

# Pilar P Santolaria

## List of Publications by Year in descending order

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103  
papers

3,970  
citations

116194

36  
h-index

156644

58  
g-index

103  
all docs

103  
docs citations

103  
times ranked

2928  
citing authors

#	ARTICLE	IF	CITATIONS
1	INFLUENCE OF CONTEXTUAL AND PERSONAL FACTORS ON STUDENT'S APPROACH TO LEARNING AT UNIVERSITY DEGREES. EDULEARN Proceedings, 2022, , .	0.0	0
2	Revisiting Cattle Temperament in Beef Cow-Calf Systems: Insights from Farmers' Perceptions about an Autochthonous Breed. <i>Animals</i> , 2021, 11, 82.	1.0	9
3	Role of Antioxidants in Cooled Liquid Storage of Mammal Spermatozoa. <i>Antioxidants</i> , 2021, 10, 1096.	2.2	32
4	Ability of the ISAS3Fun Method to Detect Sperm Acrosome Integrity and Its Potential to Discriminate between High and Low Field Fertility Bulls. <i>Biology</i> , 2021, 10, 1135.	1.3	3
5	Sperm Quality Assessment in Honey Bee Drones. <i>Biology</i> , 2020, 9, 174.	1.3	19
6	Relationship of sperm plasma membrane and acrosomal integrities with sperm morphometry in <i>Bos taurus</i> . <i>Asian Journal of Andrology</i> , 2020, 22, 578.	0.8	3
7	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.	0.9	11
8	OpenCASA: A new open-source and scalable tool for sperm quality analysis. <i>PLoS Computational Biology</i> , 2019, 15, e1006691.	1.5	46
9	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.	0.7	5
10	CASA-Mot in mammals: an update. <i>Reproduction, Fertility and Development</i> , 2018, 30, 799.	0.1	46
11	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.	0.1	22
12	Toward an integrative and predictive sperm quality analysis in <i>Bos taurus</i> . <i>Animal Reproduction Science</i> , 2017, 181, 108-114.	0.5	16
13	Morphometric and kinematic sperm subpopulations in split ejaculates of normozoospermic men. <i>Asian Journal of Andrology</i> , 2016, 18, 831.	0.8	12
14	Comparison of different statistical approaches to evaluate morphometric sperm subpopulations in man. <i>Asian Journal of Andrology</i> , 2016, 18, 819-823.	0.8	17
15	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.	0.8	14
16	Computer-assisted sperm morphometry fluorescence-based analysis has potential to determine progeny sex. <i>Asian Journal of Andrology</i> , 2016, 18, 858.	0.8	12
17	Predictive capacity of sperm quality parameters and sperm subpopulations on field fertility after artificial insemination in sheep. <i>Animal Reproduction Science</i> , 2015, 163, 82-88.	0.5	55
18	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.	0.6	1

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19	Sperm population structure in high and low field fertility rams. <i>Animal Reproduction Science</i> , 2015, 156, 128-134.	0.5	49
20	Computer assisted sperm morphometry in mammals: A review. <i>Animal Reproduction Science</i> , 2015, 156, 1-12.	0.5	81
21	Three-dimensional Architecture of the Ovine Oviductal Mucosa. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2014, 43, 331-340.	0.3	19
22	In vitro assessment of sperm quality from rams of high and low field fertility. <i>Animal Reproduction Science</i> , 2014, 146, 15-20.	0.5	30
23	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, 1651-1655.	1.3	18
24	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, 921-924.	0.9	15
25	Standardization of CASA sperm motility assessment in the ram. <i>Small Ruminant Research</i> , 2013, 112, 128-135.	0.6	39
26	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, 436-442.	0.9	22
27	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, 182-189.	0.5	41
28	Comparison of Membrane Permeant Fluorescent Probes for Sperm Viability Assessment in the Ram. <i>Reproduction in Domestic Animals</i> , 2013, 48, 598-603.	0.6	26
29	Influence of social dominance on production, welfare and the quality of meat from beef bulls. <i>Meat Science</i> , 2013, 94, 432-437.	2.7	31
30	Use of Relief Contrast <sup>®</sup> Objective to Improve Sperm Morphometric Analysis by Isas <sup>®</sup> Casa System in the Ram. <i>Reproduction in Domestic Animals</i> , 2013, 48, 1019-1024.	0.6	10
31	Effect of production system before the finishing period on carcass, meat and fat qualities of beef. <i>Animal</i> , 2013, 7, 2063-2072.	1.3	24
32	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.	0.3	7
33	Automatic evaluation of ram sperm morphometry. <i>Theriogenology</i> , 2012, 77, 1343-1350.	0.9	34
34	Factors affecting fertility after cervical insemination with cooled semen in meat sheep. <i>Animal Reproduction Science</i> , 2012, 132, 139-144.	0.5	24
35	Consumers' willingness to pay for beef direct sales. A regional comparison across the Pyrenees. <i>Appetite</i> , 2012, 58, 1118-1127.	1.8	13
36	Tris buffer improves fluorescence yield of ram spermatozoa when evaluating membrane integrity. <i>Microscopy Research and Technique</i> , 2012, 75, 520-523.	1.2	11

