

Fausto Cremonesi

List of Publications by Year in descending order

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83
papers

1,913
citations

236612

25
h-index

288905

40
g-index

83
all docs

83
docs citations

83
times ranked

1956
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation, proliferation, cytogenetic, and molecular characterization and in vitro differentiation potency of canine stem cells from foetal adnexa: A comparative study of amniotic fluid, amnion, and umbilical cord matrix. <i>Molecular Reproduction and Development</i> , 2011, 78, 361-373.	1.0	98
2	Characterization and potential applications of progenitor-like cells isolated from horse amniotic membrane. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2012, 6, 622-635.	1.3	92
3	Effects of Fusarium mycotoxins on steroid production by porcine granulosa cells. <i>Animal Reproduction Science</i> , 2008, 107, 115-130.	0.5	84
4	Conditioned Medium from Horse Amniotic Membrane-Derived Multipotent Progenitor Cells: Immunomodulatory Activity In Vitro and First Clinical Application in Tendon and Ligament Injuries In Vivo. <i>Stem Cells and Development</i> , 2013, 22, 3015-3024.	1.1	76
5	Comparison of equine bone marrow-, umbilical cord matrix and amniotic fluid-derived progenitor cells. <i>Veterinary Research Communications</i> , 2011, 35, 103-121.	0.6	73
6	Investigating the efficacy of amnion-derived compared with bone marrow-derived mesenchymal stromal cells in equine tendon and ligament injuries. <i>Cytherapy</i> , 2013, 15, 1011-1020.	0.3	68
7	Mesenchymal stem cells from amnion and amniotic fluid in the bovine. <i>Reproduction</i> , 2013, 145, 391-400.	1.1	68
8	Seroprevalence of feline immunodeficiency virus, feline leukaemia virus and <i>Toxoplasma gondii</i> in stray cat colonies in northern Italy and correlation with clinical and laboratory data. <i>Journal of Feline Medicine and Surgery</i> , 2012, 14, 369-377.	0.6	59
9	Effects of platelet-rich plasma in a model of bovine endometrial inflammation in vitro. <i>Reproductive Biology and Endocrinology</i> , 2016, 14, 58.	1.4	57
10	Oviductal microvesicles and their effect on in vitro maturation of canine oocytes. <i>Reproduction</i> , 2017, 154, 167-180.	1.1	56
11	Fetal adnexa derived stem cells from domestic animal: progress and perspectives. <i>Theriogenology</i> , 2011, 75, 1400-1415.	0.9	55
12	Evaluation of newborn canine viability by means of umbilical vein lactate measurement, apgar score and uterine tocodynamometry. <i>Theriogenology</i> , 2010, 74, 1187-1196.	0.9	54
13	Effects of a trichothecene, T-2 toxin, on proliferation and steroid production by porcine granulosa cells. <i>Toxicon</i> , 2009, 54, 337-344.	0.8	47
14	Size-sieved subpopulations of mesenchymal stem cells from intervascular and perivascular equine umbilical cord matrix. <i>Cell Proliferation</i> , 2011, 44, 330-342.	2.4	46
15	Equine Amniotic Microvesicles and Their Anti-Inflammatory Potential in a Tenocyte Model In Vitro. <i>Stem Cells and Development</i> , 2016, 25, 610-621.	1.1	46
16	Endometrial cytology and computerized morphometric analysis of epithelial nuclei: A useful tool for reproductive diagnosis in the bitch. <i>Theriogenology</i> , 2010, 73, 927-941.	0.9	43
17	Microvesicles secreted from equine amniotic-derived cells and their potential role in reducing inflammation in endometrial cells in an in-vitro model. <i>Stem Cell Research and Therapy</i> , 2016, 7, 169.	2.4	43
18	Isolation, in vitro culture and characterization of foal umbilical cord stem cells at birth. <i>Veterinary Research Communications</i> , 2008, 32, 139-142.	0.6	42

