

Monica Forni

List of Publications by Year in descending order

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110
papers

2,372
citations

257101

24
h-index

253896

43
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112
all docs

112
docs citations

112
times ranked

2776
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy of Stem Cell Therapy in Large Animal Models of Ischemic Cardiomyopathies: A Systematic Review and Meta-Analysis. <i>Animals</i> , 2022, 12, 749.	1.0	9
2	Influence of Dietary Supplementation with <i>Boswellia serrata</i> and <i>Salix alba</i> on Performance and Blood Biochemistry in Free-Range Leghorn Laying Hens. <i>Veterinary Sciences</i> , 2022, 9, 182.	0.6	5
3	Mitochondria Bioenergetic Functions and Cell Metabolism Are Modulated by the Bergamot Polyphenolic Fraction. <i>Cells</i> , 2022, 11, 1401.	1.8	9
4	Doxorubicin treatment modulates chemoresistance and affects the cell cycle in two canine mammary tumour cell lines. <i>BMC Veterinary Research</i> , 2021, 17, 30.	0.7	14
5	Animal Models for In Vivo Lactation Studies: Anatomy, Physiology and Milk Compositions in the Most Used Non-Clinical Species: A Contribution from the ConcePTION Project. <i>Animals</i> , 2021, 11, 714.	1.0	17
6	Relationship between serum concentration, functional parameters and cell bioenergetics in IPEC-J2 cell line. <i>Histochemistry and Cell Biology</i> , 2021, 156, 59-67.	0.8	14
7	A comprehensive review on non-clinical methods to study transfer of medication into breast milk – A contribution from the ConcePTION project. <i>Biomedicine and Pharmacotherapy</i> , 2021, 136, 111038.	2.5	19
8	Vitamin K Vitamers Differently Affect Energy Metabolism in IPEC-J2 Cells. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 682191.	1.6	5
9	Testicular Melatonin and Its Pathway in Roe Deer Bucks (<i>Capreolus capreolus</i>) during Pre- and Post-Rut Periods: Correlation with Testicular Involution. <i>Animals</i> , 2021, 11, 1874.	1.0	0
10	Development of a Pig Mammary Epithelial Cell Culture Model as a Non-Clinical Tool for Studying Epithelial Barrier – A Contribution from the IMI-ConcePTION Project. <i>Animals</i> , 2021, 11, 2012.	1.0	2
11	Localization of the Serotonin Transporter in the Dog Intestine and Comparison to the Rat and Human Intestines. <i>Frontiers in Veterinary Science</i> , 2021, 8, 802479.	0.9	3
12	Alteration of immunological parameters in infectious bronchitis vaccinated – specific pathogen-free broilers after the use of different infectious bursal disease vaccines. <i>Poultry Science</i> , 2020, 99, 4351-4359.	1.5	6
13	Expression of Proteinase-Activated Receptor 2 During Colon Volvulus in the Horse. <i>Frontiers in Veterinary Science</i> , 2020, 7, 589367.	0.9	0
14	Effects of Hydrogen Sulfide Donor NaHS on Porcine Vascular Wall-Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5267.	1.8	2
15	<i>Clinopodium tomentosum</i> (Kunth) Govaerts Leaf Extract Influences in vitro Cell Proliferation and Angiogenesis on Primary Cultures of Porcine Aortic Endothelial Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-11.	1.9	3
16	Preliminary Assessment of the Mucosal Toxicity of Tea Tree (<i>Melaleuca alternifolia</i>) and Rosemary (<i>Rosmarinus officinalis</i>) Essential Oils on Novel Porcine Uterus Models. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3350.	1.8	8
17	Non-invasive Assessment of Fecal Stress Biomarkers in Hunting Dogs During Exercise and at Rest. <i>Frontiers in Veterinary Science</i> , 2020, 7, 126.	0.9	13
18	Uncovering the Physiological Mechanisms Underlying the Roe Deer (<i>Capreolus capreolus</i>) Testicular Cycle: Analyses of Gelatinases and VEGF Patterns and Correlation with Testes Weight and Testosterone. <i>Animals</i> , 2020, 10, 444.	1.0	7

