

# Nicola Antonio Martino

## List of Publications by Year in descending order

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25  
papers

431  
citations

759190

12  
h-index

752679

20  
g-index

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25  
docs citations

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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. <i>PLoS ONE</i> , 2011, 6, e27452.	2.5	78
2	Toxic Mechanisms Induced by Fumonisin B1 Mycotoxin on Human Intestinal Cell Line. <i>Archives of Environmental Contamination and Toxicology</i> , 2014, 67, 115-123.	4.1	34
3	Good Preservation of Stromal Cells and No Apoptosis in Human Ovarian Tissue after Vitrification. <i>BioMed Research International</i> , 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. <i>Fertility and Sterility</i> , 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. <i>Molecular Reproduction and Development</i> , 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. <i>Reproductive Toxicology</i> , 2016, 65, 204-211.	2.9	22
7	One-step automated bioprinting-based method for cumulus-oocyte complex microencapsulation for 3D in vitro maturation. <i>PLoS ONE</i> , 2020, 15, e0238812.	2.5	20
8	The mycotoxin beauvericin induces oocyte mitochondrial dysfunction and affects embryo development in the juvenile sheep. <i>Molecular Reproduction and Development</i> , 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. <i>PLoS ONE</i> , 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. <i>Fertility and Sterility</i> , 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. <i>PLoS ONE</i> , 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. <i>Reproductive Toxicology</i> , 2015, 57, 121-129.	2.9	15
13	Effect of cariporide on ram sperm pH regulation and motility: possible role of NHE1. <i>Reproduction</i> , 2018, 155, 433-445.	2.6	13
14	Altered morphokinetics in equine embryos from oocytes exposed to DEHP during IVM. <i>Molecular Reproduction and Development</i> , 2019, 86, 1388-1404.	2.0	13
15	A lectin-based cell microarray approach to analyze the mammalian granulosa cell surface glycosylation profile. <i>Glycoconjugate Journal</i> , 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). <i>BMC Genomics</i> , 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. <i>Stem Cell Research and Therapy</i> , 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. <i>Zygote</i> , 2017, 25, 612-630.	1.1	9

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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