalia: Metatheria) exhibit an unusually high degree of chromatin stability in the absence of disulphide bonding in protamine 1. <i>Reproduction, Fertility and Development</i> , 2016, 28, 1268.	0.1	3
77	Differences in preservation of canine chilled semen using simple sperm washing, single-layer centrifugation and modified swim-up preparation techniques. <i>Reproduction, Fertility and Development</i> , 2016, 28, 1545.	0.1	9
78	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
79	Male meiosis in Crustacea: synapsis, recombination, epigenetics and fertility in <i>Daphnia magna</i> . <i>Chromosoma</i> , 2016, 125, 769-787.	1.0	17
80	Evaluation of environmental genotoxicity by comet assay in <i>Columba livia</i> . <i>Toxicology Mechanisms and Methods</i> , 2016, 26, 61-66.	1.3	10
81	DNA damage in spermatozoa from infertile men with varicocele evaluated by sperm chromatin dispersion and DBD-FISH. <i>Archives of Gynecology and Obstetrics</i> , 2016, 293, 189-196.	0.8	22
82	Bibliometrics: tracking research impact by selecting the appropriate metrics. <i>Asian Journal of Andrology</i> , 2016, 18, 296.	0.8	320
83	Seasonal variation in sperm characteristics of boars in southern Uruguay. <i>Revista Brasileira De Zootecnia</i> , 2015, 44, 1-7.	0.3	17
84	Role and Significance of Sperm Function in Men with Unexplained Infertility. , 2015, , 91-119.		2
85	Effect of Cryopreservation on the Sperm DNA Fragmentation Dynamics of the Bottlenose Dolphin (<i>Tursiops truncatus</i>). <i>Reproduction in Domestic Animals</i> , 2015, 50, 227-235.	0.6	9
86	Effect of single-layer centrifugation or washing on frozen-thawed donkey semen quality: Do they have the same effect regardless of the quality of the sample?. <i>Theriogenology</i> , 2015, 84, 294-300.	0.9	29
87	Effect of diluent composition on the dynamics of sperm DNA fragmentation and other sperm quality parameters in ram during incubation at 37°C. <i>Small Ruminant Research</i> , 2015, 129, 92-96.	0.6	1
88	Epigenetics and its Role in Male Infertility. , 2015, , 411-422.		3
89	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
90	Diagnostic accuracy of sperm DNA degradation index (DDSi) as a potential noninvasive biomarker to identify men with varicocele-associated infertility. <i>International Urology and Nephrology</i> , 2015, 47, 1471-1477.	0.6	88

#	ARTICLE	IF	CITATIONS
91	Validation of the sperm chromatin dispersion (SCD) test in the amphibian <i>Xenopus laevis</i> using in situ nick translation and comet assay. <i>Reproduction, Fertility and Development</i> , 2015, 27, 1168.	0.1	11
92	Localisation and quantification of alkali-labile sites in human spermatozoa by DNA breakage detection-fluorescence in situ hybridisation. <i>Andrologia</i> , 2015, 47, 221-227.	1.0	8
93	Use of DBD-FISH for the Study of Cervical Cancer Progression. <i>Methods in Molecular Biology</i> , 2015, 1249, 291-301.	0.4	5
94	Short communication. Stallion sperm quality after combined ejaculate fractionation and colloidal centrifugation. <i>Spanish Journal of Agricultural Research</i> , 2015, 13, e04SC02.	0.3	2
95	Detection of DNA damage in cumulus cells using a chromatin dispersion assay. <i>Systems Biology in Reproductive Medicine</i> , 2015, 61, 277-85.	1.0	11
96	Use of the DBD-FISH technique for detecting DNA breakage in response to high doses of X-rays. <i>Radiation and Environmental Biophysics</i> , 2014, 53, 713-718.	0.6	2
97	Interpreting sperm DNA damage in a diverse range of mammalian sperm by means of the two-tailed comet assay. <i>Frontiers in Genetics</i> , 2014, 5, 404.	1.1	31