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19	Vascular Wall-Mesenchymal Stem Cells Differentiation on 3D Biodegradable Highly Porous CaSi-DCPD Doped Poly (Î±-hydroxy) Acids Scaffolds for Bone Regeneration. <i>Nanomaterials</i> , 2020, 10, 243.	1.9	18
20	Influence of <i>Lactobacillus kefiri</i> on Intestinal Microbiota and Fecal IgA Content of Healthy Dogs. <i>Frontiers in Veterinary Science</i> , 2020, 7, 146.	0.9	11
21	Characterization of Atrial and Ventricular Structural Remodeling in a Porcine Model of Atrial Fibrillation Induced by Atrial Tachypacing. <i>Frontiers in Veterinary Science</i> , 2020, 7, 179.	0.9	13
22	Barrier Effect of a New Topical Agent on Damaged Esophageal Mucosa: Experimental Study on an ex vivo Swine Model. <i>Clinical and Experimental Gastroenterology</i> , 2020, Volume 13, 569-576.	1.0	5
23	A novel ex vivo porcine model of acid-induced esophageal damage for preliminary functional evaluations of anti-gastroesophageal reflux disease medical devices. <i>Veterinary World</i> , 2020, 13, 2728-2735.	0.7	2
24	Cytotoxic Effects of <i>Artemisia annua</i> L. and Pure Artemisinin on the D-17 Canine Osteosarcoma Cell Line. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-9.	1.9	20
25	Cellular Distribution of Canonical and Putative Cannabinoid Receptors in Canine Cervical Dorsal Root Ganglia. <i>Frontiers in Veterinary Science</i> , 2019, 6, 313.	0.9	24
26	Antimicrobial capabilities of non-spermicidal concentrations of tea tree (<i>Melaleuca alternifolia</i>) and rosemary (<i>Rosmarinus officinalis</i>) essential oils on the liquid phase of refrigerated swine seminal doses. <i>Research in Veterinary Science</i> , 2019, 127, 76-81.	0.9	23
27	Mitochondrial Ca ²⁺ -activated F ₁ F ₀ -ATPase hydrolyzes ATP and promotes the permeability transition pore. <i>Annals of the New York Academy of Sciences</i> , 2019, 1457, 142-157.	1.8	23
28	In Vitro Anti-Inflammatory Effect of <i>Salvia sagittata</i> Ethanolic Extract on Primary Cultures of Porcine Aortic Endothelial Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	10
29	Constitutive and LPS-stimulated secretome of porcine Vascular Wall-Mesenchymal Stem Cells exerts effects on in vitro endothelial angiogenesis. <i>BMC Veterinary Research</i> , 2019, 15, 123.	0.7	9
30	Characterization of metabolic profiles and lipopolysaccharide effects on porcine vascular wall mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 16685-16691.	2.0	5
31	Butyric acid induces spontaneous adipocytic differentiation of porcine bone marrow-derived mesenchymal stem cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2019, 55, 17-24.	0.7	4
32	In Vivo Effects of Einkorn Wheat (<i>Triticum monococcum</i>) Bread on the Intestinal Microbiota, Metabolome, and on the Glycemic and Insulinemic Response in the Pig Model. <i>Nutrients</i> , 2019, 11, 16.	1.7	17
33	Non-clinical Models to Determine Drug Passage into Human Breast Milk. <i>Current Pharmaceutical Design</i> , 2019, 25, 534-548.	0.9	17
34	Ex vivo effect of vascular wall stromal cells secretome on enteric ganglia. <i>World Journal of Gastroenterology</i> , 2019, 25, 4892-4903.	1.4	4
35	Semen evaluation and in vivo fertility in a Northern Italian pig farm: Can advanced statistical approaches compensate for low sample size? An observational study. <i>Animal Reproduction Science</i> , 2018, 192, 61-68.	0.5	4
36	Anti-Inflammatory Activity of <i>Boswellia serrata</i> Extracts: An In Vitro Study on Porcine Aortic Endothelial Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-9.	1.9	29