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19	Characteristics of equine mesenchymal stem cells derived from amnion and bone marrow: <i>In vitro</i> proliferative and multilineage potential assessment. <i>Equine Veterinary Journal</i> , 2013, 45, 737-744.	0.9	42
20	Amniotic Membrane-Derived Mesenchymal Cells and Their Conditioned Media: Potential Candidates for Uterine Regenerative Therapy in the Horse. <i>PLoS ONE</i> , 2014, 9, e111324.	1.1	41
21	Microarray analysis of insulin-like growth factor-I-induced changes in messenger ribonucleic acid expression in cultured porcine granulosa cells: Possible role of insulin-like growth factor-I in angiogenesis ^{1,2} . <i>Journal of Animal Science</i> , 2009, 87, 1921-1933.	0.2	37
22	Molecular characterization and <i>in vitro</i> differentiation of feline progenitor-like amniotic epithelial cells. <i>Stem Cell Research and Therapy</i> , 2013, 4, 133.	2.4	37
23	A collaboration of aquaporins handles water transport in relation to the estrous cycle in the bitch uterus. <i>Theriogenology</i> , 2009, 72, 310-321.	0.9	31
24	Effects of leptin on <i>in vitro</i> maturation, fertilization and embryonic cleavage after ICSI and early developmental expression of leptin (Ob) and leptin receptor (ObR) proteins in the horse. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 113.	1.4	28
25	Platelet concentrate in bovine reproduction: effects on <i>in vitro</i> embryo production and after intrauterine administration in repeat breeder cows. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 65.	1.4	26
26	Intramammary administration of platelet concentrate as an unconventional therapy in bovine mastitis: First clinical application. <i>Journal of Dairy Science</i> , 2014, 97, 6223-6230.	1.4	24
27	MicroRNAs of Equine Amniotic Mesenchymal Cell-derived Microvesicles and Their Involvement in Anti-inflammatory Processes. <i>Cell Transplantation</i> , 2018, 27, 45-54.	1.2	23
28	Tenogenic Differentiation of Equine Mesenchymal Progenitor Cells under Indirect Co-Culture. <i>International Journal of Artificial Organs</i> , 2012, 35, 996-1005.	0.7	22
29	Mutations in the <i>RSPO1</i> Coding Region Are Not the Main Cause of Canine <i>SRY</i> -Negative XX Sex Reversal in Several Breeds. <i>Sexual Development</i> , 2008, 2, 84-95.	1.1	21
30	Tenogenic differentiation of equine mesenchymal progenitor cells under indirect co-culture. <i>International Journal of Artificial Organs</i> , 2012, 35, 996-1005.	0.7	21
31	Improved method to induce superovulation in cattle using Human Menopausal Gonadotropin (HMG). <i>Theriogenology</i> , 1982, 18, 357-364.	0.9	19
32	Boar semen controlled-delivery system: morphological investigation and <i>in vitro</i> fertilization test. <i>Reproduction, Fertility and Development</i> , 2002, 14, 307.	0.1	18
33	Immunohistochemical study of the pre- and postnatal innervation of the dog lower urinary tract: morphological aspects at the basis of the consolidation of the micturition reflex. <i>Veterinary Research Communications</i> , 2008, 32, 291-304.	0.6	18
34	Morphometric characteristics and chromatin integrity of spermatozoa in three Italian dog breeds. <i>Journal of Small Animal Practice</i> , 2010, 51, 624-627.	0.5	18
35	Expression of aquaporin water channels in canine fetal adnexa in respect to the regulation of amniotic fluid production and absorption. <i>Placenta</i> , 2012, 33, 502-510.	0.7	18
36	An insight into testis and gubernaculum dynamics of INSL3 - RXFP2 signalling during testicular descent in the dog. <i>Reproduction, Fertility and Development</i> , 2010, 22, 751.	0.1	17

