

# Sylvie Chastant

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

2,212  
citations

172207

29  
h-index

243296

44  
g-index

82  
all docs

82  
docs citations

82  
times ranked

1836  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lymphoid hypoplasia and somatic cloning. <i>Lancet, The</i> , 1999, 353, 1489-1491.	6.3	229
2	In vivo meiotic resumption, fertilization and early embryonic development in the bitch. <i>Reproduction</i> , 2005, 130, 193-201.	1.1	108
3	In Vitro Embryo Production Efficiency in Cattle and Its Association with Oocyte Adenosine Triphosphate Content, Quantity of Mitochondrial DNA, and Mitochondrial DNA Haplogroup. <i>Biology of Reproduction</i> , 2004, 71, 697-704.	1.2	100
4	Towards an Automated Detection of Oestrus in Dairy Cattle. <i>Reproduction in Domestic Animals</i> , 2012, 47, 1056-1061.	0.6	99
5	Nuclear translocation and carboxyl-terminal domain phosphorylation of RNA polymerase II delineate the two phases of zygotic gene activation in mammalian embryos. <i>EMBO Journal</i> , 1997, 16, 6250-6262.	3.5	96
6	Methods and on-farm devices to predict calving time in cattle. <i>Veterinary Journal</i> , 2015, 205, 349-356.	0.6	70
7	The canine oocyte: uncommon features of in vivo and in vitro maturation. <i>Reproduction, Fertility and Development</i> , 2011, 23, 391.	0.1	59
8	Differential impact of birth weight and early growth on neonatal mortality in puppies <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2015, 93, 4436-4442.	0.2	58
9	Characterization of the fecal microbiome during neonatal and early pediatric development in puppies. <i>PLoS ONE</i> , 2017, 12, e0175718.	1.1	52
10	In vivo canine oocyte maturation, fertilization and early embryogenesis: A review. <i>Theriogenology</i> , 2006, 66, 1685-1693.	0.9	50
11	In vivo aging of oocytes influences the behavior of nuclei transferred to enucleated rabbit oocytes. <i>Molecular Reproduction and Development</i> , 1997, 46, 325-336.	1.0	46
12	Follicle population, cumulus mucification, and oocyte chromatin configuration during the periovulatory period in the female dog. <i>Theriogenology</i> , 2009, 72, 1120-1131.	0.9	45
13	Monitoring of the newborn dog and prediction of neonatal mortality. <i>Preventive Veterinary Medicine</i> , 2017, 143, 11-20.	0.7	41
14	Birth weight as a risk factor for neonatal mortality: Breed-specific approach to identify at-risk puppies. <i>Preventive Veterinary Medicine</i> , 2019, 171, 104746.	0.7	41
15	IGF system and ovarian folliculogenesis in dog breeds of various sizes: is there a link?. <i>Journal of Endocrinology</i> , 2010, 206, 85-92.	1.2	40
16	Steroid hormones content and proteomic analysis of canine follicular fluid during the preovulatory period. <i>Reproductive Biology and Endocrinology</i> , 2010, 8, 132.	1.4	40
17	Impact of Bovine Herpesvirus 4 (BoHV-4) on Reproduction. <i>Transboundary and Emerging Diseases</i> , 2015, 62, 245-251.	1.3	39
18	Quantitative control of gene expression by nucleocytoplasmic interactions in early mouse embryos: Consequence for reprogramming by nuclear transfer. <i>Molecular Reproduction and Development</i> , 1996, 44, 423-432.	1.0	38