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37	Water/ethanol extract of <i>Cucumis sativus</i> L. fruit attenuates lipopolysaccharide-induced inflammatory response in endothelial cells. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 194.	3.7	10
38	Localization of cannabinoid receptors CB1, CB2, GPR55, and PPAR α in the canine gastrointestinal tract. <i>Histochemistry and Cell Biology</i> , 2018, 150, 187-205.	0.8	57
39	Enhancing quality with a research-based student feedback instrument: a comparison of veterinary students' learning experiences in two culturally different European universities. <i>Quality in Higher Education</i> , 2017, 23, 249-263.	0.6	18
40	Bioavailability of Microencapsulated Iron from Fortified Bread Assessed Using Piglet Model. <i>Nutrients</i> , 2017, 9, 272.	1.7	12
41	Regulation of β -Transducin and β -Gustducin Expression by a High Protein Diet in the Pig Gastrointestinal Tract. <i>PLoS ONE</i> , 2016, 11, e0148954.	1.1	9
42	Can Microfiltered Seminal Plasma Preserve the Morphofunctional Characteristics of Porcine Spermatozoa in the Absence of Antibiotics? A Preliminary Study. <i>Reproduction in Domestic Animals</i> , 2016, 51, 604-610.	0.6	15
43	The biomedical piglet: establishing reference intervals for haematology and clinical chemistry parameters of two age groups with and without iron supplementation. <i>BMC Veterinary Research</i> , 2016, 13, 23.	0.7	76
44	Deleterious effects of tributyltin on porcine vascular stem cells physiology. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016, 185-186, 38-44.	1.3	4
45	X and Y chromosome-bearing spermatozoa are equally able to uptake and internalize exogenous DNA by sperm-mediated gene transfer in swine. <i>Research in Veterinary Science</i> , 2016, 104, 1-3.	0.9	4
46	Effect of photoperiod on endocrine profiles and vitellogenin expression in European eels <i>Anguilla anguilla</i> during artificially induced ovarian development. <i>Theriogenology</i> , 2015, 83, 478-484.	0.9	12
47	In vitro differentiation of porcine aortic vascular precursor cells to endothelial and vascular smooth muscle cells. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 309, C320-C331.	2.1	18
48	Effect of tributyltin on mammalian endothelial cell integrity. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 176-177, 79-86.	1.3	21
49	Cells derived from porcine aorta tunica media show mesenchymal stromal-like cell properties in in vitro culture. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 306, C322-C333.	2.1	23
50	A study on some welfare-related parameters of hDAF transgenic pigs when compared with their conventional close relatives. <i>Animal</i> , 2014, 8, 810-816.	1.3	15
51	Hair cortisol determination in sows in two consecutive reproductive cycles. <i>Reproductive Biology</i> , 2014, 14, 218-223.	0.9	43
52	Cellular stress marker alteration and inflammatory response in pigs fed with an ochratoxin contaminated diet. <i>Research in Veterinary Science</i> , 2014, 97, 244-250.	0.9	21
53	Proteinase-activated receptor 2 expression in the intestinal tract of the horse. <i>Research in Veterinary Science</i> , 2014, 96, 464-471.	0.9	4
54	Orexin system expression in the gastrointestinal tract of pigs. <i>Research in Veterinary Science</i> , 2013, 95, 8-14.	0.9	7

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55	Expression and regulation of β -transducin in the pig gastrointestinal tract. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 466-474.	1.6	19
56	Expression of fluorescent reporter protein in equine embryos produced through intracytoplasmic sperm injection mediated gene transfer (ICSI-MGT). <i>Animal Reproduction Science</i> , 2013, 137, 53-61.	0.5	11
57	Retrospective monitoring of minimal residual disease using hairpin-shaped clone specific primers in B-cell lymphoma affected dogs. <i>Veterinary Immunology and Immunopathology</i> , 2013, 153, 279-288.	0.5	13
58	Development of a Vessel Organ Culture System: Characterisation of the Method and Implications for the Reduction of Animal Experiments. <i>ATLA Alternatives To Laboratory Animals</i> , 2013, 41, 259-269.	0.7	0
59	Diet Induced Mild Hypercholesterolemia in Pigs: Local and Systemic Inflammation, Effects on Vascular Injury – Rescue by High-Dose Statin Treatment. <i>PLoS ONE</i> , 2013, 8, e80588.	1.1	29
60	Differential expression of nitric oxide synthases in porcine aortic endothelial cells during LPS-induced apoptosis. <i>Journal of Inflammation</i> , 2012, 9, 47.	1.5	16
61	Procalcitonin gene expression after LPS stimulation in the porcine animal model. <i>Research in Veterinary Science</i> , 2012, 93, 921-927.	0.9	26
62	Differential gene expression and immune localization of the orexin system in the major salivary glands of pigs. <i>Regulatory Peptides</i> , 2011, 172, 51-57.	1.9	13
63	Protective effect of carbon monoxide pre-conditioning on LPS-induced endothelial cell stress. <i>Cell Stress and Chaperones</i> , 2010, 15, 219-224.	1.2	17
64	<i>Treponema denticola</i> alters cell vitality and induces HO-1 and Hsp70 expression in porcine aortic endothelial cells. <i>Cell Stress and Chaperones</i> , 2010, 15, 509-516.	1.2	9
65	Pulmonary kinetic expression of the endothelin system in a swine model of endotoxic shock. <i>Veterinary Research Communications</i> , 2010, 34, 21-24.	0.6	2
66	Real-time quantitative PCR using hairpin-shaped clone-specific primers for minimal residual disease assessment in an animal model of human non-Hodgkin lymphoma. <i>Molecular and Cellular Probes</i> , 2010, 24, 6-14.	0.9	6
67	Coupling sperm mediated gene transfer and sperm sorting techniques: a new perspective for swine transgenesis. <i>Theriogenology</i> , 2010, 74, 856-862.	0.9	12
68	A method for uptake quantification of multiple fluorescent DNAs in boar semen as an alternative to radiolabeling. <i>Journal of Biomolecular Techniques</i> , 2010, 21, 61-5.	0.8	2
69	Intravitreal NGF administration counteracts retina degeneration after permanent carotid artery occlusion in rat. <i>BMC Neuroscience</i> , 2009, 10, 52.	0.8	29
70	Sperm-mediated gene transfer – treated spermatozoa maintain good quality parameters and in vitro fertilization ability in swine. <i>Theriogenology</i> , 2009, 72, 1163-1170.	0.9	17
71	Complete sequencing of full-length canine ataxia telangiectasia mutated mRNA and characterization of its putative promoter. <i>Veterinary Immunology and Immunopathology</i> , 2009, 128, 437-440.	0.5	5
72	Pathogenetic role of hypercholesterolemia in a novel preclinical model of vascular injury in pigs. <i>Atherosclerosis</i> , 2009, 207, 384-390.	0.4	23