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37	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.	1.1	17
38	Morphological evaluation of the placenta and fetal membranes during canine pregnancy from early implantation to term. <i>Research in Veterinary Science</i> , 2013, 95, 15-22.	0.9	16
39	Circadian and circannual plasma secretory patterns of growth hormone and prolactin in fresian heifers: hormonal profiles and signal analysis. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1994, 107, 313-321.	0.7	15
40	Insights into animal models for cell-based therapies in translational studies of lung diseases: Is the horse with naturally occurring asthma the right choice?. <i>Cytotherapy</i> , 2019, 21, 525-534.	0.3	15
41	Quantitative cytochemical study of some enzymatic activities in preovulatory bovine oocytes after in vitro maturation. <i>Acta Histochemica</i> , 1993, 95, 89-96.	0.9	14
42	Endocrine-Paracrine Cells of the Male Urogenital Apparatus: a Comparative Histochemical and Immunohistochemical Study in some Domestic Ungulates. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2004, 33, 225-232.	0.3	14
43	Platelet Rich Plasma for Regenerative Medicine Treatment of Bovine Ovarian Hypofunction. <i>Frontiers in Veterinary Science</i> , 2020, 7, 517.	0.9	14
44	Equine bone marrow mesenchymal or amniotic epithelial stem cells as feeder in a model for the in vitro culture of bovine embryos. <i>Zygote</i> , 2012, 20, 45-51.	0.5	13
45	Antimicrobial Effects of Conditioned Medium From Amniotic Progenitor Cells in vitro and in vivo: Toward Tissue Regenerative Therapies for Bovine Mastitis. <i>Frontiers in Veterinary Science</i> , 2019, 6, 443.	0.9	13
46	In Vitro Studies of Horse Umbilical Cord Matrix-Derived Cells: From Characterization to Labeling for Magnetic Resonance Imaging. <i>The Open Tissue Engineering and Regenerative Medicine Journal</i> , 2011, 4, 120-133.	2.6	13
47	Growth hormone but not prolactin concentrations in the fluid of bovine ovarian cysts are related to the cystic stage of luteinization. <i>Theriogenology</i> , 1996, 46, 481-489.	0.9	12
48	Transient Transfection of Porcine Granulosa Cells after 3D Culture in Barium Alginate Capsules. <i>International Journal of Immunopathology and Pharmacology</i> , 2005, 18, 677-681.	1.0	12
49	A New Centric Fusion Translocation in Cattle: Rob (13;19). <i>Hereditas</i> , 2004, 129, 177-180.	0.5	11
50	Cell Surface Glycan Changes in the Spontaneous Epithelial-Mesenchymal Transition of Equine Amniotic Multipotent Progenitor Cells. <i>Cells Tissues Organs</i> , 2014, 200, 212-226.	1.3	11
51	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.	2.4	10
52	Case Report: Use of Amniotic Microvesicles for Regenerative Medicine Treatment of a Mare With Chronic Endometritis. <i>Frontiers in Veterinary Science</i> , 2020, 7, 347.	0.9	10
53	Improvement of Embryo Recovery in Holstein Cows Treated by Intra-Ovarian Platelet Rich Plasma before Superovulation. <i>Veterinary Sciences</i> , 2020, 7, 16.	0.6	10
54	Peculiarity of Porcine Amniotic Membrane and Its Derived Cells: A Contribution to the Study of Cell Therapy from a Large Animal Model. <i>Cellular Reprogramming</i> , 2015, 17, 472-483.	0.5	9

