

# Jaswant Singh

## List of Publications by Year in descending order

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73  
papers

1,883  
citations

346980

22  
h-index

312153

41  
g-index

75  
all docs

75  
docs citations

75  
times ranked

1479  
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictors of the ovarian superstimulatory response and oocyte collection in prepubertal heifers. <i>Domestic Animal Endocrinology</i> , 2022, 81, 106729.	0.8	1
2	Influence of ovarian follicular wave synchronization and single-dose eCG superstimulation on oocyte collection and in vitro embryo production in bison during the ovulatory and anovulatory seasons. <i>Theriogenology</i> , 2022, 187, 238-246.	0.9	1
3	Neuroanatomical basis of the nerve growth factor ovulation induction pathway in llamas. <i>Biology of Reproduction</i> , 2021, 104, 578-588.	1.2	8
4	Feeding yearling Angus bulls low-level ergot daily for 9 weeks decreased serum prolactin concentrations and had subtle effects on sperm end points. <i>Theriogenology</i> , 2021, 161, 187-199.	0.9	2
5	Antral follicle counts and association with ovarian superstimulatory response to gonadotropins in prepubertal calves. <i>Animal Reproduction Science</i> , 2021, 227, 106730.	0.5	2
6	Sustained low-dose ergot alkaloids minimally affect post-thaw sperm characteristics in mature and yearling Angus bulls. <i>Theriogenology</i> , 2021, 176, 163-173.	0.9	0
7	Kisspeptin induces ovulation in heifers under low plasma progesterone concentrations. <i>Theriogenology</i> , 2020, 141, 26-34.	0.9	12
8	Angiogenesis and follicular development in ovarian tissue of cattle following vitrification and post-warming culture on chicken chorioallantoic membrane. <i>Animal Reproduction Science</i> , 2020, 212, 106254.	0.5	4
9	Characterization of low-dose ozone-induced murine acute lung injury. <i>Physiological Reports</i> , 2020, 8, e14463.	0.7	6
10	Long-Term Monitoring of Donor Xenogeneic Testis Tissue Grafts and Cell Implants in Recipient Mice Using Ultrasound Biomicroscopy. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 3088-3103.	0.7	5
11	Kisspeptin induces LH release and ovulation in an induced ovulator. <i>Biology of Reproduction</i> , 2020, 103, 49-59.	1.2	9
12	Effect of dose and duration of FSH treatment on ovarian response in prepubertal calves. <i>Animal Reproduction Science</i> , 2020, 219, 106471.	0.5	4
13	Validation of ultrasound biomicroscopy for the assessment of xenogeneic testis tissue grafts and cell implants in recipient mice. <i>Andrology</i> , 2020, 8, 1332-1346.	1.9	9
14	Regeneration of testis tissue after ectopic implantation of porcine testis cell aggregates in mice: improved consistency of outcomes and in situ monitoring. <i>Reproduction, Fertility and Development</i> , 2020, 32, 594.	0.1	10
15	Arterial Responses in Periparturient Beef Cows Following a 9-Week Exposure to Ergot (Claviceps) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.9	6
16	An objective volumetric method for assessment of ovarian follicular and luteal vascular flow using colour Doppler ultrasonography. <i>Theriogenology</i> , 2019, 138, 66-76.	0.9	3
17	Distribution and morphology of gonadotropin-releasing hormone neurons in the hypothalamus of an induced ovulator " The llama ( <i>Lama glama</i> ). <i>General and Comparative Endocrinology</i> , 2018, 263, 43-50.	0.8	9
18	Transcriptome analysis of granulosa cells after conventional vs long FSH-induced superstimulation in cattle. <i>BMC Genomics</i> , 2018, 19, 258.	1.2	20