98	Validation of a Field Based Chromatin Dispersion Assay to Assess Sperm DNA Fragmentation in the Bottlenose Dolphin (<i>Tursiops truncatus</i>). <i>Reproduction in Domestic Animals</i> , 2014, 49, 761-768.	0.6	9
99	Sperm DNA Fragmentation and Its Role in Wildlife Conservation. <i>Advances in Experimental Medicine and Biology</i> , 2014, 753, 357-384.	0.8	14
100	Individual telomere length decay in patients with spondyloarthritis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014, 765, 1-5.	0.4	5
101	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
102	Sperm DNA fragmentation in zebrafish (<i>Danio rerio</i>) and its impact on fertility and embryo viability – Implications for fisheries and aquaculture. <i>Aquaculture</i> , 2014, 433, 173-182.	1.7	36
103	Sperm fractions obtained following density gradient centrifugation in human ejaculates show differences in sperm DNA longevity. <i>Asian Pacific Journal of Reproduction</i> , 2014, 3, 116-120.	0.2	8
104	Localization of alkali-labile sites in donkey (<i>Equus asinus</i>) and stallion (<i>Equus caballus</i>) spermatozoa. <i>Theriogenology</i> , 2014, 81, 321-325.	0.9	14
105	Characterisation of a subpopulation of sperm with massive nuclear damage, as recognised with the sperm chromatin dispersion test. <i>Andrologia</i> , 2014, 46, 602-609.	1.0	31
106	Colloidal Centrifugation of Stallion Semen Results in a Reduced Rate of Sperm DNA Fragmentation. <i>Reproduction in Domestic Animals</i> , 2013, 48, e23-5.	0.6	14
107	Effects of oral antioxidant treatment upon the dynamics of human sperm DNA fragmentation and subpopulations of sperm with highly degraded DNA. <i>Andrologia</i> , 2013, 45, 211-216.	1.0	115
108	¿A qué velocidad «muere» el ácido desoxirribonucleico del espermatozoide tras descongelar muestras seminales procedentes de donantes?. <i>Revista Internacional De Andrología</i> , 2013, 11, 85-93.	0.1	7

#	ARTICLE	IF	CITATIONS
109	Comparison of Membrane-Permeant Fluorescent Probes for Sperm Viability Assessment in the Ram. <i>Reproduction in Domestic Animals</i> , 2013, 48, 598-603.	0.6	26
110	Increased pregnancy after reduced male abstinence. <i>Systems Biology in Reproductive Medicine</i> , 2013, 59, 256-260.	1.0	69
111	Incipient post-zygotic barrier in a model system of ecological speciation with gene flow. <i>Journal of Evolutionary Biology</i> , 2013, 26, 2750-2756.	0.8	3
112	5-bp Classical Satellite DNA Loci from Chromosome-1 Instability in Cervical Neoplasia Detected by DNA Breakage Detection/Fluorescence in Situ Hybridization (DBD-FISH). <i>International Journal of Molecular Sciences</i> , 2013, 14, 4135-4147.	1.8	10
113	Rapid Determination of Colistin Resistance in Clinical Strains of <i>Acinetobacter baumannii</i> by Use of the Micromax Assay. <i>Journal of Clinical Microbiology</i> , 2013, 51, 3675-3682.	1.8	8
114	Can DNA fragmentation of neat or swim-up spermatozoa be used to predict pregnancy following ICSI of fertile oocyte donors?. <i>Asian Journal of Andrology</i> , 2013, 15, 812-818.	0.8	39
115	Sperm Chromatin Dispersion Test: Technical Aspects and Clinical Applications. , 2013, , 257-281.		1
116	Short communication. Evaluation of a commercial kit based on acridine orange/propidium iodide to assess the plasma membrane integrity of ram sperm. <i>Spanish Journal of Agricultural Research</i> , 2013, 11, 362.	0.3	7
