

Jean M Feugang

List of Publications by Citations

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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	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
54	Meiotic and developmental competence of prepubertal and adult swine oocytes. <i>Theriogenology</i> , 2001 , 56, 17-29	2.8	123
53	Cactus pear: a natural product in cancer chemoprevention. <i>Nutrition Journal</i> , 2005 , 4, 25	4.3	122
52	Transcriptome analysis of bull spermatozoa: implications for male fertility. <i>Reproductive BioMedicine Online</i> , 2010 , 21, 312-24	4	81
51	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
50	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
49	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
48	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
47	Green tea compound in chemoprevention of cervical cancer. <i>International Journal of Gynecological Cancer</i> , 2010 , 20, 617-24	3.5	40
46	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
45	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
44	Self-illuminating quantum dots for non-invasive bioluminescence imaging of mammalian gametes. <i>Journal of Nanobiotechnology</i> , 2015 , 13, 38	9.4	32
43	Nanotechnology-based approach for safer enrichment of semen with best spermatozoa. <i>Journal of Animal Science and Biotechnology</i> , 2019 , 10, 14	6	26
42	Novel agents for sperm purification, sorting, and imaging. <i>Molecular Reproduction and Development</i> , 2017 , 84, 832-841	2.6	22
41	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
40	In-depth proteomic analysis of boar spermatozoa through shotgun and gel-based methods. <i>BMC Genomics</i> , 2018 , 19, 62	4.5	21
39	Examination of relaxin and its receptors expression in pig gametes and embryos. <i>Reproductive Biology and Endocrinology</i> , 2011 , 9, 10	5	21

38	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
37	Bioluminescent magnetic nanoparticles as potential imaging agents for mammalian spermatozoa. <i>Journal of Nanobiotechnology</i> , 2016 , 14, 20	9.4	20
36	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
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	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
33	Culture systems for bovine embryos. <i>Livestock Science</i> , 2009 , 121, 141-149	1.7	16
32	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
31	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
30	Equine ovarian tissue viability after cryopreservation and in vitro culture. <i>Theriogenology</i> , 2017 , 97, 139-147	1.7	14
29	Treatment of boar sperm with nanoparticles for improved fertility. <i>Theriogenology</i> , 2019 , 137, 75-81	2.8	13
28	Seasonal variation in equine follicular fluid proteome. <i>Reproductive Biology and Endocrinology</i> , 2019 , 17, 29	5	13
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	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
24	Silver-coated magnetic nanocomposites induce growth inhibition and protein changes in foodborne bacteria. <i>Scientific Reports</i> , 2019 , 9, 17499	4.9	11
23	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
22	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
21	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

20	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
19	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
18	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
17	Proteome changes of porcine follicular fluid during follicle development. <i>Journal of Animal Science and Biotechnology</i> , 2019 , 10, 94	6	8
16	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
15	Ovarian features in white-tailed deer (<i>Odocoileus virginianus</i>) fawns and does. <i>PLoS ONE</i> , 2017 , 12, e0177357	3.7	5
14	Cryopreservation and in vitro culture of white-tailed deer ovarian tissue. <i>Theriogenology</i> , 2018 , 113, 253-260	2.8	5
13	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
12	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
11	Applications of Fluorescent Quantum Dots for Reproductive Medicine and Disease Detection 2018 ,		5
10	Effect of cryopreservation techniques on proliferation and apoptosis of cultured equine ovarian tissue. <i>Theriogenology</i> , 2019 , 126, 88-94	2.8	4
9	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
8	Real-Time Bioluminescence Analysis of <i>Escherichia coli</i> O157:H7 Survival on Livestock Meats Stored Fresh, Cold, or Frozen. <i>Journal of Food Protection</i> , 2018 , 81, 1906-1912	2.5	3
7	Comparative Analysis of Porcine Follicular Fluid Proteomes of Small and Large Ovarian Follicles. <i>Biology</i> , 2020 , 9,	4.9	2
6	185 HIGH-THROUGHPUT PROTEOMIC ASSESSMENT OF FROZEN - THAWED BOAR SPERMATOZOA. <i>Reproduction, Fertility and Development</i> , 2011 , 23, 194	1.8	2
5	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
4	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
3	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

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| 2 | 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 |
| 1 | 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 |