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73	Evaluation of swine fertilisation medium (SFM) efficiency in preserving spermatozoa quality during long-term storage in comparison to four commercial swine extenders. <i>Animal</i> , 2009, 3, 269-274.	1.3	15
74	Reduction of hyperacute rejection and protection of metabolism and function in hearts of human decay accelerating factor (hDAF)-expressing pigs. <i>Cardiovascular Research</i> , 2007, 73, 143-152.	1.8	19
75	Relationships between innovative and traditional parameters to investigate semen quality in pigs. <i>Animal Reproduction Science</i> , 2007, 99, 72-81.	0.5	15
76	Food deprivation stimulates the luteolytic capacity in the gilt. <i>Domestic Animal Endocrinology</i> , 2007, 33, 281-293.	0.8	0
77	Prostaglandin F2-alpha receptor (FPr) expression on porcine corpus luteum microvascular endothelial cells (pCL-MVECs). <i>Reproductive Biology and Endocrinology</i> , 2007, 5, 31.	1.4	14
78	Effects of 50 Hz sinusoidal magnetic fields on Hsp27, Hsp70, Hsp90 expression in porcine aortic endothelial cells (PAEC). <i>Bioelectromagnetics</i> , 2007, 28, 231-237.	0.9	31
79	Characterization and differential expression of vascular endothelial growth factor isoforms and receptors in swine corpus luteum throughout estrous cycle. <i>Molecular Reproduction and Development</i> , 2007, 74, 163-171.	1.0	30
80	Matrix Metalloproteinases -2 and -9 in Swine Luteal Tissue Angiogenesis and Angioregression. <i>Veterinary Research Communications</i> , 2007, 31, 193-196.	0.6	6
81	Laboratory Animal Science: A Resource to Improve the Quality of Science. <i>Veterinary Research Communications</i> , 2007, 31, 43-47.	0.6	19
82	Gelatinases, endonuclease and Vascular Endothelial Growth Factor during development and regression of swine luteal tissue. <i>BMC Developmental Biology</i> , 2006, 6, 58.	2.1	13
83	Evaluation of Matrix Metalloproteinases 2 and 9 Activity in Cerebrospinal Fluid of Dogs with Non-Inflammatory Diseases of the Central Nervous System. <i>Veterinary Research Communications</i> , 2006, 30, 317-319.	0.6	0
84	Induced Metastable Memory in Heat Shock Response. <i>Journal of Biological Physics</i> , 2006, 32, 49-59.	0.7	3
85	Recruited leukocytes and local synthesis account for increased matrix metalloproteinase-9 activity in cerebrospinal fluid of dogs with central nervous system neoplasm. <i>Journal of Neuro-Oncology</i> , 2006, 81, 123-129.	1.4	16
86	DNase I activity in pig MII oocytes: implications in transgenesis. <i>Reproduction</i> , 2006, 131, 461-468.	1.1	6
87	Genetically modified pigs produced with a nonviral episomal vector. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 17672-17677.	3.3	99
88	Prognostic value of serum vascular endothelial growth factor (VEGF) and plasma activity of matrix metalloproteinase (MMP) 2 and 9 in lymphoma-affected dogs. <i>Leukemia Research</i> , 2005, 29, 1263-1269.	0.4	45
89	Multi-transgenic pigs expressing three fluorescent proteins produced with high efficiency by sperm mediated gene transfer. <i>Molecular Reproduction and Development</i> , 2005, 72, 68-76.	1.0	72
90	Heat shock protein 70, heat shock protein 32, and vascular endothelial growth factor production and their effects on lipopolysaccharide-induced apoptosis in porcine aortic endothelial cells. <i>Cell Stress and Chaperones</i> , 2005, 10, 340.	1.2	38