117	Types, Causes, Detection and Repair of DNA Fragmentation in Animal and Human Sperm Cells. <i>International Journal of Molecular Sciences</i> , 2012, 13, 14026-14052.	1.8	246
118	Fast Assessment of Resistance to Carbapenems and Ciprofloxacin of Clinical Strains of <i>Acinetobacter baumannii</i> . <i>Journal of Clinical Microbiology</i> , 2012, 50, 3609-3613.	1.8	19
119	Osmotic stress and cryoinjury of koala sperm: an integrative study of the plasma membrane, chromatin stability and mitochondrial function. <i>Reproduction</i> , 2012, 143, 787-797.	1.1	38
120	Effect of cooled storage on quality and DNA integrity of Asian elephant (<i>Elephas maximus</i>) spermatozoa. <i>Reproduction, Fertility and Development</i> , 2012, 24, 1105.	0.1	17
121	An Improved Experimental Model for Understanding the Impact of Sperm DNA Fragmentation on Human Pregnancy Following ICSI. <i>Reproductive Sciences</i> , 2012, 19, 1163-1168.	1.1	41
122	The dynamics of sperm DNA stability in Asian elephant (<i>Elephas maximus</i>) spermatozoa before and after cryopreservation. <i>Theriogenology</i> , 2012, 77, 998-1007.	0.9	24
123	Differential Clustering of Sperm Subpopulations in Infertile Males With Clinical Varicocele and Carriers of Rearranged Genomes. <i>Journal of Andrology</i> , 2012, 33, 361-367.	2.0	20
124	The Effect of Chilled Storage and Cryopreservation on the Sperm DNA Fragmentation Dynamics of a Captive Population of Koalas. <i>Journal of Andrology</i> , 2012, 33, 1007-1015.	2.0	20
125	The effect of two pre-cryopreservation single layer colloidal centrifugation protocols in combination with different freezing extenders on the fragmentation dynamics of thawed equine sperm DNA. <i>Acta Veterinaria Scandinavica</i> , 2012, 54, 72.	0.5	8
126	Cell wall active antibiotics reduce chromosomal DNA fragmentation by peptidoglycan hydrolysis in <i>Staphylococcus aureus</i> . <i>Archives of Microbiology</i> , 2012, 194, 967-975.	1.0	2

#	ARTICLE	IF	CITATIONS
127	Is sperm DNA fragmentation a good marker for field AI bull fertility?1. Journal of Animal Science, 2012, 90, 2437-2449.	0.2	42
128	DNA breakage detection-fluorescence in situ hybridization (DBD-FISH) in buccal cells. European Journal of Histochemistry, 2012, 56, 49.	0.6	7
129	Seeing sperm DNA fragmentation in rabbits. Molecular Reproduction and Development, 2012, 79, 1-1.	1.0	0
130	DNA fragmentation dynamics allows the assessment of cryptic sperm damage in human: Evaluation of exposure to ionizing radiation, hyperthermia, acidic pH and nitric oxide. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2012, 734, 41-49.	0.4	42
131	Epigenetics and its role in male infertility. Journal of Assisted Reproduction and Genetics, 2012, 29, 213-223.	1.2	176
132	Role of Protamine Disulphide Cross-Linking in Counteracting Oxidative Damage to DNA. , 2012, , 221-235.		0
133	DNA fragmentation kinetics and postthaw motility of flow cytometric-sorted white-tailed deer sperm1. Journal of Animal Science, 2011, 89, 3996-4006.	0.2	20
134	Simultaneous Labeling of Single- and Double-Strand DNA Breaks by DNA Breakage Detection-FISH (DBD-FISH). Methods in Molecular Biology, 2011, 682, 133-147.	0.4	8
135	Sperm Chromatin Dispersion Test: Technical Aspects and Clinical Applications. , 2011, , 151-170.		12
136	Assessing Sperm DNA Fragmentation with the Sperm Chromatin Dispersion Test. Methods in Molecular Biology, 2011, 682, 291-301.	0.4	25
137	Bacteria in bovine semen can increase sperm DNA fragmentation rates: A kinetic experimental approach. Animal Reproduction Science, 2011, 123, 139-148.	0.5	53
