

Jess L Yaniz

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

94
papers

2,477
citations

29
h-index

45
g-index

98
ext. papers

2,757
ext. citations

2.4
avg, IF

4.7
L-index

#	Paper	IF	Citations
94	Role of Antioxidants in Cooled Liquid Storage of Mammal Spermatozoa. <i>Antioxidants</i> , 2021 , 10,	7.1	6
93	Relationship of sperm plasma membrane and acrosomal integrities with sperm morphometry in. <i>Asian Journal of Andrology</i> , 2020 , 22, 578-582	2.8	0
92	Effect of Sperm Concentration and Storage Temperature on Goat Spermatozoa during Liquid Storage. <i>Biology</i> , 2020 , 9,	4.9	6
91	Sperm Quality Assessment in Honey Bee Drones. <i>Biology</i> , 2020 , 9,	4.9	5
90	Expanding the Limits of Computer-Assisted Sperm Analysis through the Development of Open Software. <i>Biology</i> , 2020 , 9,	4.9	2
89	OpenCASA: A new open-source and scalable tool for sperm quality analysis. <i>PLoS Computational Biology</i> , 2019 , 15, e1006691	5	21
88	Effect of chamber characteristics, incubation, and diluent on motility of honey bee (<i>Apis mellifera</i>) drone sperm. <i>Apidologie</i> , 2019 , 50, 472-481	2.3	4
87	Analysis of Factors Affecting the Rearing of Early-Weaned Lambs of Dairy Breeds for the Meat Market. <i>Agronomy</i> , 2019 , 9, 694	3.6	
86	CASA-Mot technology: how results are affected by the frame rate and counting chamber. <i>Reproduction, Fertility and Development</i> , 2018 , 30, 810-819	1.8	29
85	Effect of different oxidative stress degrees generated by hydrogen peroxide on motility and DNA fragmentation of zebrafish (<i>Danio rerio</i>) spermatozoa. <i>Reproduction in Domestic Animals</i> , 2018 , 53, 1498-1505	1.6	4
84	Determining the relationship between bull sperm kinematic subpopulations and fluorescence groups using an integrated sperm quality analysis technique. <i>Reproduction, Fertility and Development</i> , 2018 , 30, 919-923	1.8	15
83	Automatic determination of landmark coordinates for honey bee forewing venation using a new MATLAB-based tool. <i>Journal of Apicultural Research</i> , 2018 , 57, 605-610	2	1
82	CASA-Mot in mammals: an update. <i>Reproduction, Fertility and Development</i> , 2018 , 30, 799-809	1.8	28
81	Effect of chamber characteristics, loading and analysis time on motility and kinetic variables analysed with the CASA-mot system in goat sperm. <i>Animal Reproduction Science</i> , 2017 , 177, 97-104	2.1	15
80	Toward an integrative and predictive sperm quality analysis in <i>Bos taurus</i> . <i>Animal Reproduction Science</i> , 2017 , 181, 108-114	2.1	11
79	Afterword to special issue in. <i>Asian Journal of Andrology</i> , 2016 , 18, 895-897	2.8	7
78	Computer-assisted sperm morphometry fluorescence-based analysis has potential to determine progeny sex. <i>Asian Journal of Andrology</i> , 2016 , 18, 858-862	2.8	3