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19	Evidence of oocyte donor cow effect over oocyte production and embryo development in vitro. <i>Reproduction</i> , 2003, 126, 629-637.	1.1	38
20	Canine and feline colostrum. <i>Reproduction in Domestic Animals</i> , 2017, 52, 148-152.	0.6	37
21	Consequences of transvaginal follicular puncture on well-being in cows. <i>Reproduction</i> , 2003, 125, 555-563.	1.1	36
22	Ultrastructure of canine oocytes during in vivo maturation. <i>Molecular Reproduction and Development</i> , 2008, 75, 115-125.	1.0	36
23	Timing of the Intestinal Barrier Closure in Puppies. <i>Reproduction in Domestic Animals</i> , 2012, 47, 190-193.	0.6	36
24	Follicular growth monitoring in the female cat during estrus. <i>Theriogenology</i> , 2011, 76, 1337-1346.	0.9	35
25	Embryo biotechnology in the dog: a review. <i>Reproduction, Fertility and Development</i> , 2010, 22, 1049.	0.1	34
26	Effects of Cow Age and Pregnancy on Bartonella Infection in a Herd of Dairy Cattle. <i>Journal of Clinical Microbiology</i> , 2006, 44, 42-46.	1.8	33
27	Inadequate passive immune transfer in puppies: definition, risk factors and prevention in a large multi-breed kennel. <i>Preventive Veterinary Medicine</i> , 2014, 116, 209-213.	0.7	32
28	Passive immune transfer in puppies. <i>Animal Reproduction Science</i> , 2019, 207, 162-170.	0.5	32
29	Expression of follicle stimulating hormone and luteinizing hormone receptors during follicular growth in the domestic cat ovary. <i>Molecular Reproduction and Development</i> , 2007, 74, 989-996.	1.0	30
30	Epidemiological analysis of reproductive performances and kitten mortality rates in 5,303 purebred queens of 45 different breeds and 28,065 kittens in France. <i>Reproduction in Domestic Animals</i> , 2017, 52, 153-157.	0.6	30
31	Reproductive performance and pre-weaning mortality: Preliminary analysis of 27,221 purebred female dogs and 204,537 puppies in France. <i>Reproduction in Domestic Animals</i> , 2017, 52, 158-162.	0.6	29
32	Chromatin, microtubules, and kinases activities during meiotic resumption in bitch oocytes. <i>Molecular Reproduction and Development</i> , 2004, 68, 205-212.	1.0	28
33	Effect of endocervical inflammation on days to conception in dairy cows. <i>Journal of Dairy Science</i> , 2012, 95, 1776-1783.	1.4	28
34	Folliculogenesis, Ovulation and Endocrine Control of Oocytes and Embryos in the Dog. <i>Reproduction in Domestic Animals</i> , 2012, 47, 66-69.	0.6	27
35	Potential of connected devices to optimize cattle reproduction. <i>Theriogenology</i> , 2018, 112, 53-62.	0.9	27
36	Folliculogenesis and Morphometry of Oocyte and Follicle Growth in the Feline Ovary. <i>Reproduction in Domestic Animals</i> , 2009, 44, 174-179.	0.6	26

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37	Progesterone Plays a Critical Role in Canine Oocyte Maturation and Fertilization1. <i>Biology of Reproduction</i> , 2015, 93, 87.	1.2	26
38	Immunoglobulin G concentration in canine colostrum: Evaluation and variability. <i>Journal of Reproductive Immunology</i> , 2015, 112, 24-28.	0.8	25
39	Risk factors of weaning diarrhea in puppies housed in breeding kennels. <i>Preventive Veterinary Medicine</i> , 2014, 117, 260-265.	0.7	24
40	Differential ability of male and female rabbit fetal germ cell nuclei to be reprogrammed by nuclear transfer. <i>Differentiation</i> , 1996, 60, 339-345.	1.0	21
41	Mitochondrial distribution patterns in canine oocytes as related to the reproductive cycle stage. <i>Animal Reproduction Science</i> , 2010, 117, 166-177.	0.5	21
42	Natural and artificial hyperimmune solutions: Impact on health in puppies. <i>Reproduction in Domestic Animals</i> , 2017, 52, 163-169.	0.6	19
43	Protection against canine parvovirus type 2 infection in puppies by colostrum-derived antibodies. <i>Journal of Nutritional Science</i> , 2014, 3, e54.	0.7	18
44	<i>OVGP1</i> is expressed in the canine oviduct at the time and place of oocyte maturation and fertilization. <i>Molecular Reproduction and Development</i> , 2014, 81, 972-982.	1.0	17
45	Localization and Quantification of Insulin-Like Growth Factor-I (IGF-I) and IGF-II/ Mannose-6-Phosphate (IGF-II/M6P) Receptors in Pig Embryos during Early Pregnancy1. <i>Biology of Reproduction</i> , 1994, 51, 588-596.	1.2	16
46	Effect of blood handling conditions on progesterone assay results obtained by chemiluminescence in the bitch. <i>Domestic Animal Endocrinology</i> , 2013, 45, 141-144.	0.8	16
47	Inflammation: friend or foe of bovine reproduction?. <i>Animal Reproduction</i> , 2019, 16, 539-547.	0.4	16
48	Expression of follicle-stimulating hormone and luteinising hormone binding sites in the bitch ovary during the follicular phase. <i>Reproduction, Fertility and Development</i> , 2008, 20, 925.	0.1	13
49	Expression of nuclear and membrane progesterone receptors in the canine oviduct during the periovulatory period. <i>Reproduction, Fertility and Development</i> , 2013, 25, 1065.	0.1	12
50	Influence of Breed Size, Age, Fecal Quality, and Enteropathogen Shedding on Fecal Calprotectin and Immunoglobulin A Concentrations in Puppies During the Weaning Period. <i>Journal of Veterinary Internal Medicine</i> , 2016, 30, 1056-1064.	0.6	12
51	Low and very low birth weight in puppies: definitions, risk factors and survival in a large-scale population. <i>BMC Veterinary Research</i> , 2020, 16, 354.	0.7	12
52	Validation of a fecal scoring scale in puppies during the weaning period. <i>Preventive Veterinary Medicine</i> , 2012, 106, 315-323.	0.7	10
53	Association between birth weight and risk of overweight at adulthood in Labrador dogs. <i>PLoS ONE</i> , 2020, 15, e0243820.	1.1	10
54	Ultrastructural evaluation of in vitro-matured canine oocytes. <i>Reproduction, Fertility and Development</i> , 2008, 20, 626.	0.1	9

