Jordi Ribas-Maynou

List of Publications by Year
in descending order

47	1,241	471509 17	377865 34
papers	citations	h-index	g-index

47	47	47	1032
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comprehensive analysis of sperm DNA fragmentation by five different assays: TUNEL assay, SCSA, SCD test and alkaline and neutral Comet assay. Andrology, 2013, 1, 715-722.	3.5	185
2	Double Stranded Sperm DNA Breaks, Measured by Comet Assay, Are Associated with Unexplained Recurrent Miscarriage in Couples without a Female Factor. PLoS ONE, 2012, 7, e44679.	2.5	105
3	Oral antioxidant treatment partly improves integrity of human sperm DNA in infertile grade I varicocele patients. Human Fertility, 2015, 18, 225-229.	1.7	96
4	Double-stranded sperm DNA damageÂis a cause of delay in embryoÂdevelopment and can impairÂimplantation rates. Fertility and Sterility, 2019, 111, 699-707.e1.	1.0	91
5	Alkaline and neutral Comet assay profiles of sperm DNA damage in clinical groups. Human Reproduction, 2012, 27, 652-658.	0.9	90
6	Single and Double Strand Sperm DNA Damage: Different Reproductive Effects on Male Fertility. Genes, 2019, 10, 105.	2.4	83
7	Clinical implications of sperm <scp>DNA</scp> damage in <scp>IVF</scp> and <scp>ICSI</scp>: updated systematic review and metaâ€analysis. Biological Reviews, 2021, 96, 1284-1300.	10.4	70
8	Double-stranded DNA breaks hidden in the neutral Comet assay suggest a role of the sperm nuclear matrix in DNA integrity maintenance. Molecular Human Reproduction, 2014, 20, 330-340.	2.8	46
9	Human semen cryopreservation: a sperm DNA fragmentation study with alkaline and neutral Comet assay. Andrology, 2014, 2, 83-87.	3.5	45
10	Oxidative Stress in Male Infertility: Causes, Effects in Assisted Reproductive Techniques, and Protective Support of Antioxidants. Biology, 2020, 9, 77.	2.8	45
11	Sperm telomere length in motile sperm selection techniques: A qFISH approach. Andrologia, 2018, 50, e12840.	2.1	30
12	Multiple Determinations of Sperm DNA Fragmentation Show That Varicocelectomy Is Not Indicated for Infertile Patients with Subclinical Varicocele. BioMed Research International, 2014, 2014, 1-6.	1.9	29
13	The Relationship between Sperm Oxidative Stress Alterations and IVF/ICSI Outcomes: A Systematic Review from Nonhuman Mammals. Biology, 2020, 9, 178.	2.8	23
14	Microsurgical varicocelectomy effect on sperm telomere length, DNA fragmentation and seminal parameters. Human Fertility, 2022, 25, 135-141.	1.7	22
15	Sperm selection during ICSI treatments reduces single- but not double-strand DNA break values compared to the semen sample. Journal of Assisted Reproduction and Genetics, 2021, 38, 1187-1196.	2.5	22
16	Species-Specific Differences in Sperm Chromatin Decondensation Between Eutherian Mammals Underlie Distinct Lysis Requirements. Frontiers in Cell and Developmental Biology, 2021, 9, 669182.	3.7	21
17	A systematic review identifying fertility biomarkers in semen: a clinical approach through Omics to diagnose male infertility. Fertility and Sterility, 2022, 118, 291-313.	1.0	20
18	Characterization of Nuclease Activity in Human Seminal Plasma and its Relationship to Semen Parameters, Sperm DNA Fragmentation and Male Infertility. Journal of Urology, 2016, 195, 213-219.	0.4	19

