Jordi Ribas-Maynou

List of Publications by Citations

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

#	Paper	IF	Citations
35	Comprehensive analysis of sperm DNA fragmentation by five different assays: TUNEL assay, SCSA, SCD test and alkaline and neutral Comet assay. *Andrology*, **2013**, 1, 715-22	4.2	144
34	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	3.7	80
33	Alkaline and neutral Comet assay profiles of sperm DNA damage in clinical groups. *Human Reproduction*, **2012**, 27, 652-8	5.7	69
32	Oral antioxidant treatment partly improves integrity of human sperm DNA in infertile grade I varicocele patients. *Human Fertility*, **2015**, 18, 225-9	1.9	66
31	Double-stranded sperm DNA damage is a cause of delay in embryo development and can impair implantation rates. *Fertility and Sterility*, **2019**, 111, 699-707.e1	4.8	43
30	Single and Double Strand Sperm DNA Damage: Different Reproductive Effects on Male Fertility. *Genes*, **2019**, 10,	4.2	42
29	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, 330-40	4.4	34
28	Human semen cryopreservation: a sperm DNA fragmentation study with alkaline and neutral Comet assay. *Andrology*, **2014**, 2, 83-7	4.2	33
27	Oxidative Stress in Male Infertility: Causes, Effects in Assisted Reproductive Techniques, and Protective Support of Antioxidants. *Biology*, **2020**, 9,	4.9	23
26	Clinical implications of sperm DNA damage in IVF and ICSI: updated systematic review and meta-analysis. *Biological Reviews*, **2021**, 96, 1284-1300	13.5	21
25	Multiple determinations of sperm DNA fragmentation show that varicocelectomy is not indicated for infertile patients with subclinical varicocele. *BioMed Research International*, **2014**, 2014, 181396	3	19
24	Sperm telomere length in motile sperm selection techniques: A qFISH approach. *Andrologia*, **2018**, 50, e12840	2.4	16
23	A model for the control of DNA integrity by the sperm nuclear matrix. *Asian Journal of Andrology*, **2015**, 17, 610-5	2.8	15
22	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, 213-9	2.5	14
21	The Relationship between Sperm Oxidative Stress Alterations and IVF/ICSI Outcomes: A Systematic Review from Nonhuman Mammals. *Biology*, **2020**, 9,	4.9	10
20	Microsurgical varicocelectomy effect on sperm telomere length, DNA fragmentation and seminal parameters. *Human Fertility*, **2020**, 1-7	1.9	9
19	Nuclear degraded sperm subpopulation is affected by poor chromatin compaction and nuclease activity. *Andrologia*, **2015**, 47, 286-94	2.4	8

18	Species-Specific Differences in Sperm Chromatin Decondensation Between Eutherian Mammals Underlie Distinct Lysis Requirements. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 669182	5.7	6
17	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	3.4	5
16	Sperm chromatin condensation and single- and double-stranded DNA damage as important parameters to define male factor related recurrent miscarriage. *Molecular Reproduction and Development*, **2020**, 87, 1126-1132	2.6	4
15	Comprehensive preimplantation genetic screening and sperm deoxyribonucleic acid fragmentation from three males carrying balanced chromosome rearrangements. *Fertility and Sterility*, **2015**, 104, 681-7.e2	4.8	3
14	Relationship of Seminal Oxidation-Reduction Potential with Sperm DNA Integrity and pH in Idiopathic Infertile Patients. *Biology*, **2020**, 9,	4.9	3
13	Metabolite Profiling of Pig Seminal Plasma Identifies Potential Biomarkers for Sperm Resilience to Liquid Preservation. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 669974	5.7	3
12	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	3.1	2
11	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	5.7	2
10	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	5.7	2
9	A microfluidic sperm-sorting device reduces the proportion of sperm with double-stranded DNA fragmentation. *Zygote*, **2021**, 1-6	1.6	2
8	Aquaporins Are Essential to Maintain Motility and Membrane Lipid Architecture During Mammalian Sperm Capacitation. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 656438	5.7	2
7	Relevance of Aquaporins for Gamete Function and Cryopreservation.. *Animals*, **2022**, 12,	3.1	2
6	Sperm chromatin condensation as an in vivo fertility biomarker in bulls: a flow cytometry approach. *Journal of Animal Science and Biotechnology*, **2021**, 12, 115	6	1
5	Proteomic Analysis in Seminal Plasma of Fertile Donors and Infertile Patients with Sperm DNA Fragmentation. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	1
4	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	2.8	1
3	The TUNEL assay underestimates the incidence of DNA damage in pig sperm due to chromatin condensation. *Theriogenology*, **2021**, 174, 94-101	2.8	0
2	Sperm DNA damage compromises embryo development, but not oocyte fertilisation in pigs.. *Biological Research*, **2022**, 55, 15	7.6	0
1	Aldose Reductase B1 in Pig Sperm Is Related to Their Function and Fertilizing Ability.. *Frontiers in Endocrinology*, **2022**, 13, 773249	5.7	