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37	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, 366-370.	0.5	5
38	Zwitterionic buffers preserve ram semen quality more efficiently than TRIS during storage at 15Å°C. <i>Small Ruminant Research</i> , 2011, 95, 54-60.	0.6	21
39	Different humoral mechanisms against <i>Neospora caninum</i> infection in purebred and crossbreed beef/dairy cattle pregnancies. <i>Veterinary Parasitology</i> , 2011, 178, 70-76.	0.7	20
40	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, 93-98.	1.3	25
41	Bacterial contamination of ram semen, antibiotic sensitivities, and effects on sperm quality during storage at 15Å°C. <i>Animal Reproduction Science</i> , 2010, 122, 142-149.	0.5	91
42	Factors Affecting Plasma Pregnancy-Associated Glycoprotein 1 Concentrations Throughout Gestation in High-Producing Dairy Cows. <i>Reproduction in Domestic Animals</i> , 2009, 44, 600-605.	0.6	30
43	Anomalous Pregnancies during Late Embryonic/Early Foetal Period in High Producing Dairy Cows. <i>Reproduction in Domestic Animals</i> , 2009, 44, 672-676.	0.6	11
44	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> , 2009, 45, 699-705.	0.6	21
45	Effects of crossbreed pregnancies on the abortion risk of <i>Neospora caninum</i> -infected dairy cows. <i>Veterinary Parasitology</i> , 2009, 163, 323-329.	0.7	36
46	Factors affecting plasma prolactin concentrations throughout gestation in high producing dairy cows. <i>Domestic Animal Endocrinology</i> , 2009, 36, 57-66.	0.8	17
47	Early postabortion recovery of <i>Neospora</i> -infected lactating dairy cows. <i>Theriogenology</i> , 2009, 72, 798-802.	0.9	4
48	Dynamics of heat shock protein 70 concentrations in peripheral blood lymphocyte lysates during pregnancy in lactating Holstein-Friesian cows. <i>Theriogenology</i> , 2009, 72, 1041-1046.	0.9	8
49	Specific anti- <i>Neospora caninum</i> 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.	0.5	23
50	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, 38-43.	0.6	34
51	Factors affecting plasma progesterone in the early fetal period in high producing dairy cows. <i>Theriogenology</i> , 2008, 69, 426-432.	0.9	25
52	Factors affecting the response to the specific treatment of several forms of clinical anestrus in high producing dairy cows. <i>Theriogenology</i> , 2008, 69, 1095-1103.	0.9	37
53	Use of image analysis to assess the plasma membrane integrity of ram spermatozoa in different diluents. <i>Theriogenology</i> , 2008, 70, 192-198.	0.9	22
54	Plasma pregnancy-associated glycoprotein-1 (PAG-1) concentrations during gestation in <i>Neospora</i> -infected dairy cows. <i>Theriogenology</i> , 2007, 67, 502-508.	0.9	25