#	Article	IF	Citations
19	A microfluidic sperm-sorting device reduces the proportion of sperm with double-stranded DNA fragmentation. Zygote, 2022, 30, 200-205.	1.1	19
20	A model for the control of DNA integrity by the sperm nuclear matrix. Asian Journal of Andrology, 2015, 17, 610.	1.6	16
21	Nuclear degraded sperm subpopulation is affected by poor chromatin compaction and nuclease activity. Andrologia, 2015, 47, 286-294.	2.1	14
22	Sperm chromatin condensation as an in vivo fertility biomarker in bulls: a flow cytometry approach. Journal of Animal Science and Biotechnology, 2021, 12, 115.	5.3	14
23	Seminal Microbiota of Idiopathic Infertile Patients and Its Relationship With Sperm DNA Integrity. Frontiers in Cell and Developmental Biology, 0, 10, .	3.7	13
24	Womenâ€™s and menâ€™s intake of omega-3 fatty acids and their food sources and assisted reproductive technology outcomes. American Journal of Obstetrics and Gynecology, 2022, 227, 246.e1-246.e11.	1.3	12
25	Sperm DNA damage compromises embryo development, but not oocyte fertilisation in pigs. Biological Research, 2022, 55, 15.	3.4	12
26	Relationship of Seminal Oxidation-Reduction Potential with Sperm DNA Integrity and pH in Idiopathic Infertile Patients. Biology, 2020, 9, 262.	2.8	11
27	Metabolite Profiling of Pig Seminal Plasma Identifies Potential Biomarkers for Sperm Resilience to Liquid Preservation. Frontiers in Cell and Developmental Biology, 2021, 9, 669974.	3.7	9
28	Complete Chromatin Decondensation of Pig Sperm Is Required to Analyze Sperm DNA Breaks With the Comet Assay. Frontiers in Cell and Developmental Biology, 2021, 9, 675973.	3.7	9
29	Relevance of Aquaporins for Gamete Function and Cryopreservation. Animals, 2022, 12, 573.	2.3	9
30	Sperm chromatin condensation and singleâ€•and doubleâ€štranded DNA damage as important parameters to define male factor related recurrent miscarriage. Molecular Reproduction and Development, 2020, 87, 1126-1132.	2.0	8
31	Role of exogenous antioxidants on the performance and function of pig sperm after preservation in liquid and frozen states: A systematic review. Theriogenology, 2021, 173, 279-294.	2.1	8
32	Direct but Not Indirect Methods Correlate the Percentages of Sperm With Altered Chromatin to the Intensity of Chromatin Damage. Frontiers in Veterinary Science, 2021, 8, 719319.	2.2	8
33	The TUNEL assay underestimates the incidence of DNA damage in pig sperm due to chromatin condensation. Theriogenology, 2021, 174, 94-101.	2.1	7
34	Proteomic Analysis in Seminal Plasma of Fertile Donors and Infertile Patients with Sperm DNA Fragmentation. International Journal of Molecular Sciences, 2020, 21, 5046.	4.1	6
35	Aquaporins Are Essential to Maintain Motility and Membrane Lipid Architecture During Mammalian Sperm Capacitation. Frontiers in Cell and Developmental Biology, 2021, 9, 656438.	3.7	5
36	Telomere Length in Pig Sperm Is Related to In Vitro Embryo Development Outcomes. Animals, 2022, 12, 204.	2.3	5

#	Article	IF	Citations
37	Comprehensive preimplantation genetic screening and sperm deoxyribonucleic acid fragmentation from three males carrying balanced chromosome rearrangements. Fertility and Sterility, 2015, 104, 681-687.e2.	1.0	4
38	Telomere length in bovine sperm is related to the production of reactive oxygen species, but not to reproductive performance. Theriogenology, 2022, 189, 290-300.	2.1	4
39	Aldose Reductase B1 in Pig Seminal Plasma: Identification, Localization in Reproductive Tissues, and Relationship With Quality and Sperm Preservation. Frontiers in Cell and Developmental Biology, 2021, 9, 683199.	3.7	3
40	Involvement of extracellular vesicle-encapsulated miRNAs in human reproductive disorders: a systematic review. Reproduction, Fertility and Development, 2022, 34, 751-775.	0.4	2
41	Pâ€“051 Differential resilience of sperm from different mammals to DNA decondensation. Human Reproduction, 2021, 36, .	0.9	1
42	Immature chromatin sperm (HDS) determined with sperm chromatin structure assay (SCSA) are related to oxidative stress. Fertility and Sterility, 2014, 102, e348-e349.	1.0	0
43	Telomere length determination in human spermatogenesis. Fertility and Sterility, 2014, 102, e351.	1.0	0
44	Aldose Reductase B1 in Pig Sperm Is Related to Their Function and Fertilizing Ability. Frontiers in Endocrinology, 2022, 13, 773249.	3.5	0
45	Direct (alkaline and Neutral Comet and Tunel) But Not Indirect Methods (scd and Scsa) Relate The Percentages of Sperm With Fragmented Dna To Chromatin Damage In Cryopreserved Boar Sperm. Cryobiology, 2021, 103, 194-195.	0.7	0
46	Increase of Dna Fragmentation Evaluated Through The Alkaline Comet Is Concomitant With A Decrease In The Quality of Frozen-Thawed Bovine Sperm. Cryobiology, 2021, 103, 207-208.	0.7	0
47	P-049â€ƒSperm GSTM3: a potential molecular biomarker for sperm quality and male (in)fertility. Human Reproduction, 2022, 37, .	0.9	0