

# Jordi Ribas-Maynou

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35 papers	690 citations	14 h-index	26 g-index
47 ext. papers	944 ext. citations	3.7 avg, IF	4.41 L-index

#	Paper	IF	Citations
35	Aldose Reductase B1 in Pig Sperm Is Related to Their Function and Fertilizing Ability.. <i>Frontiers in Endocrinology</i> , <b>2022</b> , 13, 773249	5.7	
34	Relevance of Aquaporins for Gamete Function and Cryopreservation.. <i>Animals</i> , <b>2022</b> , 12,	3.1	2
33	Sperm DNA damage compromises embryo development, but not oocyte fertilisation in pigs.. <i>Biological Research</i> , <b>2022</b> , 55, 15	7.6	0
32	Sperm chromatin condensation as an in vivo fertility biomarker in bulls: a flow cytometry approach. <i>Journal of Animal Science and Biotechnology</i> , <b>2021</b> , 12, 115	6	1
31	Direct but Not Indirect Methods Correlate the Percentages of Sperm With Altered Chromatin to the Intensity of Chromatin Damage. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 719319	3.1	2
30	Sperm selection during ICSI treatments reduces single- but not double-strand DNA break values compared to the semen sample. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2021</b> , 38, 1187-1196	3.4	5
29	Clinical implications of sperm DNA damage in IVF and ICSI: updated systematic review and meta-analysis. <i>Biological Reviews</i> , <b>2021</b> , 96, 1284-1300	13.5	21
28	Species-Specific Differences in Sperm Chromatin Decondensation Between Eutherian Mammals Underlie Distinct Lysis Requirements. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 669182	5.7	6
27	Metabolite Profiling of Pig Seminal Plasma Identifies Potential Biomarkers for Sperm Resilience to Liquid Preservation. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 669974	5.7	3
26	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> , <b>2021</b> , 9, 675973	5.7	2
25	Aldose Reductase B1 in Pig Seminal Plasma: Identification, Localization in Reproductive Tissues, and Relationship With Quality and Sperm Preservation. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 683199	5.7	2
24	A microfluidic sperm-sorting device reduces the proportion of sperm with double-stranded DNA fragmentation. <i>Zygote</i> , <b>2021</b> , 1-6	1.6	2
23	Aquaporins Are Essential to Maintain Motility and Membrane Lipid Architecture During Mammalian Sperm Capacitation. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 656438	5.7	2
22	Role of exogenous antioxidants on the performance and function of pig sperm after preservation in liquid and frozen states: A systematic review. <i>Theriogenology</i> , <b>2021</b> , 173, 279-294	2.8	1
21	The TUNEL assay underestimates the incidence of DNA damage in pig sperm due to chromatin condensation. <i>Theriogenology</i> , <b>2021</b> , 174, 94-101	2.8	0
20	Microsurgical varicocelelectomy effect on sperm telomere length, DNA fragmentation and seminal parameters. <i>Human Fertility</i> , <b>2020</b> , 1-7	1.9	9
19	Oxidative Stress in Male Infertility: Causes, Effects in Assisted Reproductive Techniques, and Protective Support of Antioxidants. <i>Biology</i> , <b>2020</b> , 9,	4.9	23

18	The Relationship between Sperm Oxidative Stress Alterations and IVF/ICSI Outcomes: A Systematic Review from Nonhuman Mammals. <i>Biology</i> , <b>2020</b> , 9,	4.9	10
17	Proteomic Analysis in Seminal Plasma of Fertile Donors and Infertile Patients with Sperm DNA Fragmentation. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	1
16	Sperm chromatin condensation and single- and double-stranded DNA damage as important parameters to define male factor related recurrent miscarriage. <i>Molecular Reproduction and Development</i> , <b>2020</b> , 87, 1126-1132	2.6	4
15	Relationship of Seminal Oxidation-Reduction Potential with Sperm DNA Integrity and pH in Idiopathic Infertile Patients. <i>Biology</i> , <b>2020</b> , 9,	4.9	3
14	Single and Double Strand Sperm DNA Damage: Different Reproductive Effects on Male Fertility. <i>Genes</i> , <b>2019</b> , 10,	4.2	42
13	Double-stranded sperm DNA damage is a cause of delay in embryo development and can impair implantation rates. <i>Fertility and Sterility</i> , <b>2019</b> , 111, 699-707.e1	4.8	43
12	Sperm telomere length in motile sperm selection techniques: A qFISH approach. <i>Andrologia</i> , <b>2018</b> , 50, e12840	2.4	16
11	Characterization of Nuclease Activity in Human Seminal Plasma and its Relationship to Semen Parameters, Sperm DNA Fragmentation and Male Infertility. <i>Journal of Urology</i> , <b>2016</b> , 195, 213-9	2.5	14
10	Oral antioxidant treatment partly improves integrity of human sperm DNA in infertile grade I varicocele patients. <i>Human Fertility</i> , <b>2015</b> , 18, 225-9	1.9	66
9	Nuclear degraded sperm subpopulation is affected by poor chromatin compaction and nuclease activity. <i>Andrologia</i> , <b>2015</b> , 47, 286-94	2.4	8
8	Comprehensive preimplantation genetic screening and sperm deoxyribonucleic acid fragmentation from three males carrying balanced chromosome rearrangements. <i>Fertility and Sterility</i> , <b>2015</b> , 104, 681-7.e2	4.8	3
7	A model for the control of DNA integrity by the sperm nuclear matrix. <i>Asian Journal of Andrology</i> , <b>2015</b> , 17, 610-5	2.8	15
6	Double-stranded DNA breaks hidden in the neutral Comet assay suggest a role of the sperm nuclear matrix in DNA integrity maintenance. <i>Molecular Human Reproduction</i> , <b>2014</b> , 20, 330-40	4.4	34
5	Multiple determinations of sperm DNA fragmentation show that varicolectomy is not indicated for infertile patients with subclinical varicocele. <i>BioMed Research International</i> , <b>2014</b> , 2014, 181396	3	19
4	Human semen cryopreservation: a sperm DNA fragmentation study with alkaline and neutral Comet assay. <i>Andrology</i> , <b>2014</b> , 2, 83-7	4.2	33
3	Comprehensive analysis of sperm DNA fragmentation by five different assays: TUNEL assay, SCSA, SCD test and alkaline and neutral Comet assay. <i>Andrology</i> , <b>2013</b> , 1, 715-22	4.2	144
2	Alkaline and neutral Comet assay profiles of sperm DNA damage in clinical groups. <i>Human Reproduction</i> , <b>2012</b> , 27, 652-8	5.7	69
1	Double stranded sperm DNA breaks, measured by Comet assay, are associated with unexplained recurrent miscarriage in couples without a female factor. <i>PLoS ONE</i> , <b>2012</b> , 7, e44679	3.7	80

