

Jon Romero-Aguirregomezcorta

List of Publications by Citations

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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.

19 papers	132 citations	8 h-index	11 g-index
19 ext. papers	209 ext. citations	2.9 avg, IF	2.89 L-index

#	Paper	IF	Citations
19	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
18	Improving porcine in vitro fertilization output by simulating the oviductal environment. <i>Scientific Reports</i> , 2017 , 7,	4.9	14
17	Nitric oxide synthase (NOS) inhibition during porcine in vitro maturation modifies oocyte protein S-nitrosylation and in vitro fertilization. <i>PLoS ONE</i> , 2014 , 9, e115044	3.7	13
16	Progesterone induces the release of bull spermatozoa from oviductal epithelial cells. <i>Reproduction, Fertility and Development</i> , 2019 , 31, 1463-1472	1.8	11
15	Manipulation of bicarbonate concentration in sperm capacitation media improves in vitro fertilisation output in porcine species. <i>Journal of Animal Science and Biotechnology</i> , 2019 , 10, 19	6	11
14	Recombinant α -defensin 126 promotes bull sperm binding to bovine oviductal epithelia. <i>Reproduction, Fertility and Development</i> , 2018 , 30, 1472-1481	1.8	11
13	Regulation of boar sperm functionality by the nitric oxide synthase/nitric oxide system. <i>Journal of Assisted Reproduction and Genetics</i> , 2019 , 36, 1721-1736	3.4	10
12	Hyperactivated stallion spermatozoa fail to exhibit a rheotaxis-like behaviour, unlike other species. <i>Scientific Reports</i> , 2018 , 8, 16897	4.9	10
11	Implications of boar sperm kinematics and rheotaxis for fertility after preservation. <i>Theriogenology</i> , 2019 , 137, 15-22	2.8	8
10	α -L-fucosidase enhances capacitation-associated events in porcine spermatozoa. <i>Veterinary Journal</i> , 2015 , 203, 109-14	2.5	8
9	The endocannabinoid system modulates the ovarian physiology and its activation can improve in vitro oocyte maturation. <i>Journal of Cellular Physiology</i> , 2020 , 235, 7580-7591	7	4
8	Use of sex-sorted and unsorted frozen/thawed sperm and in vitro fertilization events in bovine oocytes derived from ultrasound-guided aspiration. <i>Revista Brasileira De Zootecnia</i> , 2013 , 42, 721-727	1.2	2
7	Sperm selection by rheotaxis improves sperm quality and early embryo development. <i>Reproduction</i> , 2021 , 161, 343-352	3.8	2
6	Delta and kappa opioid receptors on mouse sperm cells: Expression, localization and involvement on in vitro fertilization. <i>Reproductive Toxicology</i> , 2020 , 93, 211-218	3.4	1
5	Mu opioid receptor expression and localisation in murine spermatozoa and its role in IVF. <i>Reproduction, Fertility and Development</i> , 2020 , 32, 349-354	1.8	1
4	Application of reproductive biotechnology for the recovery of endangered breeds: birth of the first calf of Murciana-Levantina bovine breed derived by OPU, in vitro production and embryo vitrification. <i>Reproduction in Domestic Animals</i> , 2013 , 48, e81-4	1.6	0
3	Epididymal and ejaculated sperm functionality is regulated differently by periovulatory oviductal fluid in pigs. <i>Andrology</i> , 2021 , 9, 426-439	4.2	0

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| 2 | Involvement of nitric oxide during in vitro oocyte maturation, sperm capacitation and in vitro fertilization in pig. <i>Research in Veterinary Science</i> , 2021 , 134, 150-158 | 2.5 | ○ |
| 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 | ○ |