138	Simple and economic colloidal centrifugation protocols may be incorporated into the clinical equine sperm processing procedure. Animal Reproduction Science, 2011, 124, 85-89.	0.5	18
139	Protamine 1 to protamine 2 ratio correlates with dynamic aspects of DNA fragmentation in human sperm. Fertility and Sterility, 2011, 95, 105-109.	0.5	91
140	Shorter abstinence decreases sperm deoxyribonucleic acid fragmentation in ejaculate. Fertility and Sterility, 2011, 96, 1083-1086.	0.5	100
141	Sex-sorted bovine spermatozoa and DNA damage: I. Static features. Theriogenology, 2011, 75, 197-205.	0.9	47
142	Sex-sorted bovine spermatozoa and DNA damage: II. Dynamic features. Theriogenology, 2011, 75, 206-211.	0.9	35
143	Major morphological sperm abnormalities in the bull are related to sperm DNA damage. Theriogenology, 2011, 76, 23-32.	0.9	60
144	New Application of the Comet Assay. Journal of Histochemistry and Cytochemistry, 2011, 59, 655-660.	1.3	30

#	ARTICLE	IF	CITATIONS
145	Dynamics of sperm DNA damage in fresh versus frozen-thawed and gradient processed ejaculates in human donors. <i>Andrologia</i> , 2011, 43, 373-377.	1.0	44
146	Dynamics of sperm DNA fragmentation in patients carrying structurally rearranged chromosomes. <i>Journal of Developmental and Physical Disabilities</i> , 2011, 34, e546-e553.	3.6	31
147	Decreased length of telomeric DNA sequences and increased numerical chromosome aberrations in human osteoarthritic chondrocytes. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 708, 50-58.	0.4	26
148	Elevated dietary intake of Zn-methionate is associated with increased sperm DNA fragmentation in the boar. <i>Reproductive Toxicology</i> , 2011, 31, 570-573.	1.3	29
149	Seasonal changes in sperm DNA fragmentation of Murciano-Granadina goats: The compelling case for dynamic assessment. <i>Small Ruminant Research</i> , 2011, 100, 50-53.	0.6	10
150	A rapid in situ procedure for determination of bacterial susceptibility or resistance to antibiotics that inhibit peptidoglycan biosynthesis. <i>BMC Microbiology</i> , 2011, 11, 191.	1.3	21
151	Relationships between the dynamics of iatrogenic DNA damage and genomic design in mammalian spermatozoa from eleven species. <i>Molecular Reproduction and Development</i> , 2011, 78, 951-961.	1.0	119
152	Differential resistance of mammalian sperm chromatin to oxidative stress as assessed by a two-tailed comet assay. <i>Reproduction, Fertility and Development</i> , 2011, 23, 633.	0.1	34
153	The ability of sperm selection techniques to remove single- or double-strand DNA damage. <i>Asian Journal of Andrology</i> , 2011, 13, 764-768.	0.8	42
154	DNA damage in women with cervical neoplasia evaluated by DNA breakage detection-fluorescence in situ hybridization. , 2011, 33, 175-81.		5
155	Swim-up procedure selects spermatozoa with longer telomere length. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010, 688, 88-90.	0.4	47
156	Koilocytes are enriched for alkaline-labile sites. <i>European Journal of Histochemistry</i> , 2010, 54, 32.	0.6	10
157	Shared Y chromosome repetitive DNA sequences in stallion and donkey as visualized using whole-genomic comparative hybridization. <i>European Journal of Histochemistry</i> , 2010, 54, 2.	0.6	7
158	Sperm DNA in Grasshoppers: Structural Features and Fertility Implications. <i>Journal of Orthoptera Research</i> , 2010, 19, 243-252.	0.4	6
159	Characterization of sperm DNA damage in Kartagener's syndrome with recurrent fertilization failure: Case revisited. <i>Sexual and Reproductive Healthcare</i> , 2010, 1, 73-75.	0.5	19