77	Morphometric and kinematic sperm subpopulations in split ejaculates of normozoospermic men. <i>Asian Journal of Andrology</i> , 2016 , 18, 831-834	2.8	4
76	Comparison of different statistical approaches to evaluate morphometric sperm subpopulations in men. <i>Asian Journal of Andrology</i> , 2016 , 18, 819-823	2.8	6
75	Morphometry and subpopulation structure of Holstein bull spermatozoa: variations in ejaculates and cryopreservation straws. <i>Asian Journal of Andrology</i> , 2016 , 18, 851-857	2.8	14
74	A comparative study of the morphometry of sperm head components in cattle, sheep, and pigs with a computer-assisted fluorescence method. <i>Asian Journal of Andrology</i> , 2016 , 18, 840-843	2.8	7
73	Effect of diluent composition on the dynamics of sperm DNA fragmentation and other sperm quality parameters in ram during incubation at 37°C. <i>Small Ruminant Research</i> , 2015 , 129, 92-96	1.7	1
72	Sperm population structure in high and low field fertility rams. <i>Animal Reproduction Science</i> , 2015 , 156, 128-34	2.1	41
71	Computer assisted sperm morphometry in mammals: a review. <i>Animal Reproduction Science</i> , 2015 , 156, 1-12	2.1	67
70	Effect of genistein added to bull semen after thawing on pronuclear and sperm quality. <i>Animal Reproduction Science</i> , 2015 , 163, 120-7	2.1	5
69	Predictive capacity of sperm quality parameters and sperm subpopulations on field fertility after artificial insemination in sheep. <i>Animal Reproduction Science</i> , 2015 , 163, 82-8	2.1	39
68	In vitro assessment of sperm quality from rams of high and low field fertility. <i>Animal Reproduction Science</i> , 2014 , 146, 15-20	2.1	22
67	Climate factors affecting fertility after cervical insemination during the first months of the breeding season in Rasa Aragonesa ewes. <i>International Journal of Biometeorology</i> , 2014 , 58, 1651-5	3.7	12
66	Study of nuclear and acrosomal sperm morphometry in ram using a computer-assisted sperm morphometry analysis fluorescence (CASMA-F) method. <i>Theriogenology</i> , 2014 , 82, 921-4	2.8	14
65	Three-dimensional architecture of the ovine oviductal mucosa. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2014 , 43, 331-40	1.1	18
64	Standardization of CASA sperm motility assessment in the ram. <i>Small Ruminant Research</i> , 2013 , 112, 128-135	1.7	32
63	A comparative study of the sperm nuclear morphometry in cattle, goat, sheep, and pigs using a new computer-assisted method (CASMA-F). <i>Theriogenology</i> , 2013 , 79, 436-42	2.8	18
62	A comparative study of sperm morphometric subpopulations in cattle, goat, sheep and pigs using a computer-assisted fluorescence method (CASMA-F). <i>Animal Reproduction Science</i> , 2013 , 139, 182-9	2.1	34
61	Comparison of membrane-permeant fluorescent probes for sperm viability assessment in the ram. <i>Reproduction in Domestic Animals</i> , 2013 , 48, 598-603	1.6	21
60	Use of Relief Contrast(□) objective to improve sperm morphometric analysis by Isas(□) casa system in the ram. <i>Reproduction in Domestic Animals</i> , 2013 , 48, 1019-24	1.6	10

59	Short communication. Evaluation of a commercial kit based on acridine orange/propidium iodide to assess the plasma membrane integrity of ram sperm. <i>Spanish Journal of Agricultural Research</i> , 2013 , 11, 362	1.1	6
58	Cytokine gene expression profiles in peripheral blood mononuclear cells from <i>Neospora caninum</i> naturally infected dams throughout gestation. <i>Veterinary Parasitology</i> , 2012 , 183, 237-43	2.8	16
57	Tris buffer improves fluorescence yield of ram spermatozoa when evaluating membrane integrity. <i>Microscopy Research and Technique</i> , 2012 , 75, 520-3	2.8	11
56	Automatic evaluation of ram sperm morphometry. <i>Theriogenology</i> , 2012 , 77, 1343-50	2.8	30
55	Factors affecting fertility after cervical insemination with cooled semen in meat sheep. <i>Animal Reproduction Science</i> , 2012 , 132, 139-44	2.1	14
54	Relationships between body weight and milk yield during the early postpartum period and bull and technician and the reproductive performance of high producing dairy cows. <i>Journal of Reproduction and Development</i> , 2012 , 58, 366-70	2.1	5
53	Peripheral white blood cell counts throughout pregnancy in non-aborting <i>Neospora caninum</i> -seronegative and seropositive high-producing dairy cows in a Holstein Friesian herd. <i>Research in Veterinary Science</i> , 2011 , 90, 457-62	2.5	5
52	Zwitterionic buffers preserve ram semen quality more efficiently than TRIS during storage at 15°C. <i>Small Ruminant Research</i> , 2011 , 95, 54-60	1.7	18
51	Different humoral mechanisms against <i>Neospora caninum</i> infection in purebred and crossbreed beef/dairy cattle pregnancies. <i>Veterinary Parasitology</i> , 2011 , 178, 70-6	2.8	19
50	Effects of a progesterone-based oestrous synchronization protocol in 51- to 57-day postpartum high-producing dairy cows. <i>Reproduction in Domestic Animals</i> , 2010 , 45, e168-73	1.6	7
49	<i>Neospora caninum</i> and <i>coxiella burnetii</i> seropositivity are related to endocrine pattern changes during gestation in lactating dairy cows. <i>Theriogenology</i> , 2010 , 74, 212-20	2.8	29
48	Bacterial contamination of ram semen, antibiotic sensitivities, and effects on sperm quality during storage at 15°C. <i>Animal Reproduction Science</i> , 2010 , 122, 142-9	2.1	70
47	Some factors affecting the abortion rate in dairy herds with high incidence of <i>Neospora</i> -associated abortions are different in cows and heifers. <i>Reproduction in Domestic Animals</i> , 2010 , 45, 699-705	1.6	20
46	Effects of cumulative stressful and acute variation episodes of farm climate conditions on late embryo/early fetal loss in high producing dairy cows. <i>International Journal of Biometeorology</i> , 2010 , 54, 93-8	3.7	19
45	Factors affecting plasma pregnancy-associated glycoprotein 1 concentrations throughout gestation in high-producing dairy cows. <i>Reproduction in Domestic Animals</i> , 2009 , 44, 600-5	1.6	26
44	Anomalous pregnancies during late embryonic/early foetal period in high producing dairy cows. <i>Reproduction in Domestic Animals</i> , 2009 , 44, 672-6	1.6	10
43	Effects of crossbreed pregnancies on the abortion risk of <i>Neospora caninum</i> -infected dairy cows. <i>Veterinary Parasitology</i> , 2009 , 163, 323-9	2.8	33
42	Factors affecting plasma prolactin concentrations throughout gestation in high producing dairy cows. <i>Domestic Animal Endocrinology</i> , 2009 , 36, 57-66	2.3	14

