

Raúl Sánchez

List of Publications by Year in descending order

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44
papers

1,167
citations

516215

16
h-index

395343

33
g-index

45
all docs

45
docs citations

45
times ranked

1241
citing authors

#	ARTICLE	IF	CITATIONS
19	Cryoprotectant-free vitrification of spermatozoa: Fish as a model of human. <i>Andrologia</i> , 2019, 51, e13166.	1.0	8
20	Changes in sperm function and structure after freezing in domestic cat spermatozoa. <i>Andrologia</i> , 2018, 50, e13080.	1.0	12
21	Nitrosative stress in human spermatozoa causes cell death characterized by induction of mitochondrial permeability transition-driven necrosis. <i>Asian Journal of Andrology</i> , 2018, 20, 600.	0.8	18
22	Chapter 6 Technology of Aseptic Cryoprotectant-Free Vitrification of Human ICSI Spermatozoa. <i>Methods in Molecular Biology</i> , 2017, 1568, 79-84.	0.4	4
23	Effect of incubation temperature after devitrification on quality parameters in human sperm cells. <i>Cryobiology</i> , 2017, 79, 78-81.	0.3	9
24	Melatonin Scavenger Properties against Oxidative and Nitrosative Stress: Impact on Gamete Handling and In Vitro Embryo Production in Humans and Other Mammals. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1119.	1.8	57
25	Effect of anisomycin, a protein synthesis inhibitor, on the <i>in vitro</i> developmental potential, ploidy and embryo quality of bovine ICSI embryos. <i>Zygote</i> , 2016, 24, 724-732.	0.5	14
26	Thiol oxidation by nitrosative stress: Cellular localization in human spermatozoa. <i>Systems Biology in Reproductive Medicine</i> , 2016, 62, 325-334.	1.0	13
27	Improved preimplantation development of bovine ICSI embryos generated with spermatozoa pretreated with membrane-destabilizing agents lysolecithin and Triton X-100. <i>Theriogenology</i> , 2016, 86, 1489-1497.	0.9	15
28	Leukocytes coincubated with human sperm trigger classic neutrophil extracellular traps formation, reducing sperm motility. <i>Fertility and Sterility</i> , 2016, 106, 1053-1060.e1.	0.5	51
29	Modulaci3n del Estado de xido-Reducci3n por Perxido de Hidr3geno en la Etapa de Maduraci3n Ovocitaria: Efecto sobre el Desarrollo Embrionario en Bovinos. <i>International Journal of Morphology</i> , 2016, 34, 431-435.	0.1	3
30	Intracytoplasmic sperm injection affects embryo developmental potential and gene expression in cattle. <i>Reproductive Biology</i> , 2015, 15, 34-41.	0.9	24
31	Addition of superoxide dismutase mimics during cooling process prevents oxidative stress and improves semen quality parameters in frozen/thawed ram spermatozoa. <i>Theriogenology</i> , 2014, 82, 884-889.	0.9	28
32	Effect of the addition of two superoxide dismutase analogues (Tempo and Tempol) to alpaca semen extender for cryopreservation. <i>Theriogenology</i> , 2013, 79, 842-846.	0.9	32
33	Vitrificaci3n de espermatozoides: una alternativa a la inyecci3n intracitoplasmtica de espermatozoides en paciente con oligoastenozoospermia severa. <i>Revista Internacional De Androloga</i> , 2013, 11, 36-39.	0.1	2
34	Live Birth After Intrauterine Insemination With Spermatozoa From an Oligoasthenozoospermic Patient Vitrified Without Permeable Cryoprotectants. <i>Journal of Andrology</i> , 2012, 33, 559-562.	2.0	54
35	Human spermatozoa vitrified in the absence of permeable cryoprotectants: birth of two healthy babies. <i>Reproduction, Fertility and Development</i> , 2012, 24, 323.	0.1	62
36	Novel Approaches to the Cryopreservation of Human Spermatozoa: History and Development of the Spermatozoa Vitrification Technology. <i>Journal of Reproductive and Stem Cell Biotechnology</i> , 2011, 2, 128-145.	0.1	7

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37	Human sperm chemotaxis depends on critical levels of reactive oxygen species. <i>Fertility and Sterility</i> , 2010, 93, 150-153.	0.5	22
38	Effect of <i>Escherichia coli</i> and its soluble factors on mitochondrial membrane potential, phosphatidylserine translocation, viability, and motility of human spermatozoa. <i>Fertility and Sterility</i> , 2010, 94, 619-623.	0.5	79
39	Progesterone sperm chemoattraction may be modulated by its corticosteroid-binding globulin carrier protein. <i>Fertility and Sterility</i> , 2010, 93, 2450-2452.	0.5	16
40	Molecular Mechanism for Human Sperm Chemotaxis Mediated by Progesterone. <i>PLoS ONE</i> , 2009, 4, e8211.	1.1	131
41	Progesterone at the picomolar range is a chemoattractant for mammalian spermatozoa. <i>Fertility and Sterility</i> , 2006, 86, 745-749.	0.5	168
42	Effects on the quality of frozen-thawed alpaca (<i>Lama pacos</i>) semen using two different cryoprotectants and extenders. <i>Asian Journal of Andrology</i> , 2005, 7, 303-309.	0.8	51
43	Influence of reactive oxygen species produced by activated leukocytes at the level of apoptosis in mature human spermatozoa. <i>Fertility and Sterility</i> , 2005, 83, 808-810.	0.5	40
44	Lack of species-specificity in mammalian sperm chemotaxis. <i>Developmental Biology</i> , 2003, 255, 423-427.	0.9	40