160	Simultaneous determination in situ of DNA fragmentation and 8-oxoguanine in human sperm. <i>Fertility and Sterility</i> , 2010, 93, 314-318.	0.5	46
161	Fragmentation dynamics of frozen-thawed ram sperm DNA is modulated by sperm concentration. <i>Theriogenology</i> , 2010, 74, 1362-1370.	0.9	29
162	DNA Fragmentation Dynamics in Fresh Versus Frozen Thawed Plus Gradient-Isolated Human Spermatozoa. <i>Systems Biology in Reproductive Medicine</i> , 2010, 56, 27-36.	1.0	32

#	ARTICLE	IF	CITATIONS
163	Dynamics of sperm DNA fragmentation in the swine: Ejaculate and temperature effects. <i>Animal Reproduction Science</i> , 2010, 119, 235-243.	0.5	34
164	Rapid and Simple Determination of Ciprofloxacin Resistance in Clinical Strains of <i>Escherichia coli</i> . <i>Journal of Clinical Microbiology</i> , 2009, 47, 2593-2595.	1.8	7
165	Whole-comparative genomic hybridization in domestic sheep (<i>Ovis aries</i>) breeds. <i>Cytogenetic and Genome Research</i> , 2009, 124, 19-26.	0.6	9
166	A Highly Conserved Pericentromeric Domain in Human and Gorilla Chromosomes. <i>Cytogenetic and Genome Research</i> , 2009, 126, 253-258.	0.6	6
167	Evidence that single-stranded DNA breaks are a normal feature of koala sperm chromatin, while double-stranded DNA breaks are indicative of DNA damage. <i>Reproduction</i> , 2009, 138, 267-278.	1.1	43
168	Rapid rates of sperm DNA damage after activation in tench (<i>Tinca tinca</i> : Teleostei, Cyprinidae) measured using a sperm chromatin dispersion test. <i>Reproduction</i> , 2009, 138, 257-266.	1.1	32
169	Rapid assessment of the effect of ciprofloxacin on chromosomal DNA from <i>Escherichia coli</i> using an in situ DNA fragmentation assay. <i>BMC Microbiology</i> , 2009, 9, 69.	1.3	46
170	Assessment of Sperm DNA Fragmentation in Stallion (<i>Equus caballus</i>) and Donkey (<i>Equus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 823-828.	0.6	13
171	Sperm deoxyribonucleic acid fragmentation dynamics in fertile donors. <i>Fertility and Sterility</i> , 2009, 92, 170-173.	0.5	60
172	A dynamic assessment of sperm DNA fragmentation versus sperm viability in proven fertile human donors. <i>Fertility and Sterility</i> , 2009, 92, 1915-1919.	0.5	50
173	Frozen-thawed rhinoceros sperm exhibit DNA damage shortly after thawing when assessed by the sperm chromatin dispersion assay. <i>Theriogenology</i> , 2009, 72, 711-720.	0.9	30
174	A two-tailed Comet assay for assessing DNA damage in spermatozoa. <i>Reproductive BioMedicine Online</i> , 2009, 18, 609-616.	1.1	103
175	Directional mapping of DNA nicking in ejaculated and cauda epididymidal spermatozoa of the short-beaked echidna (<i>Tachyglossus aculeatus</i> : Monotremata). <i>Reproduction, Fertility and Development</i> , 2009, 21, 1008.	0.1	15
176	Triplex configuration in the nick-free DNAs that constitute the chromosomal scaffolds in grasshopper spermatids. <i>Chromosoma</i> , 2008, 117, 15-24.	1.0	15
177	Differential expansion of highly repeated DNA sequences in the swine subgenomes. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2008, 46, 186-189.	0.6	6
178	<i>Arcyptera fusca</i> and <i>Arcyptera tornosi</i> repetitive DNA families: whole-comparative genomic hybridization (W-CGH) as a novel approach to the study of satellite DNA libraries. <i>Journal of Evolutionary Biology</i> , 2008, 21, 352-361.	0.8	8
179	Alkali-labile sites in sperm cells from <i>Sus</i> and <i>Ovis</i> species. <i>Journal of Developmental and Physical Disabilities</i> , 2008, 31, 354-363.	3.6	31
