

Jean M Feugang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55
papers

1,317
citations

19
h-index

35
g-index

64
ext. papers

1,481
ext. citations

3.5
avg, IF

4.22
L-index

#	Paper	IF	Citations
55	Comparative Analysis of Porcine Follicular Fluid Proteomes of Small and Large Ovarian Follicles. <i>Biology</i> , 2020 , 9,	4.9	2
54	The subtle balance of insulin and thyroxine on survival and development of in vitro cultured caprine preantral follicles enclosed in ovarian tissue. <i>Theriogenology</i> , 2020 , 147, 10-17	2.8	1
53	Aerosol Delivery of Synthetic mRNA to Vaginal Mucosa Leads to Durable Expression of Broadly Neutralizing Antibodies against HIV. <i>Molecular Therapy</i> , 2020 , 28, 805-819	11.7	17
52	High-throughput sperm assay using label-free microscopy: morphometric comparison between different sperm structures of boar and stallion spermatozoa. <i>Animal Reproduction Science</i> , 2020 , 219, 106509	2.1	3
51	Deficiency in proliferative, angiogenic, and LH receptors in the follicle wall: implications of season toward the anovulatory condition. <i>Domestic Animal Endocrinology</i> , 2020 , 70, 106382	2.3	1
50	Transition to the ovulatory season in mares: An investigation of antral follicle receptor gene expression in vivo. <i>Molecular Reproduction and Development</i> , 2019 , 86, 1832-1845	2.6	1
49	Treatment of boar sperm with nanoparticles for improved fertility. <i>Theriogenology</i> , 2019 , 137, 75-81	2.8	13
48	Seasonal variation in equine follicular fluid proteome. <i>Reproductive Biology and Endocrinology</i> , 2019 , 17, 29	5	13
47	Effects of dietary supplementation of l-methionine vs. dl-methionine on performance, plasma concentrations of free amino acids and other metabolites, and myogenesis gene expression in young growing pigs. <i>Translational Animal Science</i> , 2019 , 3, 329-339	1.4	7
46	A Nutrigenomics Approach Using RNA Sequencing Technology to Study Nutrient-Gene Interactions in Agricultural Animals. <i>Current Developments in Nutrition</i> , 2019 , 3, nzz082	0.4	5
45	Nanotechnology-based approach for safer enrichment of semen with best spermatozoa. <i>Journal of Animal Science and Biotechnology</i> , 2019 , 10, 14	6	26
44	Silver-coated magnetic nanocomposites induce growth inhibition and protein changes in foodborne bacteria. <i>Scientific Reports</i> , 2019 , 9, 17499	4.9	11
43	Proteome changes of porcine follicular fluid during follicle development. <i>Journal of Animal Science and Biotechnology</i> , 2019 , 10, 94	6	8
42	Effect of cryopreservation techniques on proliferation and apoptosis of cultured equine ovarian tissue. <i>Theriogenology</i> , 2019 , 126, 88-94	2.8	4
41	Cryopreservation and in vitro culture of white-tailed deer ovarian tissue. <i>Theriogenology</i> , 2018 , 113, 253-260	2.8	5
40	In vivo antral follicle wall biopsy: a new research technique to study ovarian function at the cellular and molecular levels. <i>Reproductive Biology and Endocrinology</i> , 2018 , 16, 71	5	5
39	Proteomic analysis of antimicrobial effects of pegylated silver coated carbon nanotubes in <i>Salmonella enterica</i> serovar Typhimurium. <i>Journal of Nanobiotechnology</i> , 2018 , 16, 31	9.4	10

38	In-depth proteomic analysis of boar spermatozoa through shotgun and gel-based methods. <i>BMC Genomics</i> , 2018 , 19, 62	4.5	21
37	Real-Time Bioluminescence Analysis of Escherichia coli O157:H7 Survival on Livestock Meats Stored Fresh, Cold, or Frozen. <i>Journal of Food Protection</i> , 2018 , 81, 1906-1912	2.5	3
36	Applications of Fluorescent Quantum Dots for Reproductive Medicine and Disease Detection 2018 ,		5
35	Ovarian fragment sizes affect viability and morphology of preantral follicles during storage at 4°C. <i>Reproduction</i> , 2017 , 153, 577-587	3.8	16
34	Novel agents for sperm purification, sorting, and imaging. <i>Molecular Reproduction and Development</i> , 2017 , 84, 832-841	2.6	22
33	Effects of FSH addition to an enriched medium containing insulin and EGF after long-term culture on functionality of equine ovarian biopsy tissue. <i>Theriogenology</i> , 2017 , 99, 124-133	2.8	10
32	Equine ovarian tissue viability after cryopreservation and in vitro culture. <i>Theriogenology</i> , 2017 , 97, 139-147	1.47	14
31	Nanotechnology-based selection of boar spermatozoa: growth development and health assessments of produced offspring. <i>Livestock Science</i> , 2017 , 205, 137-142	1.7	10
30	Ovarian features in white-tailed deer (<i>Odocoileus virginianus</i>) fawns and does. <i>PLoS ONE</i> , 2017 , 12, e0177357	3.57	5
29	A Systems Biology Approach Using Transcriptomic Data Reveals Genes and Pathways in Porcine Skeletal Muscle Affected by Dietary Lysine. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	8
28	Bioluminescent magnetic nanoparticles as potential imaging agents for mammalian spermatozoa. <i>Journal of Nanobiotechnology</i> , 2016 , 14, 20	9.4	20
27	Profiling of relaxin and its receptor proteins in boar reproductive tissues and spermatozoa. <i>Reproductive Biology and Endocrinology</i> , 2015 , 13, 46	5	12
26	Beneficial effects of relaxin on motility characteristics of stored boar spermatozoa. <i>Reproductive Biology and Endocrinology</i> , 2015 , 13, 24	5	12
25	The use of skimmed dried milk as an alternative diluent for the cooling step during the boar semen freezing procedure. <i>Semina: Ciencias Agrarias</i> , 2015 , 36, 2023	0.6	1
24	Self-illuminating quantum dots for non-invasive bioluminescence imaging of mammalian gametes. <i>Journal of Nanobiotechnology</i> , 2015 , 13, 38	9.4	32
23	The use of a whole animal biophotonic model as a screen for the angiogenic potential of estrogenic compounds. <i>International Journal of Medical Sciences</i> , 2014 , 11, 545-53	3.7	1
22	L-Arginine enhances cell proliferation and reduces apoptosis in human endometrial RL95-2 cells. <i>Reproductive Biology and Endocrinology</i> , 2013 , 11, 15	5	32
21	Application of quantum dot nanoparticles for potential non-invasive bio-imaging of mammalian spermatozoa. <i>Journal of Nanobiotechnology</i> , 2012 , 10, 45	9.4	44

