

# Fausto Cremonesi

## List of Publications by Year in descending order

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83  
papers

1,913  
citations

236925  
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289244  
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83  
all docs

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docs citations

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times ranked

1956  
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#	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.	2.0	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.	2.7	92
3	Effects of Fusarium mycotoxins on steroid production by porcine granulosa cells. <i>Animal Reproduction Science</i> , 2008, 107, 115-130.	1.5	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.	2.1	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.	1.6	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.	0.7	68
7	Mesenchymal stem cells from amnion and amniotic fluid in the bovine. <i>Reproduction</i> , 2013, 145, 391-400.	2.6	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.	1.6	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.	3.3	57
10	Oviductal microvesicles and their effect on in vitro maturation of canine oocytes. <i>Reproduction</i> , 2017, 154, 167-180.	2.6	56
11	Fetal adnexa derived stem cells from domestic animal: progress and perspectives. <i>Theriogenology</i> , 2011, 75, 1400-1415.	2.1	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.	2.1	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.	1.6	47
14	Size-sieved subpopulations of mesenchymal stem cells from intervacular and perivascular equine umbilical cord matrix. <i>Cell Proliferation</i> , 2011, 44, 330-342.	5.3	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.	2.1	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.	2.1	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.	5.5	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.	1.6	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. Equine Veterinary Journal, 2013, 45, 737-744.	1.7	42
20	Amniotic Membrane-Derived Mesenchymal Cells and Their Conditioned Media: Potential Candidates for Uterine Regenerative Therapy in the Horse. PLoS ONE, 2014, 9, e111324.	2.5	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 <sup>1,2</sup> . Journal of Animal Science, 2009, 87, 1921-1933.	0.5	37
22	Molecular characterization and <i>in vitro</i> differentiation of feline progenitor-like amniotic epithelial cells. Stem Cell Research and Therapy, 2013, 4, 133.	5.5	37
23	A collaboration of aquaporins handles water transport in relation to the estrous cycle in the bitch uterus. Theriogenology, 2009, 72, 310-321.	2.1	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. Reproductive Biology and Endocrinology, 2009, 7, 113.	3.3	28
25	Platelet concentrate in bovine reproduction: effects on <i>in vitro</i> embryo production and after intrauterine administration in repeat breeder cows. Reproductive Biology and Endocrinology, 2015, 13, 65.	3.3	26
26	Intramammary administration of platelet concentrate as an unconventional therapy in bovine mastitis: First clinical application. Journal of Dairy Science, 2014, 97, 6223-6230.	3.4	24
27	MicroRNAs of Equine Amniotic Mesenchymal Cell-derived Microvesicles and Their Involvement in Anti-inflammatory Processes. Cell Transplantation, 2018, 27, 45-54.	2.5	23
28	Tenogenic Differentiation of Equine Mesenchymal Progenitor Cells under Indirect Co-Culture. International Journal of Artificial Organs, 2012, 35, 996-1005.	1.4	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. Sexual Development, 2008, 2, 84-95.	2.0	21
30	Tenogenic differentiation of equine mesenchymal progenitor cells under indirect co-culture. International Journal of Artificial Organs, 2012, 35, 996-1005.	1.4	21
31	Improved method to induce superovulation in cattle using Human Menopausal Gonadotropin (HMG). Theriogenology, 1982, 18, 357-364.	2.1	19
32	Boar semen controlled-delivery system: morphological investigation and <i>in vitro</i> fertilization test. Reproduction, Fertility and Development, 2002, 14, 307.	0.4	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. Veterinary Research Communications, 2008, 32, 291-304.	1.6	18
34	Morphometric characteristics and chromatin integrity of spermatozoa in three Italian dog breeds. Journal of Small Animal Practice, 2010, 51, 624-627.	1.2	18
35	Expression of aquaporin water channels in canine fetal adnexa in respect to the regulation of amniotic fluid production and absorption. Placenta, 2012, 33, 502-510.	1.5	18
36	An insight into testis and gubernaculum dynamics of INSL3 - RXFP2 signalling during testicular descent in the dog. Reproduction, Fertility and Development, 2010, 22, 751.	0.4	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.	2.5	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.	1.9	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.	0.6	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.	0.7	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.	1.8	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.	0.7	14
43	Platelet Rich Plasma for Regenerative Medicine Treatment of Bovine Ovarian Hypofunction. <i>Frontiers in Veterinary Science</i> , 2020, 7, 517.	2.2	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.	1.1	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.	2.2	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.	2.1	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.	2.1	12
49	A New Centric Fusion Translocation in Cattle: Rob (13;19). <i>Hereditas</i> , 2004, 129, 177-180.	1.4	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.	2.3	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.	5.5	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.	2.2	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.	1.7	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.	0.9	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.	0.4	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.	0.4	8
57	Aquaporin water channels in the canine gubernaculum testis. <i>Acta Histochemica</i> , 2013, 115, 541-548.	1.8	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.	1.8	6
59	Fertility of cryopreserved sperm in three bulls with different Robertsonian translocations. <i>Animal Reproduction Science</i> , 2005, 86, 27-36.	1.5	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.	2.1	6
61	Evaluation of $\alpha$ -Glucosidase Activity in Dog Semen and its Use in Fertility Diagnosis. <i>Veterinary Research Communications</i> , 2003, 27, 587-589.	1.6	5
62	Results of a Single Transcervical Endoscopic Insemination Using Frozen Semen in the Bitch. <i>Veterinary Research Communications</i> , 2005, 29, 187-189.	1.6	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.	1.7	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.	1.4	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.	1.5	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.	1.6	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.	2.1	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.	3.3	5
69	Application of Perinatal Derivatives in Ovarian Diseases. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 811875.	4.1	5
70	Superovulation of dairy and beef cows using porcine FSH with defined LH content. <i>Theriogenology</i> , 1983, 20, 675-682.	2.1	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.	2.1	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.	1.8	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.	2.1	3
75	The ghrelin paradox in the control of equine chondrocyte function: The good and the bad. <i>Peptides</i> , 2018, 103, 1-9.	2.4	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.	1.6	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.	1.6	2
78	Does the Bovine Pre-Ovulatory Follicle Harbor Progenitor Stem Cells?. <i>Cellular Reprogramming</i> , 2016, 18, 116-126.	0.9	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.	2.1	1
80	Efficacy of Tuohy Needle in Oocytes Collection from Excised Mare Ovaries. <i>Veterinary Medicine International</i> , 2010, 2010, 1-4.	1.5	1
81	Physiological Parameters to Identify Suitable Blood Donor Cows for Preparation of Platelet Rich Plasma. <i>Animals</i> , 2021, 11, 2296.	2.3	1
82	Microphotometric measurement of some enzymatic activities in rabbit spermatozoa during epididymal maturation. <i>Animal Reproduction Science</i> , 1987, 13, 211-220.	1.5	0
83	Fetal Adnexa-Derived Stem Cells Application in Horse Model of Tendon Disease. <i>Pancreatic Islet Biology</i> , 2014, , 69-105.	0.3	0