180	Assessing sperm DNA fragmentation in the field: an adaptation of sperm chromatin dispersion technology. <i>Biotechnic and Histochemistry</i> , 2008, 83, 247-252.	0.7	11

#	ARTICLE	IF	CITATIONS
181	Sperm DNA fragmentation in a random sample of the Spanish boar livestock. <i>Animal Reproduction Science</i> , 2008, 103, 87-98.	0.5	30
182	Dynamics of sperm DNA fragmentation in domestic animals. <i>Theriogenology</i> , 2008, 70, 898-908.	0.9	128
183	Sperm DNA fragmentation in infertile men with genitourinary infection by <i>Chlamydia trachomatis</i> and <i>Mycoplasma</i> . <i>Fertility and Sterility</i> , 2008, 90, 328-334.	0.5	203
184	DNA fragmentation in frozen sperm of <i>Equus asinus</i> : Zamorano-Leonés, a breed at risk of extinction. <i>Theriogenology</i> , 2008, 69, 1022-1032.	0.9	54
185	DNA Fragmentation in Microorganisms Assessed In Situ. <i>Applied and Environmental Microbiology</i> , 2008, 74, 5925-5933.	1.4	42
186	Dimethylacetamide can be used as an alternative to glycerol for the successful cryopreservation of koala (<i>Phascolarctos cinereus</i>) spermatozoa. <i>Reproduction, Fertility and Development</i> , 2008, 20, 724.	0.1	27
187	Dynamics of sperm DNA fragmentation in domestic animals. <i>Theriogenology</i> , 2007, 68, 1240-1250.	0.9	103
188	Evidence of modified nuclear protein matrix in human spermatozoa with fragmented deoxyribonucleic acid. <i>Fertility and Sterility</i> , 2007, 87, 191-194.	0.5	15
189	Simultaneous Observation of DNA Fragmentation and Protein Loss in the Boar Spermatozoon Following Application of the Sperm Chromatin Dispersion (SCD) Test. <i>Journal of Andrology</i> , 2007, 28, 533-540.	2.0	14
190	The Relationship Between Sperm Morphology and Chromatin Integrity in the Koala (<i>Phascolarctos</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tj 28, 891-899.	2.0	36
191	<i>Drosophila melanogaster</i> and <i>Eucypris virens</i> giant spermatozoa as visualized by cell inclusion in microgels. <i>Journal of Experimental Zoology</i> , 2007, 307A, 140-144.	1.2	3
192	Increased Aneuploidy Rate in Sperm With Fragmented DNA as Determined by the Sperm Chromatin Dispersion (SCD) Test and FISH Analysis. <i>Journal of Andrology</i> , 2006, 28, 38-49.	2.0	72
193	Infertile Men With Varicocele Show a High Relative Proportion of Sperm Cells With Intense Nuclear Damage Level, Evidenced by the Sperm Chromatin Dispersion Test. <i>Journal of Andrology</i> , 2006, 27, 106-111.	2.0	95
194	A new method to analyze boar sperm DNA fragmentation under bright-field or fluorescence microscopy. <i>Theriogenology</i> , 2006, 65, 308-316.	0.9	87
195	Sperm DNA fragmentation in boars is delayed or abolished by using sperm extenders. <i>Theriogenology</i> , 2006, 66, 2137-2143.	0.9	40
196	Interstitial telomeric sequence blocks in constitutive pericentromeric heterochromatin from <i>Pyrgomorpha conica</i> (Orthoptera) are enriched in constitutive alkali-labile sites. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006, 599, 36-44.	0.4	19
197	Interstitial telomeric DNA sequences of Chinese hamster cells are hypersensitive to nitric oxide damage, and DNA-PKcs has a specific local role in its repair. <i>Genes Chromosomes and Cancer</i> , 2005, 44, 76-84.	1.5	10
198	Simple determination of human sperm DNA fragmentation with an improved sperm chromatin dispersion test. <i>Fertility and Sterility</i> , 2005, 84, 833-842.	0.5	385