41	Early postabortion recovery of Neospora-infected lactating dairy cows. <i>Theriogenology</i> , 2009 , 72, 798-802.8	4
40	Dynamics of heat shock protein 70 concentrations in peripheral blood lymphocyte lysates during pregnancy in lactating Holstein-Friesian cows. <i>Theriogenology</i> , 2009 , 72, 1041-6	2.8 7
39	Specific anti-Neospora caninum IgG1 and IgG2 antibody responses during gestation in naturally infected cattle and their relationship with gamma interferon production. <i>Veterinary Immunology and Immunopathology</i> , 2009 , 130, 35-42	2 22
38	Relationships between milk production, ovarian function and fertility in high-producing dairy herds in north-eastern Spain. <i>Reproduction in Domestic Animals</i> , 2008 , 43 Suppl 4, 38-43	1.6 27
37	Factors affecting plasma progesterone in the early fetal period in high producing dairy cows. <i>Theriogenology</i> , 2008 , 69, 426-32	2.8 23
36	Factors affecting the response to the specific treatment of several forms of clinical anestrus in high producing dairy cows. <i>Theriogenology</i> , 2008 , 69, 1095-103	2.8 34
35	Use of image analysis to assess the plasma membrane integrity of ram spermatozoa in different diluents. <i>Theriogenology</i> , 2008 , 70, 192-8	2.8 18
34	The peritoneal mesothelium covering the genital tract and its ligaments in the female pig shows signs of active function. <i>Anatomical Record</i> , 2007 , 290, 831-7	2.1 6
33	Progesterone supplementation during mid-gestation increases the risk of abortion in Neospora-infected dairy cows with high antibody titres. <i>Veterinary Parasitology</i> , 2007 , 145, 164-7	2.8 18
32	Plasma pregnancy-associated glycoprotein-1 (PAG-1) concentrations during gestation in Neospora-infected dairy cows. <i>Theriogenology</i> , 2007 , 67, 502-8	2.8 23
31	Factors affecting the fertility of high producing dairy herds in northeastern Spain. <i>Theriogenology</i> , 2007 , 67, 632-8	2.8 63
30	Plasma concentrations of pregnancy-associated glycoprotein-1 (PAG-1) in high producing dairy cows suffering early fetal loss during the warm season. <i>Theriogenology</i> , 2007 , 67, 1324-30	2.8 32
29	Climate factors affecting conception rate of high producing dairy cows in northeastern Spain. <i>Theriogenology</i> , 2007 , 67, 1379-85	2.8 143
28	Protection against abortion linked to gamma interferon production in pregnant dairy cows naturally infected with Neospora caninum. <i>Theriogenology</i> , 2007 , 68, 1067-73	2.8 40
27	Milk production correlates negatively with plasma levels of pregnancy-associated glycoprotein (PAG) during the early fetal period in high producing dairy cows with live fetuses. <i>Domestic Animal Endocrinology</i> , 2007 , 32, 29-42	2.3 62
26	Low seroprevalence of Neospora caninum infection associated with the limousin breed in cow-calf herds in Andorra, Europe. <i>Journal of Parasitology</i> , 2007 , 93, 1029-32	0.9 19
25	Vitrification of pre-pubertal ovine cumulus-oocyte complexes: effect of cytochalasin B pre-treatment. <i>Animal Reproduction Science</i> , 2006 , 93, 176-82	2.1 26
24	Relationship between heat stress during the peri-implantation period and early fetal loss in dairy cattle. <i>Theriogenology</i> , 2006 , 65, 799-807	2.8 108

