

Nicola Antonio Martino

List of Publications by Year in descending order

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25
papers

431
citations

759233

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h-index

752698

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25
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docs citations

25
times ranked

743
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vitro Acute Exposure to DEHP Affects Oocyte Meiotic Maturation, Energy and Oxidative Stress Parameters in a Large Animal Model. PLoS ONE, 2011, 6, e27452.	2.5	78
2	Toxic Mechanisms Induced by Fumonisin B1 Mycotoxin on Human Intestinal Cell Line. Archives of Environmental Contamination and Toxicology, 2014, 67, 115-123.	4.1	34
3	Good Preservation of Stromal Cells and No Apoptosis in Human Ovarian Tissue after Vitrification. BioMed Research International, 2014, 2014, 1-7.	1.9	32
4	Oocyte mitochondrial bioenergy potential and oxidative stress: within-/between-subject, in vivo versus in vitro maturation, and age-related variations in a sheep model. Fertility and Sterility, 2012, 97, 720-728.e1.	1.0	31
5	Characterization and in vitro differentiation potency of early passage canine amnion and umbilical cord derived mesenchymal stem cells as related to gestational age. Molecular Reproduction and Development, 2014, 81, 539-551.	2.0	30
6	Supplementation with nanomolar concentrations of verbascoside during in vitro maturation improves embryo development by protecting the oocyte against oxidative stress: a large animal model study. Reproductive Toxicology, 2016, 65, 204-211.	2.9	22
7	One-step automated bioprinting-based method for cumulus-oocyte complex microencapsulation for 3D in vitro maturation. PLoS ONE, 2020, 15, e0238812.	2.5	20
8	The mycotoxin beauvericin induces oocyte mitochondrial dysfunction and affects embryo development in the juvenile sheep. Molecular Reproduction and Development, 2019, 86, 1430-1443.	2.0	18
9	Functional Expression of the Extracellular Calcium Sensing Receptor (CaSR) in Equine Umbilical Cord Matrix Size-Sieved Stem Cells. PLoS ONE, 2011, 6, e17714.	2.5	17
10	Confocal laser scanning microscopy analysis of bioenergetic potential and oxidative stress in fresh and frozen-thawed human ovarian tissue from oncologic patients. Fertility and Sterility, 2014, 101, 795-804.e1.	1.0	17
11	Calcium-Sensing Receptor-Mediated Osteogenic and Early-Stage Neurogenic Differentiation in Umbilical Cord Matrix Mesenchymal Stem Cells from a Large Animal Model. PLoS ONE, 2014, 9, e111533.	2.5	16
12	Ochratoxin A at low concentrations inhibits in vitro growth of canine umbilical cord matrix mesenchymal stem cells through oxidative chromatin and DNA damage. Reproductive Toxicology, 2015, 57, 121-129.	2.9	15
13	Effect of cariporide on ram sperm pH regulation and motility: possible role of NHE1. Reproduction, 2018, 155, 433-445.	2.6	13
14	Altered morphokinetics in equine embryos from oocytes exposed to DEHP during IVF. Molecular Reproduction and Development, 2019, 86, 1388-1404.	2.0	13
15	A lectin-based cell microarray approach to analyze the mammalian granulosa cell surface glycosylation profile. Glycoconjugate Journal, 2016, 33, 717-724.	2.7	12
16	Male infertility and copy number variants (CNVs) in the dog: a two-pronged approach using Computer Assisted Sperm Analysis (CASA) and Fluorescent In Situ Hybridization (FISH). BMC Genomics, 2013, 14, 921.	2.8	10
17	Priming with inflammatory cytokines is not a prerequisite to increase immune-suppressive effects and responsiveness of equine amniotic mesenchymal stromal cells. Stem Cell Research and Therapy, 2020, 11, 99.	5.5	10
18	Exposure to follicular fluid during oocyte maturation and oviductal fluid during post-maturation does not improve in vitro embryo production in the horse. Zygote, 2017, 25, 612-630.	1.1	9

#	ARTICLE	IF	CITATIONS
19	Use of time-lapse imaging to evaluate morphokinetics of in vitro equine blastocyst development after oocyte holding for two days at 15°C versus room temperature before intracytoplasmic sperm injection. <i>Reproduction, Fertility and Development</i> , 2019, 31, 1862.	0.4	8
20	Centrifugation Force and Time Alter CASA Parameters and Oxidative Status of Cryopreserved Stallion Sperm. <i>Biology</i> , 2020, 9, 22.	2.8	7
21	Differential expression and localization of glycosidic residues in in vitro- and in vivo-matured cumulus-oocyte complexes in equine and porcine species. <i>Molecular Reproduction and Development</i> , 2014, 81, 1115-1135.	2.0	6
22	Ochratoxin A affects oocyte maturation and subsequent embryo developmental dynamics in the juvenile sheep model. <i>Mycotoxin Research</i> , 2021, 37, 23-37.	2.3	5
23	Effect of relaxin on cryopreserved beef bull semen characteristics. <i>Cryobiology</i> , 2020, 95, 51-59.	0.7	4
24	Effect of relaxin on semen quality variables of cryopreserved stallion semen. <i>Animal Reproduction Science</i> , 2020, 216, 106351.	1.5	3
25	Effects of low-dose X-ray medical diagnostics on female gonads: Insights from large animal oocytes and human ovaries as complementary models. <i>PLoS ONE</i> , 2021, 16, e0253536.	2.5	1