20	Dietary L-arginine supplementation during gestation in mice enhances reproductive performance and Vegfr2 transcription activity in the fetoplacental unit. <i>Journal of Nutrition</i> , 2012 , 142, 456-60	4.1	16
19	A comparative biomechanical analysis of term fetal membranes in human and domestic species. <i>American Journal of Obstetrics and Gynecology</i> , 2011 , 204, 365.e25-36	6.4	8
18	Examination of relaxin and its receptors expression in pig gametes and embryos. <i>Reproductive Biology and Endocrinology</i> , 2011 , 9, 10	5	21
17	In vitro effects of relaxin on gene expression in porcine cumulus-oocyte complexes and developing embryos. <i>Reproductive Biology and Endocrinology</i> , 2011 , 9, 15	5	15
16	In vivo monitoring of fetoplacental Vegfr2 gene activity in a murine pregnancy model using a Vegfr2-luc reporter gene and bioluminescent imaging. <i>Reproductive Biology and Endocrinology</i> , 2011 , 9, 51	5	9
15	185 HIGH-THROUGHPUT PROTEOMIC ASSESSMENT OF FROZEN - THAWED BOAR SPERMATOZOA. <i>Reproduction, Fertility and Development</i> , 2011 , 23, 194	1.8	2
14	Transcriptome analysis of bull spermatozoa: implications for male fertility. <i>Reproductive BioMedicine Online</i> , 2010 , 21, 312-24	4	81
13	Cactus pear extracts induce reactive oxygen species production and apoptosis in ovarian cancer cells. <i>Nutrition and Cancer</i> , 2010 , 62, 692-9	2.8	22
12	Green tea compound in chemoprevention of cervical cancer. <i>International Journal of Gynecological Cancer</i> , 2010 , 20, 617-24	3.5	40
11	Two-stage genome-wide association study identifies integrin beta 5 as having potential role in bull fertility. <i>BMC Genomics</i> , 2009 , 10, 176	4.5	55
10	Culture systems for bovine embryos. <i>Livestock Science</i> , 2009 , 121, 141-149	1.7	16
9	Effects of ovum pick-up frequency and FSH stimulation: a retrospective study on seven years of beef cattle in vitro embryo production. <i>Reproduction in Domestic Animals</i> , 2008 , 43, 239-45	1.6	35
8	Comprehensive proteomic analysis of bovine spermatozoa of varying fertility rates and identification of biomarkers associated with fertility. <i>BMC Systems Biology</i> , 2008 , 2, 19	3.5	183
7	Comparing the effect of ATRA, 4-HPR, and CD437 in bladder cancer cells. <i>Frontiers in Bioscience - Landmark</i> , 2006 , 11, 2007-16	2.8	11
6	Cactus pear: a natural product in cancer chemoprevention. <i>Nutrition Journal</i> , 2005 , 4, 25	4.3	122
5	Addition of beta-mercaptoethanol or Trolox at the morula/blastocyst stage improves the quality of bovine blastocysts and prevents induction of apoptosis and degeneration by prooxidant agents. <i>Theriogenology</i> , 2004 , 61, 71-90	2.8	61
4	Effect of prooxidant agents added at the morula/blastocyst stage on bovine embryo development, cell death and glutathione content. <i>Zygote</i> , 2003 , 11, 107-18	1.6	21
3	Impact of adding 5.5 mM glucose to SOF medium on the development, metabolism and quality of in vitro produced bovine embryos from the morula to the blastocyst stage. <i>Zygote</i> , 2002 , 10, 189-99	1.6	16

2	Expression of Cu/Zn and Mn superoxide dismutases during bovine embryo development: influence of in vitro culture. <i>Molecular Reproduction and Development</i> , 2001 , 58, 45-53	2.6	58
1	Meiotic and developmental competence of prepubertal and adult swine oocytes. <i>Theriogenology</i> , 2001 , 56, 17-29	2.8	123