#	ARTICLE	IF	CITATIONS
199	HalospermÂ® is an easy, available, and cost-effective alternative for determining sperm DNA fragmentation. <i>Fertility and Sterility</i> , 2005, 84, 860-860.	0.5	50
200	Critically short telomeres are associated with sperm DNA fragmentation. <i>Fertility and Sterility</i> , 2005, 84, 843-845.	0.5	42
201	Mosaicism for Sister Chromatid Heterogeneity in Sex Chromosomes from Hybrids of two Subspecies of <i>Chorthippus Parallelus</i> (Orthoptera: Acrididae). <i>Hereditas</i> , 2004, 122, 289-292.	0.5	1
202	Sex is Determined by Sex Chromosomes in <i>Littorina Saxatilis</i> (Olivi) (Gastropoda, Prosobranchia). <i>Hereditas</i> , 2004, 124, 261-268.	0.5	13
203	Structure of human sperm DNA and background damage, analysed by in situ enzymatic treatment and digital image analysis. <i>Molecular Human Reproduction</i> , 2004, 10, 203-209.	1.3	38
204	Telomeric and interstitial telomeric-like DNA sequences in Orthoptera genomes. <i>Genome</i> , 2004, 47, 757-763.	0.9	23
205	Spatio-temporal dynamics of a neutralized B chromosome in the grasshopper <i>Eyprepocnemis plorans</i> . <i>Cytogenetic and Genome Research</i> , 2004, 106, 376-385.	0.6	7
206	Whole-comparative genomic hybridization (W-CGH): 1. The quick overview of repetitive DNA sequences on a genome. <i>Chromosome Research</i> , 2003, 11, 673-679.	1.0	10
207	Patterns of DNA migration in two-dimensional single-cell gel electrophoresis analyzed by DNA breakage detection-fluorescence in situ hybridization. <i>Environmental and Molecular Mutagenesis</i> , 2003, 42, 223-227.	0.9	12
208	Improved Sensitivity for Cell Mapping of Hepatitis C Virus RNA Sequences and Cellular Surface Antigens in Blood Cells. <i>Laboratory Investigation</i> , 2003, 83, 1089-1091.	1.7	2
209	Radiation-Induced DNA Breaks in Different Human Satellite DNA Sequence Areas, Analyzed by DNA Breakage Detection-Fluorescence In Situ Hybridization. <i>Radiation Research</i> , 2002, 157, 711-720.	0.7	13
210	Application of FISH to Detect DNA Damage: DNA Breakage Detection-FISH (DBD-FISH). , 2002, 203, 203-216.		46
211	FISHing in the microwave: the easy way to preserve proteins. I. Colocalization of DNA probes and surface antigens in human leukocytes. <i>Chromosome Research</i> , 2002, 10, 137-143.	1.0	5
212	Low levels of chromosomal differentiation between the grasshoppers <i>Chorthippus brunneus</i> and <i>Chorthippus jacobsi</i> (Orthoptera; Acrididae) in northern Spain. <i>Genetica</i> , 2002, 114, 121-127.	0.5	18
213	DNA Breakage Detection-FISH (DBD-FISH). , 2002, , 282-290.		11
214	DBD-FISH on Neutral Comets: Simultaneous Analysis of DNA Single- and Double-Strand Breaks in Individual Cells. <i>Experimental Cell Research</i> , 2001, 270, 102-109.	1.2	48
215	Evidence of abundant constitutive alkali-labile sites in human 5 bp classical satellite DNA loci by DBD-FISH. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001, 473, 163-168.	0.4	31
216	High frequency of constitutive alkali-labile sites in mouse major satellite DNA, detected by DNA breakage detection-fluorescence in situ hybridization. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001, 483, 43-50.	0.4	21

#	ARTICLE	IF	CITATIONS
217	<i>Sau</i> 3A in situ digestion of human chromosome 3 pericentromeric heterochromatin. I. Differential digestion of α -satellite and satellite 1 DNA sequences. <i>Genome</i> , 2001, 44, 120-127.	0.9	2
218	DNA breakage detection-FISH (DBD-FISH) in human spermatozoa: technical variants evidence different structural features. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2000, 453, 77-82.	0.4	84