23	Screening for high fertility in high-producing dairy cows. <i>Theriogenology</i> , 2006 , 65, 1678-89	2.8	65
22	Factors affecting walking activity at estrus during postpartum period and subsequent fertility in dairy cows. <i>Theriogenology</i> , 2006 , 66, 1943-50	2.8	41
21	Scanning electron microscopic study of the functional anatomy of the porcine oviductal mucosa. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2006 , 35, 28-34	1.1	36
20	Walking activity at estrus and subsequent fertility in dairy cows. <i>Theriogenology</i> , 2005 , 63, 1419-29	2.8	123
19	Effect of solid storage at 15 degrees C on the subsequent motility and fertility of rabbit semen. <i>Theriogenology</i> , 2005 , 64, 252-60	2.8	35
18	Effects of solid storage of sheep spermatozoa at 15 degrees C on their survival and penetrating capacity. <i>Theriogenology</i> , 2005 , 64, 1844-51	2.8	28
17	The use of beef bull semen reduced the risk of abortion in Neospora-seropositive dairy cows. <i>Zoonoses and Public Health</i> , 2005 , 52, 88-92		29
16	Relationship between rainfall and Neospora caninum-associated abortion in two dairy herds in a dry environment. <i>Zoonoses and Public Health</i> , 2005 , 52, 147-52		11
15	Recent developments in oestrous synchronization of postpartum dairy cows with and without ovarian disorders. <i>Reproduction in Domestic Animals</i> , 2004 , 39, 86-93	1.6	39
14	Timing of early foetal loss for single and twin pregnancies in dairy cattle. <i>Reproduction in Domestic Animals</i> , 2004 , 39, 429-33	1.6	63
13	Reproductive performance of lactating dairy cows treated with cloprostenol at the time of insemination. <i>Theriogenology</i> , 2004 , 62, 677-89	2.8	23
12	Progesterone supplementation during the early fetal period reduces pregnancy loss in high-yielding dairy cattle. <i>Theriogenology</i> , 2004 , 62, 1529-35	2.8	51
11	Effects of presynchronization during the preservice period on subsequent ovarian activity in lactating dairy cows. <i>Theriogenology</i> , 2003 , 60, 545-52	2.8	7
10	Luteal activity at the onset of a timed insemination protocol affects reproductive outcome in early postpartum dairy cows. <i>Theriogenology</i> , 2003 , 60, 583-93	2.8	18
9	Relationship between fertility and the walking activity of cows at oestrus. <i>Veterinary Record</i> , 2003 , 152, 239-40	0.9	9
8	Rheological and ultrastructural properties of bovine vaginal fluid obtained at oestrus. <i>Journal of Anatomy</i> , 2002 , 201, 53-60	2.9	21
7	Surface alterations in the bovine pelvic peritoneum following rectal examination of reproductive organs: a scanning electron microscopy study. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2002 , 31, 372-4	1.1	2
6	Intraperitoneal insemination in mammals: a review. <i>Reproduction in Domestic Animals</i> , 2002 , 37, 75-80	1.6	15

5	Factors affecting pregnancy loss from gestation Day 38 to 90 in lactating dairy cows from a single herd. <i>Theriogenology</i> , 2002 , 57, 1251-61	2.8	127
4	Risk factors for postpartum ovarian cysts and their spontaneous recovery or persistence in lactating dairy cows. <i>Theriogenology</i> , 2002 , 58, 1623-32	2.8	59
3	Persistent ovarian follicles in dairy cows: a therapeutic approach. <i>Theriogenology</i> , 2001 , 56, 649-59	2.8	39
2	Study of the functional anatomy of bovine oviductal mucosa. <i>The Anatomical Record</i> , 2000 , 260, 268-78		74
1	A scanning electron microscopic study of the peritoneal mesothelium covering the genital tract and its ligaments in the cow. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2000 , 29, 149-55	1.1	9