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55	Effect of age, gestation and lactation on faecal IgA and calprotectin concentrations in dogs. Journal of Nutritional Science, 2014, 3, e41.	0.7	9
56	Partial urorectal septum malformation sequence in a kitten with disorder of sexual development. Journal of Feline Medicine and Surgery, 2014, 16, 1016-1019.	0.6	8
57	In Vitro Maturation and Fertilization of Canine Oocytes. , 2004, 253, 255-272.		7
58	Nuclear and cytoplasmic maturation of canine oocytes related to <i>in vitro</i> denudation. Reproduction in Domestic Animals, 2009, 44, 243-246.	0.6	7
59	Preliminary results on variability in oocyte recovery and developmental competence in cattle derived from embryonic cloning: work in progress. Theriogenology, 2003, 60, 891-900.	0.9	6
60	Are Oocytes from the Anestrous Bitch Competent for Meiosis?. Reproduction in Domestic Animals, 2012, 47, 74-79.	0.6	6
61	Chromatin Patterns of Immature Canine Oocytes after In Vitro Maturation. Reproduction in Domestic Animals, 2012, 47, 70-73.	0.6	5
62	Effect of selected gastrointestinal parasites and viral agents on fecal S100A12 concentrations in puppies as a potential comparative model. Parasites and Vectors, 2018, 11, 252.	1.0	5
63	Radiofrequency driven cord occlusion for selective termination of pregnancy: evaluation in the fetal sheep. American Journal of Obstetrics and Gynecology, 2008, 198, 227.e1-227.e5.	0.7	4
64	Immunolocalization of Progesterone Receptors in the Canine Oviduct around Ovulation. Reproduction in Domestic Animals, 2012, 47, 35-39.	0.6	3
65	69 DIFFERENTIAL AND QUANTITATIVE ANALYSIS OF DOG OVIDUCTAL FLUID. Reproduction, Fertility and Development, 2012, 24, 147.	0.1	3
66	Birth weight in the feline species: Description and factors of variation in a large population of purebred kittens. Theriogenology, 2022, 190, 32-37.	0.9	3
67	Lack of transplacental transmission of Bartonella bovis. Comparative Immunology, Microbiology and Infectious Diseases, 2015, 38, 41-46.	0.7	2
68	General and type 2 parvovirus-specific passive immune transfer in puppies – Evaluation by early growth. Reproduction in Domestic Animals, 2018, 53, 96-102.	0.6	2
69	68 TRANSCRIPTIONAL GENOME ACTIVATION IN CANINE EMBRYOS COLLECTED IN VIVO. Reproduction, Fertility and Development, 2012, 24, 146.	0.1	2
70	Reliability of Hoechst 33342 Staining under Wide-Field Microscopy for Evaluation of the Nuclear Status of Living Dog Oocytes. Microscopy and Microanalysis, 2012, 18, 483-492.	0.2	1
71	The Induction of a Secondary Corpus Luteum on Day 12 Post-Ovulation can Delay the Time of Luteolysis in High-Producing Holstein Cows. Reproduction in Domestic Animals, 2014, 49, 920-925.	0.6	1
72	Le transfert d'immunité passive chez le chiot. Bulletin De L'Academie Veterinaire De France, 2018, , 137.	0.0	0

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73	186 RELIABILITY OF HOECHST 33342 STAINING UNDER STANDARD EPIFLUORESCENCE MICROSCOPY FOR EVALUATION OF THE NUCLEAR STATUS OF LIVING DOG OOCYTES. <i>Reproduction, Fertility and Development</i> , 2012, 24, 205.	0.1	0
74	130 EXPRESSION OF STEROIDOGENIC ENZYMES IN THE CAT OVARY DURING FOLLICULAR GROWTH. <i>Reproduction, Fertility and Development</i> , 2012, 24, 177.	0.1	0
75	Association between birth weight and risk of overweight at adulthood in Labrador dogs. , 2020, 15, e0243820.		0
76	Association between birth weight and risk of overweight at adulthood in Labrador dogs. , 2020, 15, e0243820.		0
77	Association between birth weight and risk of overweight at adulthood in Labrador dogs. , 2020, 15, e0243820.		0
78	Association between birth weight and risk of overweight at adulthood in Labrador dogs. , 2020, 15, e0243820.		0