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55	Factors affecting the fertility of high producing dairy herds in northeastern Spain. <i>Theriogenology</i> , 2007, 67, 632-638.	0.9	73
56	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, 1324-1330.	0.9	40
57	Climate factors affecting conception rate of high producing dairy cows in northeastern Spain. <i>Theriogenology</i> , 2007, 67, 1379-1385.	0.9	172
58	Protection against abortion linked to gamma interferon production in pregnant dairy cows naturally infected with <i>Neospora caninum</i> . <i>Theriogenology</i> , 2007, 68, 1067-1073.	0.9	42
59	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.	0.8	72
60	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, 1029-1032.	0.3	21
61	Progesterone supplementation during mid-gestation increases the risk of abortion in <i>Neospora</i> -infected dairy cows with high antibody titres. <i>Veterinary Parasitology</i> , 2007, 145, 164-167.	0.7	19
62	Vitrification of pre-pubertal ovine cumulus-oocyte complexes: Effect of cytochalasin B pre-treatment. <i>Animal Reproduction Science</i> , 2006, 93, 176-182.	0.5	29
63	Relationship between heat stress during the peri-implantation period and early fetal loss in dairy cattle. <i>Theriogenology</i> , 2006, 65, 799-807.	0.9	125
64	The effects of GnRH treatment at the time of AI and 12 days later on reproductive performance of high producing dairy cows during the warm season in northeastern Spain. <i>Theriogenology</i> , 2006, 65, 820-830.	0.9	60
65	Screening for high fertility in high-producing dairy cows. <i>Theriogenology</i> , 2006, 65, 1678-1689.	0.9	75
66	Factors affecting walking activity at estrus during postpartum period and subsequent fertility in dairy cows. <i>Theriogenology</i> , 2006, 66, 1943-1950.	0.9	50
67	<i>Neospora caninum</i> Infection Does Not Affect the Fertility of Dairy Cows in Herds with High Incidence of <i>Neospora</i> -associated Abortions. <i>Zoonoses and Public Health</i> , 2005, 52, 51-53.	1.4	31
68	The Use of Beef Bull Semen Reduced the Risk of Abortion in <i>Neospora</i> -seropositive Dairy Cows. <i>Zoonoses and Public Health</i> , 2005, 52, 88-92.	1.4	33
69	Relationship between Rainfall and <i>Neospora caninum</i> -associated Abortion in Two Dairy Herds in a Dry Environment. <i>Zoonoses and Public Health</i> , 2005, 52, 147-152.	1.4	15
70	Walking activity at estrus and subsequent fertility in dairy cows. <i>Theriogenology</i> , 2005, 63, 1419-1429.	0.9	144
71	Effect of solid storage at 15°C on the subsequent motility and fertility of rabbit semen. <i>Theriogenology</i> , 2005, 64, 252-260.	0.9	48
72	Effects of solid storage of sheep spermatozoa at 15°C on their survival and penetrating capacity. <i>Theriogenology</i> , 2005, 64, 1844-1851.	0.9	34

