

Raquel Romar

List of Publications by Citations

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Version: 2024-04-28

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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.

28

papers

691

citations

10

h-index

26

g-index

30

ext. papers

824

ext. citations

3.4

avg, IF

3.65

L-index

#	Paper	IF	Citations
28	Decrease in glutathione content in boar sperm after cryopreservation. Effect of the addition of reduced glutathione to the freezing and thawing extenders. <i>Theriogenology</i> , 2004 , 62, 690-701	2.8	168
27	Oviduct-specific glycoprotein and heparin modulate sperm-zona pellucida interaction during fertilization and contribute to the control of polyspermy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 15809-14	11.5	158
26	DNA methylation and gene expression changes derived from assisted reproductive technologies can be decreased by reproductive fluids. <i>ELife</i> , 2017 , 6,	8.9	80
25	Determination of glycosidase activity in porcine oviductal fluid at the different phases of the estrous cycle. <i>Reproduction</i> , 2008 , 136, 833-42	3.8	58
24	In vitro fertilization in pigs: New molecules and protocols to consider in the forthcoming years. <i>Theriogenology</i> , 2016 , 85, 125-34	2.8	40
23	Glycosidase determination in bovine oviductal fluid at the follicular and luteal phases of the oestrous cycle. <i>Reproduction, Fertility and Development</i> , 2008 , 20, 808-17	1.8	34
22	Oviductal Transcriptome Is Modified after Insemination during Spontaneous Ovulation in the Sow. <i>PLoS ONE</i> , 2015 , 10, e0130128	3.7	33
21	Timing of oviductal fluid collection, steroid concentrations, and sperm preservation method affect porcine in vitro fertilization efficiency. <i>Fertility and Sterility</i> , 2014 , 102, 1762-8.e1	4.8	26
20	Pig in vitro fertilization: Where are we and where do we go?. <i>Theriogenology</i> , 2019 , 137, 113-121	2.8	23
19	DNA methylation changes during preimplantation development reveal inter-species differences and reprogramming events at imprinted genes. <i>Clinical Epigenetics</i> , 2020 , 12, 64	7.7	19
18	Incubation of boar spermatozoa in viscous media by addition of methylcellulose improves sperm quality and penetration rates during in vitro fertilization. <i>Theriogenology</i> , 2017 , 92, 14-23	2.8	9
17	Disruption of O-GlcNAc homeostasis during mammalian oocyte meiotic maturation impacts fertilization. <i>Molecular Reproduction and Development</i> , 2019 , 86, 543-557	2.6	6
16	JUNO protein coated beads: A potential tool to predict bovine sperm fertilizing ability. <i>Theriogenology</i> , 2020 , 155, 168-175	2.8	5
15	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	4.9	5
14	Generation of Nonmosaic, Two-Pore Channel 2 Biallelic Knockout Pigs in One Generation by CRISPR-Cas9 Microinjection Before Oocyte Insemination. <i>CRISPR Journal</i> , 2021 , 4, 132-146	2.5	5
13	Effect of oviductal fluid on bull sperm functionality and fertility under non-capacitating and capacitating incubation conditions. <i>Theriogenology</i> , 2020 , 158, 406-415	2.8	4
12	Author response: DNA methylation and gene expression changes derived from assisted reproductive technologies can be decreased by reproductive fluids 2017 ,		3

11	Replacement of Albumin by Preovulatory Oviductal Fluid in Swim-Up Sperm Preparation Method Modifies Boar Sperm Parameters and Improves In Vitro Penetration of Oocytes. <i>Animals</i> , 2021 , 11,	3.1	3
10	Effect of Aphidicolin, a Reversible Inhibitor of Eukaryotic Nuclear DNA Replication, on the Production of Genetically Modified Porcine Embryos by CRISPR/Cas9.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	3
9	Physiology learning for veterinary students: impact of guided practices on students Zopinion and physiological parameters. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2018 , 42, 215-224	1.9	2
8	Sperm binding to ZP2-coated beads improve the efficiency of porcine in vitro fertilisation. <i>Reproduction</i> , 2020 , 160, 725-735	3.8	2
7	Sperm-Binding Assay Using an In Vitro 3D Model of the Mammalian Cumulus-Oocyte Complex. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , 2020 , 86, e100	1	2
6	Reproductive fluids, added to the culture media, contribute to minimizing phenotypical differences between in vitro-derived and artificial insemination-derived piglets.. <i>Journal of Developmental Origins of Health and Disease</i> , 2022 , 1-13	2.4	1
5	Growth analysis and blood profile in piglets born by embryo transfer. <i>Research in Veterinary Science</i> , 2021 , 142, 43-53	2.5	1
4	Generation of Calpain-3 knock-out porcine embryos by CRISPR-Cas9 electroporation and intracytoplasmic microinjection of oocytes before insemination.. <i>Theriogenology</i> , 2022 , 186, 175-184	2.8	1
3	Addition of exogenous proteins detected in oviductal secretions to in vitro culture medium does not improve the efficiency of in vitro fertilization in pigs. <i>Theriogenology</i> , 2020 , 157, 490-497	2.8	0
2	Relative transcript abundance in porcine cumulus cells collected from different sized follicles. <i>Reproduction in Domestic Animals</i> , 2021 , 56, 374-380	1.6	0
1	The embryo culture media in the era of epigenetics: is it time to go back to nature?. <i>Animal Reproduction</i> , 2022 , 19, e20210132	1.7	0