

María José Gálvez-Torres

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

634
citations

686830

13
h-index

610482

24
g-index

40
all docs

40
docs citations

40
times ranked

714
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting seminal quality with artificial intelligence methods. <i>Expert Systems With Applications</i> , 2012, 39, 12564-12573.	4.4	93
2	Embryotoxicity of peritoneal fluid in women with endometriosis. Its relation with cytokines and lymphocyte populations. <i>Human Reproduction</i> , 2002, 17, 777-781.	0.4	52
3	Carbohydrate analysis of the zona pellucida and cortical granules of human oocytes by means of ultrastructural cytochemistry. <i>Human Reproduction</i> , 2004, 19, 1842-1855.	0.4	52
4	Semen Parameters Can Be Predicted from Environmental Factors and Lifestyle Using Artificial Intelligence Methods1. <i>Biology of Reproduction</i> , 2013, 88, 99.	1.2	49
5	Use of intraperitoneal interferon γ therapy after conservative surgery for endometriosis and postoperative medical treatment with depot gonadotropin-releasing hormone analog: a randomized clinical trial. <i>Fertility and Sterility</i> , 2002, 78, 705-711.	0.5	46
6	GnRH Analogues, Transvaginal Ultrasound-Guided Drainage and Intracystic Injection of Recombinant Interleukin-2 in the Treatment of Endometriosis. <i>Gynecologic and Obstetric Investigation</i> , 2003, 55, 96-104.	0.7	42
7	Effectiveness of human spermatozoa biomarkers as indicators of structural damage during cryopreservation. <i>Cryobiology</i> , 2017, 78, 90-94.	0.3	39
8	Impact of Heavy Metals on Human Male Fertility—An Overview. <i>Antioxidants</i> , 2021, 10, 1473.	2.2	36
9	Catalase as a Molecular Target for Male Infertility Diagnosis and Monitoring: An Overview. <i>Antioxidants</i> , 2020, 9, 78.	2.2	28
10	Characterization of the lectin binding pattern in human spermatozoa after swim-up selection. <i>Histology and Histopathology</i> , 2012, 27, 1621-8.	0.5	22
11	Relationship between serum dioxin-like polychlorinated biphenyls and post-testicular maturation in human sperm. <i>Reproductive Toxicology</i> , 2017, 73, 312-321.	1.3	19
12	The effects of male social environment on sperm phenotype and genome integrity. <i>Journal of Evolutionary Biology</i> , 2019, 32, 535-544.	0.8	18
13	Sperm immobilized before intracytoplasmic sperm injection undergo ultrastructural damage and acrosomal disruption. <i>Fertility and Sterility</i> , 2007, 88, 702-704.	0.5	17
14	Ultrastructural characteristics of human oocytes vitrified before and after <i>in vitro</i> maturation. <i>Journal of Reproduction and Development</i> , 2017, 63, 377-382.	0.5	13
15	Influence of <i>in vitro</i> capacitation time on structural and functional human sperm parameters. <i>Asian Journal of Andrology</i> , 2020, 22, 447.	0.8	13
16	Human sperm chaperone HSPA2 distribution during <i>in vitro</i> capacitation. <i>Journal of Reproductive Immunology</i> , 2021, 143, 103246.	0.8	10
17	Metabolites involved in cellular communication among human cumulus-oocyte-complex and sperm during <i>in vitro</i> fertilization. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 123.	1.4	9
18	Ultrastructural study of retinal development in the turtle <i>Trachemys scripta elegans</i> . <i>Zoomorphology</i> , 2016, 135, 205-216.	0.4	9

#	ARTICLE	IF	CITATIONS
19	Arylsulfatase A Remodeling during Human Sperm In Vitro Capacitation Using Field Emission Scanning Electron Microscopy (FE-SEM). <i>Cells</i> , 2021, 10, 222.	1.8	8
20	Impact of Maturation and Vitrification Time of Human GV Oocytes on the Metaphase Plate Configuration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1125.	1.8	8
21	Mammalian spermatozoa and cumulus cells bind to a 3D model generated by recombinant zona pellucida protein-coated beads. <i>Scientific Reports</i> , 2019, 9, 17989.	1.6	7
22	Levels of dioxin-like PCBs in low-volume serum samples of male patients attending fertility clinics. <i>Environmental Science and Pollution Research</i> , 2016, 23, 3463-3468.	2.7	5
23	First birth of a healthy infant following intra-cytoplasmic sperm injection using a new permeable cryoprotectant-free sperm vitrification protocol. <i>Cryobiology</i> , 2019, 87, 117-119.	0.3	5
24	Student perceptions of the cell biology laboratory learning environment in four undergraduate science courses in Spain. <i>Learning Environments Research</i> , 2016, 19, 87-106.	1.8	4
25	FE-SEM Characterization of \pm -Mannose Density and Surface Mapping Changes in Human Sperm Head During In Vitro Capacitation. <i>Microscopy and Microanalysis</i> , 2020, 26, 1220-1225.	0.2	4
26	Lectin spatial immunolocalization during in vitro capacitation in <i>Tursiops truncatus</i> spermatozoa. <i>Animal Reproduction</i> , 2020, 17, e20190083.	0.4	4
27	The Role of Sperm Proteins IZUMO1 and TMEM95 in Mammalian Fertilization: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3929.	1.8	4
28	Peritoneal fluid from women with endometriosis impairs human spermatozoa functionality. <i>Reproductive Biology</i> , 2020, 20, 81-87.	0.9	3
29	Proper cytoskeleton α -tubulin distribution is concomitant to tyrosine phosphorylation during in vitro capacitation and acrosomal reaction in human spermatozoa. <i>Cytoskeleton</i> , 2020, 77, 333-341.	1.0	3
30	Characterization of Human Spermatic Subpopulations by ConA-Binding Sites and Tyrosine Phosphorylation during in vitro Capacitation and Acrosome Reaction. <i>Cells Tissues Organs</i> , 2021, 210, 1-9.	1.3	3
31	Specific lectin binding sites during in vitro capacitation and acrosome reaction in boar spermatozoa. <i>Italian Journal of Animal Science</i> , 2021, 20, 372-382.	0.8	2
32	Immunofluorescence and High-Resolution Microscopy Reveal New Insights in Human Globozoospermia. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1729.	1.8	2
33	Associations of paternal serum dioxin-like polychlorinated biphenyl concentrations with IVF success: A pilot study. <i>Environmental Research</i> , 2021, 206, 112248.	3.7	1
34	Molecular Chaperone HSPA2 Distribution During Hyaluronic Acid Selection in Human Sperm. <i>Reproductive Sciences</i> , 0, , .	1.1	1
35	Efecto de la Vitrificación de Ovocitos Humanos sobre la Capacidad de Unión y el Estado Acrosomal de Espermatozoides Humanos. <i>International Journal of Morphology</i> , 2015, 33, 835-841.	0.1	0
36	Quantification and Topographical Distribution of Terminal and Linked Fucose Residues in Human Spermatozoa by Using Field Emission Scanning Electron Microscopy (FE-SEM). <i>International Journal of Molecular Sciences</i> , 2021, 22, 11947.	1.8	0

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37	Morphological and ultrastructural alterations of zebrafish (<i>Danio rerio</i>) spermatozoa after motility activation. <i>Theriogenology</i> , 2022, , .	0.9	0