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55	Follicular fluid leptin concentrations and expression of leptin and leptin receptor in the equine ovary and in vitro-matured oocyte with reference to pubertal development and breeds. <i>Reproduction, Fertility and Development</i> , 2013, 25, 837.	0.1	8
56	Leptin and leptin receptor are detectable in equine spermatozoa but are not involved in in vitro fertilisation. <i>Reproduction, Fertility and Development</i> , 2016, 28, 574.	0.1	8
57	Aquaporin water channels in the canine gubernaculum testis. <i>Acta Histochemica</i> , 2013, 115, 541-548.	0.9	7
58	Cytophotometric assay of cytochrome oxidase, lactate dehydrogenase and glucose-6-phosphate dehydrogenase activities in human peroxidized spermatozoa. <i>Acta Histochemica</i> , 1992, 93, 363-370.	0.9	6
59	Fertility of cryopreserved sperm in three bulls with different Robertsonian translocations. <i>Animal Reproduction Science</i> , 2005, 86, 27-36.	0.5	6
60	Different Culture Times Affect MicroRNA Cargo in Equine Amniotic Mesenchymal Cells and Their Microvesicles. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 596-604.	1.1	6
61	Evaluation of α -Glucosidase Activity in Dog Semen and its Use in Fertility Diagnosis. <i>Veterinary Research Communications</i> , 2003, 27, 587-589.	0.6	5
62	Results of a Single Transcervical Endoscopic Insemination Using Frozen Semen in the Bitch. <i>Veterinary Research Communications</i> , 2005, 29, 187-189.	0.6	5
63	Characterization of a Population of Unique Granular Lymphocytes in a Bitch Decidua, Using a Panel of Histo- and Immunohistochemical Markers. <i>Veterinary Pathology</i> , 2007, 44, 521-524.	0.8	5
64	Time Course of <i>In Vitro</i> Maturation of Compact Cumulus Horse Oocytes after Roscovitine-Induced Meiotic Inhibition: Effects on the Coordination Between Nuclear and Cytoplasmic Maturation. <i>Reproduction in Domestic Animals</i> , 2010, 45, e313-22.	0.6	5
65	Identification of C-Kit-Positive Interstitial Cells in the Dog Lower Urinary Tract and Relationship with Smooth Muscle and Nerves. Hypotheses for a Likely Pacemaker Role.. <i>Veterinary Medicine International</i> , 2010, 2010, 1-7.	0.6	5
66	A novel monoclonal antibody-based enzyme-linked immunosorbent assay to determine luteinizing hormone in bovine plasma. <i>Domestic Animal Endocrinology</i> , 2014, 48, 145-157.	0.8	5
67	Isolation, molecular characterization, and <i>in vitro</i> differentiation of bovine Wharton jelly-derived multipotent mesenchymal cells. <i>Theriogenology</i> , 2017, 89, 338-347.	0.9	5
68	Amniotic microvesicles impact hatching and pregnancy percentages of in vitro bovine embryos and blastocyst microRNA expression versus in vivo controls. <i>Scientific Reports</i> , 2020, 10, 501.	1.6	5
69	Application of Perinatal Derivatives in Ovarian Diseases. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 811875.	2.0	5
70	Superovulation of dairy and beef cows using porcine FSH with defined LH content. <i>Theriogenology</i> , 1983, 20, 675-682.	0.9	4
71	Expression profile of saccharide epitope CaMBr1 in normal and neoplastic tissue from dogs, cats, and rats: implication for the development of human-derived cancer vaccines. <i>The Histochemical Journal</i> , 1999, 31, 729-737.	0.6	4
72	Glycan Profiling Analysis of Equine Amniotic Progenitor Mesenchymal Cells and Their Derived Extracellular Microvesicles. <i>Stem Cells and Development</i> , 2019, 28, 812-821.	1.1	4

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73	Microdensitometric assay of enzymatic activities in parthenogenetically activated and in vitro fertilized bovine oocytes. <i>Acta Histochemica</i> , 2002, 104, 193-198.	0.9	3
74	Acute follicular response to FSH in heifers downregulated long term with a GnRH agonist and with suppressed ovarian follicular growth. <i>Theriogenology</i> , 2013, 80, 999-1005.	0.9	3
75	The ghrelin paradox in the control of equine chondrocyte function: The good and the bad. <i>Peptides</i> , 2018, 103, 1-9.	1.2	3
76	Immunolocalization of INSL3 in dog foetal Leydig cells and the LGR8 receptor in the gubernaculum testis. <i>Veterinary Research Communications</i> , 2009, 33, 67-71.	0.6	2
77	Reconstruction of calf oocytes by germinal vesicle transfer in mature bovine oocytes: preliminary results. <i>Veterinary Research Communications</i> , 2009, 33, 89-92.	0.6	2
78	Does the Bovine Pre-Ovulatory Follicle Harbor Progenitor Stem Cells?. <i>Cellular Reprogramming</i> , 2016, 18, 116-126.	0.5	2
79	Effects of deep freezing on the energy metabolism of bovine spermatozoa during in vitro capacitation: A cytochemical approach. <i>Theriogenology</i> , 1988, 30, 563-573.	0.9	1
80	Efficacy of Tuohy Needle in Oocytes Collection from Excised Mare Ovaries. <i>Veterinary Medicine International</i> , 2010, 2010, 1-4.	0.6	1
81	Physiological Parameters to Identify Suitable Blood Donor Cows for Preparation of Platelet Rich Plasma. <i>Animals</i> , 2021, 11, 2296.	1.0	1
82	Microphotometric measurement of some enzymatic activities in rabbit spermatozoa during epididymal maturation. <i>Animal Reproduction Science</i> , 1987, 13, 211-220.	0.5	0
83	Fetal Adnexa-Derived Stem Cells Application in Horse Model of Tendon Disease. <i>Pancreatic Islet Biology</i> , 2014, , 69-105.	0.1	0