219	DNA breakage detection-fish (DBD-FISH): effect of unwinding time. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2000, 453, 83-88.	0.4	15
220	Specific Heterochromatic Banding of Metaphase Chromosomes Using Nuclear Yellow. <i>Biotechnic and Histochemistry</i> , 2000, 75, 132-140.	0.7	7
221	A PCR product derived from female DNA with regional localization on the Y chromosome. <i>Genome</i> , 2000, 43, 580-583.	0.9	0
222	Relative quantification and mapping of hepatitis C virus by in situ hybridization and digital image analysis. <i>Hepatology</i> , 1998, 27, 1428-1434.	3.6	38
223	Image Processing and Analysis of Fluorescent Labelled Cytoskeleton. <i>Micron</i> , 1998, 29, 445-449.	1.1	12
224	Dynamics of <i>Sau</i> 3A in situ digestion of human chromosomes analyzed with computerized imaging. <i>Genome</i> , 1997, 40, 123-126.	0.9	3
225	Differential sensitivity of some human aliphoid and classical satellite DNA regions from lymphocyte chromosomes to in situ exonuclease III digestion. <i>Genome</i> , 1996, 39, 1210-1213.	0.9	0
226	Quantification of C-ERB-B2 gene amplification in breast cancer cells using fluorescence in situ hybridization and digital image analysis. <i>Cancer Genetics and Cytogenetics</i> , 1996, 86, 18-21.	1.0	21
227	DIGITAL IMAGE ANALYSIS OF CHROMATIN FIBRE PHENOTYPE AFTER 'IN SITU' DIGESTION WITH RESTRICTION ENDONUCLEASES. <i>Cell Biology International</i> , 1996, 20, 213-217.	1.4	1
228	Digital image analysis of chromatin fibre phenotype after "in situ" digestion with restriction endonucleases. <i>Cell Biology International</i> , 1995, 19, 827-832.	1.4	2
229	Patterns of DNase sensitivity in the chromosomes of <i>Rana perezi</i> (Amphibia: Anura). <i>Genome</i> , 1995, 38, 339-343.	0.9	10
230	Nuclear DNA introgression across a Pyrenean hybrid zone between parapatric subspecies of the grasshopper <i>Chorthippus parallelus</i> . <i>Heredity</i> , 1994, 73, 436-443.	1.2	24
231	Sister chromatid differentiation after in situ detection of ultraviolet-induced DNA breaks under electron microscopy. <i>Biology of the Cell</i> , 1994, 82, 33-37.	0.7	0
232	Oligonucleotide priming in situ to detect induced DNA breaks under electron microscopy. <i>Trends in Genetics</i> , 1993, 9, 156-157.	2.9	6
233	Restriction endonucleases: Powerful tools to induce chromosome markers. <i>Biochemical Systematics and Ecology</i> , 1993, 21, 13-24.	0.6	2
234	Scaffold-like structures in mouse chromosomes revealed by restriction endonuclease digestion and electron microscopy. <i>Biology of the Cell</i> , 1990, 68, 101-104.	0.7	1

#	ARTICLE	IF	CITATIONS
235	Unstable B-Chromosomes in <i>Gomphocerus Sibiricus</i> (Orthoptera). <i>Caryologia</i> , 1986, 39, 185-192.	0.2	2
236	Development of Silver Stained Structures During Spermatogenesis of <i>Schistocerca Gregaria</i> (Forsk.) (Orthoptera: Acrididae). <i>Caryologia</i> , 1982, 35, 261-267.	0.2	30
237	The Effect of a Deficiency on Chiasma Distribution and Frequency in a Male of <i>Stauroderus Scalaris</i> (Orthoptera). <i>Caryologia</i> , 1981, 34, 473-481.	0.2	1
238	Sperm dna damage in men with spinal cord injury: The relative incidence of single and double strand dna breakS. <i>Andrology</i> , 0, , .	1.9	1
239	DNA fragmentation of equine cumulus cells from Cumulus-Oocyte complexes submitted to vitrification and its relationship to the developmental competence of the oocyte. <i>Reproduction in Domestic Animals</i> , 0, , .	0.6	1