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91	Carbon monoxide pretreatment prevents respiratory derangement and ameliorates hyperacute endotoxic shock in pigs. <i>FASEB Journal</i> , 2005, 19, 2045-2047.	0.2	102
92	Exposure to Human Blood Inactivates Swine Endothelial Ecto-5'-Nucleotidase. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005, 24, 271-274.	0.4	4
93	Loss of ecto-5'-nucleotidase from porcine endothelial cells after exposure to human blood: Implications for xenotransplantation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005, 1741, 191-198.	1.8	28
94	Fasting influences steroidogenesis, vascular endothelial growth factor (VEGF) levels and mRNAs expression for VEGF, VEGF receptor type 2 (VEGFR-2), endothelin-1 (ET-1), endothelin receptor type A (ET-A) and endothelin converting enzyme-1 (ECE-1) in newly formed pig corpora lutea. <i>Domestic Animal Endocrinology</i> , 2005, 28, 272-284.	0.8	5
95	Laparoscopic insemination technique with low numbers of spermatozoa in superovulated prepuberal gilts for biotechnological application. <i>Theriogenology</i> , 2005, 63, 806-817.	0.9	25
96	Expression of endothelin-1 system in a pig model of endotoxic shock. <i>Regulatory Peptides</i> , 2005, 131, 89-96.	1.9	41
97	Carbon monoxide improves cardiac energetics and safeguards the heart during reperfusion after cardiopulmonary bypass in pigs. <i>FASEB Journal</i> , 2004, 18, 1093-1095.	0.2	108
98	Inhaled Carbon Monoxide (CO) Prevents Lung Oedema Induced by Endotoxic Shock. <i>Veterinary Research Communications</i> , 2004, 28, 209-212.	0.6	5
99	Expression of HSP70/HSC70 in swine blastocysts: Effects of oxidative and thermal stress. <i>Molecular Reproduction and Development</i> , 2004, 69, 303-307.	1.0	30
100	Alteration of Constitutive Heat Shock Protein 70 (HSC70) Production by in vitro Culture of Porcine Preimplanted Embryos. <i>Veterinary Research Communications</i> , 2003, 27, 575-578.	0.6	5
101	Endonuclease Activity in Swine Ovarian Cysts. <i>Veterinary Research Communications</i> , 2003, 27, 635-637.	0.6	1
102	Sperm mediated gene transfer in pig: Selection of donor boars and optimization of DNA uptake. <i>Molecular Reproduction and Development</i> , 2003, 64, 284-291.	1.0	87
103	Opposite regulation of clusterin and LH receptor in the swine corpus luteum during luteolysis. <i>Reproduction, Nutrition, Development</i> , 2003, 43, 517-525.	1.9	10
104	Efficient production by sperm-mediated gene transfer of human decay accelerating factor (hDAF) transgenic pigs for xenotransplantation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 14230-14235.	3.3	162
105	Vascular Endothelial Growth Factor Production in Growing Pig Antral Follicles ¹ . <i>Biology of Reproduction</i> , 2000, 63, 858-864.	1.2	157
106	hDAF expression in hearts of transgenic pigs obtained by sperm-mediated gene transfer. <i>Transplantation Proceedings</i> , 2000, 32, 895-896.	0.3	9
107	Human decay accelerating factor transgenic pigs for xenotransplantation obtained by sperm-mediated gene transfer. <i>Transplantation Proceedings</i> , 1999, 31, 972-974.	0.3	28
108	Sperm-mediated gene transfer: Production of pigs transgenic for a human regulator of complement activation. <i>Transplantation Proceedings</i> , 1997, 29, 3508-3509.	0.3	58

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109	In situ detection of apoptosis in regressing corpus luteum of pregnant sow: Evidence of an early presence of DNA fragmentation. Domestic Animal Endocrinology, 1996, 13, 361-372.	0.8	69
110	Use of the polymerase chain reaction to clone the potato leafroll virus coat protein gene directly from the total RNA of infected plants. Potato Research, 1995, 38, 211-218.	1.2	3