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73	Timing of Early Foetal Loss for Single and Twin Pregnancies in Dairy Cattle. <i>Reproduction in Domestic Animals</i> , 2004, 39, 429-433.	0.6	72
74	Pregnancy Rate after Timed Artificial Insemination in Early Post-partum Dairy Cows after Ovsynch or Specific Synchronization Protocols. <i>Transboundary and Emerging Diseases</i> , 2004, 51, 33-38.	0.6	23
75	Reproductive performance of lactating dairy cows treated with cloprostenol at the time of insemination. <i>Theriogenology</i> , 2004, 62, 677-689.	0.9	32
76	Progesterone supplementation during the early fetal period reduces pregnancy loss in high-yielding dairy cattle. <i>Theriogenology</i> , 2004, 62, 1529-1535.	0.9	67
77	Effects of presynchronization during the preservice period on subsequent ovarian activity in lactating dairy cows. <i>Theriogenology</i> , 2003, 60, 545-552.	0.9	7
78	Luteal activity at the onset of a timed insemination protocol affects reproductive outcome in early postpartum dairy cows. <i>Theriogenology</i> , 2003, 60, 583-593.	0.9	19
79	Relationship between fertility and the walking activity of cows at oestrus. <i>Veterinary Record</i> , 2003, 152, 239-240.	0.2	11
80	Factors affecting pregnancy loss from gestation Day 38 to 90 in lactating dairy cows from a single herd. <i>Theriogenology</i> , 2002, 57, 1251-1261.	0.9	151
81	Risk factors for postpartum ovarian cysts and their spontaneous recovery or persistence in lactating dairy cows. <i>Theriogenology</i> , 2002, 58, 1623-1632.	0.9	77
82	Effect of transport time on welfare and meat quality in pigs. <i>Meat Science</i> , 2002, 61, 425-433.	2.7	124
83	In Vitro Development of Bovine Embryos Encapsulated in Sodium Alginate. <i>Transboundary and Emerging Diseases</i> , 2002, 49, 393-395.	0.6	17
84	Rheological and ultrastructural properties of bovine vaginal fluid obtained at oestrus. <i>Journal of Anatomy</i> , 2002, 201, 53-60.	0.9	25
85	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, 372-374.	0.3	3
86	Intraperitoneal Insemination in Mammals: A Review. <i>Reproduction in Domestic Animals</i> , 2002, 37, 75-80.	0.6	19
87	Influence of lairage time on some welfare and meat quality parameters in pigs. <i>Veterinary Research</i> , 2002, 33, 239-250.	1.1	58
88	Persistent ovarian follicles in dairy cows: a therapeutic approach. <i>Theriogenology</i> , 2001, 56, 649-659.	0.9	45
89	Study of the functional anatomy of bovine oviductal mucosa. <i>The Anatomical Record</i> , 2000, 260, 268-278.	2.3	85
90	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, 149-155.	0.3	11

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91	Assessment of breed type and ageing time effects on beef meat quality using two different texture devices. <i>Meat Science</i> , 2000, 55, 371-378.	2.7	117
92	Breed type and ageing time effects on sensory characteristics of beef strip loin steaks. <i>Meat Science</i> , 1999, 51, 383-390.	2.7	125
93	Morphological Features and Effects on Reproductive Parameters of Ovarian Cysts of Follicular Origin in Superovulated Rabbit Does. <i>Reproduction in Domestic Animals</i> , 1998, 33, 369-378.	0.6	4
94	Influence of calving season on the interactions among reproductive disorders of dairy cows. <i>Animal Science</i> , 1998, 67, 387-393.	1.3	50
95	Influence of weaning on carcass quality, fatty acid composition and meat quality in intensive lamb production systems. <i>Animal Science</i> , 1998, 66, 175-187.	1.3	76
96	The relationship of rheological behavior of the vaginal fluid at the time of insemination to the pregnancy rate in dairy cows. <i>Theriogenology</i> , 1997, 48, 865-871.	0.9	8
97	Effect of stress-induced high post-mortem pH on protease activity and tenderness of beef. <i>Meat Science</i> , 1997, 45, 201-207.	2.7	67
98	Breed effect on carcass and meat quality of suckling lambs. <i>Meat Science</i> , 1997, 46, 357-365.	2.7	100
99	Rapid Freezing of Rabbit Embryos has a Negative Effect on Embryo Morphology. <i>Reproduction in Domestic Animals</i> , 1997, 32, 237-241.	0.6	1
100	Influence of carcass weight on instrumental and sensory lamb meat quality in intensive production systems. <i>Meat Science</i> , 1996, 42, 195-202.	2.7	117
101	Influence of management factors on pregnancy attrition in dairy cattle. <i>Theriogenology</i> , 1996, 45, 1247-1253.	0.9	44
102	Rheological behavior of the vaginal fluid of dairy cows at estrus. <i>Theriogenology</i> , 1996, 46, 57-63.	0.9	14
103	Effect of reproductive disorders previous to conception on pregnancy attrition in dairy cows. <i>Theriogenology</i> , 1996, 46, 643-648.	0.9	46