Rolando Pasquariello

List of Publications by Year
in descending order

24	396	932766 10	794141 19
papers	citations	h-index	g-index

25	25	25	603
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design and validation of a 90K SNP genotyping assay for the water buffalo (Bubalus bubalis). PLoS ONE, 2017, 12, e0185220.	1.1	76
2	Alterations in oocyte mitochondrial number and function are related to spindle defects and occur with maternal aging in mice and humansâ€. Biology of Reproduction, 2019, 100, 971-981.	1.2	64
3	The Role of Resveratrol in Mammalian Reproduction. Molecules, 2020, 25, 4554.	1.7	54
4	A Detailed Study of Rainbow Trout (Onchorhynchus mykiss) Intestine Revealed That Digestive and Absorptive Functions Are Not Linearly Distributed along Its Length. Animals, 2020, 10, 745.	1.0	34
5	The landscape of accessible chromatin in bovine oocytes and early embryos. Epigenetics, 2021, 16, 300-312.	1.3	32
6	Apelin System in Mammary Gland of Sheep Reared in Semi-Natural Pastures of the Central Apennines. Animals, 2018, 8, 223.	1.0	20
7	Implications of miRNA expression pattern in bovine oocytes and follicular fluids for developmental competence. Theriogenology, 2020, 145, 77-85.	0.9	17
8	A six-inhibitor culture medium for improving naÃ¯ve-type pluripotency of porcine pluripotent stem cells. Cell Death Discovery, 2019, 5, 104.	2.0	16
9	New Stable Cell Lines Derived from the Proximal and Distal Intestine of Rainbow Trout (Oncorhynchus mykiss) Retain Several Properties Observed In Vivo. Cells, 2021, 10, 1555.	1.8	15
10	A novel culture medium with reduced nutrient concentrations supports the development and viability of mouse embryos. Scientific Reports, 2020, 10, 9263.	1.6	13
11	Profiling bovine blastocyst microRNAs using deep sequencing. Reproduction, Fertility and Development, 2017, 29, 1545.	0.1	9
12	Effect of chelating and antioxidant agents on morphology and DNA methylation in freezeâ€drying rabbit (Oryctolagus cuniculus) spermatozoa. Reproduction in Domestic Animals, 2020, 55, 29-37.	0.6	8
13	The 3D Pattern of the Rainbow Trout (Oncorhynchus mykiss) Enterocytes and Intestinal Stem Cells. International Journal of Molecular Sciences, 2020, 21, 9192.	1.8	8
14	Developmental and molecular response of bovine embryos to reduced nutrients in vitro. Reproduction and Fertility, 2020, 1, 51-65.	0.6	5
15	Telocytes: Active Players in the Rainbow Trout (Oncorhynchus mykiss) Intestinal Stem-Cell Niche. Animals, 2022, 12, 74.	1.0	3
16	Micro-RNA sequencing of individual human oocytes. Fertility and Sterility, 2017, 108, e144.	0.5	2
17	Preparation of Biological Scaffolds and Primary Intestinal Epithelial Cells to Efficiently 3D Model the Fish Intestinal Mucosa. Methods in Molecular Biology, 2021, 2273, 263-278.	0.4	2
18	Growth factors improve mouse oocyte developmental potential via increased MAPK and MTOR signaling activities in cumulus cells during in vitro maturation. Fertility and Sterility, 2018, 110, e313.	0.5	1

#	Article	IF	Citations
19	In search of the transcriptional blueprints of a competent oocyte. Animal Reproduction, 2017, 14, 34-47.	0.4	1
20	148 FOLLICULAR FLUID microRNA SEQUENCES AS BIOMARKERS OF COMPETENT OOCYTES IN CATTLE. Reproduction, Fertility and Development, 2016, 28, 204.	0.1	1
21	Mitochondrial function and mt-DNA contentÂare associated with the poor quality of oocytes from patients of advanced maternal age. Fertility and Sterility, 2017, 108, e145.	0.5	0
22	Supplemention of mitochondria targeted antioxidants during mouse embryo culture has significant effects on embryo quality and mitochondrial DNA copy number. Fertility and Sterility, 2018, 110, e75.	0.5	0
23	73 Fatty Acid Supplementation in Culture Medium with Reduced Nutrient Concentrations Improves Bovine Blastocyst Development Compared with Standard Culture Medium. Reproduction, Fertility and Development, 2018, 30, 175.	0.1	0
24	62 Sequential nutrient restriction and provision during bovine in vitro embryo culture differentially affect blastocyst development and quality with oocytes from varied sources. Reproduction, Fertility and Development, 2019, 31, 156.	0.1	0