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19	Arterial Responses to Acute Low-Level Ergot Exposure in Hereford Cows. <i>Frontiers in Veterinary Science</i> , 2018, 5, 240.	0.9	7
20	The relationship between gonadotropin releasing hormone and ovulation inducing factor/nerve growth factor receptors in the hypothalamus of the llama. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 83.	1.4	13
21	Effect of Kisspeptin-10 on plasma luteinizing hormone concentrations and follicular dynamics during the luteal phase in cattle. <i>Theriogenology</i> , 2018, 119, 268-274.	0.9	7
22	Source and localization of ovulation-inducing factor/nerve growth factor in male reproductive tissues among mammalian species. <i>Biology of Reproduction</i> , 2018, 99, 1194-1204.	1.2	27
23	Short-term culture of adult bovine ovarian tissues: chorioallantoic membrane (CAM) vs. traditional in vitro culture systems. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 21.	1.4	6
24	Development of a domestic animal model for endometriosis: Surgical induction in the dog, pigs, and sheep. <i>Journal of Endometriosis and Pelvic Pain Disorders</i> , 2018, 10, 95-106.	0.3	2
25	Effect of timing of artificial insemination in relation to onset of standing estrus on pregnancy per AI in Nili-Ravi buffalo. <i>Animal Reproduction</i> , 2018, 15, 1231-1235.	0.4	10
26	Effect of follicular aging on ATP content and mitochondria distribution in bovine oocytes. <i>Theriogenology</i> , 2017, 89, 348-358.	0.9	8
27	Transcriptomic difference in bovine blastocysts following vitrification and slow freezing at morula stage. <i>PLoS ONE</i> , 2017, 12, e0187268.	1.1	32
28	Stable reference genes in granulosa cells of bovine dominant follicles during follicular growth, FSH stimulation and maternal aging. <i>Reproduction, Fertility and Development</i> , 2016, 28, 795.	0.1	15
29	Demonstration of synchrotron x-ray phase contrast imaging computed tomography of infiltrative transitional cell carcinoma of the prostatic urethra in a dog. <i>Journal of Medical Imaging</i> , 2016, 3, 015504.	0.8	0
30	The dynamics of <i>trkA</i> expression in the bovine ovary are associated with a luteotrophic effect of ovulation-inducing factor/nerve growth factor (OIF/NGF). <i>Reproductive Biology and Endocrinology</i> , 2016, 14, 47.	1.4	25
31	Meta-analysis of gene expression profiles in granulosa cells during folliculogenesis. <i>Reproduction</i> , 2016, 151, R103-R110.	1.1	31
32	Effect of cryopreservation technique and season on the survival of in vitro produced cattle embryos. <i>Animal Reproduction Science</i> , 2016, 164, 162-168.	0.5	11
33	Synchronization of ovulation in cattle with an aromatase inhibitor-based protocol. <i>Theriogenology</i> , 2016, 85, 1382-1389.	0.9	6
34	Assessment of freeware programs for the reconstruction of tomography datasets obtained with a monochromatic synchrotron-based X-ray source. <i>Journal of Synchrotron Radiation</i> , 2015, 22, 1130-1138.	1.0	9
35	Organelle reorganization in bovine oocytes during dominant follicle growth and regression. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 124.	1.4	27
36	Lengthened superstimulatory treatment in cattle: Evidence for rescue of follicles within a wave rather than continuous recruitment of new follicles. <i>Theriogenology</i> , 2015, 84, 467-476.	0.9	19

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37	194 EFFECT OF MATERNAL AGE ON THE GRANULOSA CELL TRANSCRIPTOME OF PREOVULATORY FOLLICLES IN CATTLE. <i>Reproduction, Fertility and Development</i> , 2015, 27, 188.	0.1	0
38	Development of a murine ocular posterior segment explant culture for the study of intravitreal vector delivery. <i>Canadian Journal of Veterinary Research</i> , 2015, 79, 31-8.	0.2	1
39	Bovine adenovirus 3 core protein precursor pVII localizes to mitochondria, and modulates ATP synthesis, mitochondrial Ca <sup>2+</sup> and mitochondrial membrane potential. <i>Journal of General Virology</i> , 2014, 95, 442-452.	1.3	8
40	Granulosa cell function and oocyte competence: Super-follicles, super-moms and super-stimulation in cattle. <i>Animal Reproduction Science</i> , 2014, 149, 80-89.	0.5	27
41	Synchronization of follicular wave emergence following ultrasound-guided transvaginal follicle ablation or estradiol-17 $\beta$ administration in water buffalo ( <i>Bubalus bubalis</i> ). <i>Animal Reproduction Science</i> , 2014, 146, 5-14.	0.5	8
42	Effect of bovine adenovirus 3 on mitochondria. <i>Veterinary Research</i> , 2014, 45, 45.	1.1	7
43	Effect of vehicle and route of administration of letrozole on ovarian function in a bovine model. <i>Reproduction, Fertility and Development</i> , 2014, 26, 1198.	0.1	10
44	Length of the follicular growing phase and oocyte competence in beef heifers. <i>Theriogenology</i> , 2013, 79, 1177-1183.e1.	0.9	23
45	Surgical translocation and ultrasound bio-microscopy of the ovaries in rabbits. <i>Animal Reproduction Science</i> , 2013, 138, 133-141.	0.5	4
46	Effect of progesterone concentration and duration of proestrus on fertility in beef cattle after fixed-time artificial insemination. <i>Theriogenology</i> , 2013, 79, 859-866.	0.9	67
47	Aromatase inhibitor treatment with an intravaginal device and its effect on pre-ovulatory ovarian follicles in a bovine model. <i>Reproductive Biology and Endocrinology</i> , 2013, 11, 97.	1.4	8
48	Effect of duration of the growing phase of ovulatory follicles on oocyte competence in superstimulated cattle. <i>Reproduction, Fertility and Development</i> , 2013, 25, 523.	0.1	12
49	Effects of a non-steroidal aromatase inhibitor on ovarian function in cattle. <i>Reproduction, Fertility and Development</i> , 2012, 24, 631.	0.1	12
50	Large animal models for the study of ovarian follicular dynamics in women. <i>Theriogenology</i> , 2012, 78, 1733-1748.	0.9	75
51	Effect of length of progesterone exposure during ovulatory wave development on pregnancy rate. <i>Theriogenology</i> , 2012, 77, 437-444.	0.9	13
52	In vivo imaging of cumulus-oocyte-complexes and small ovarian follicles in cattle using ultrasonic biomicroscopy. <i>Animal Reproduction Science</i> , 2012, 131, 88-94.	0.5	8
53	Vitrification of immature bovine cumulus-oocyte complexes: effects of cryoprotectants, the vitrification procedure and warming time on cleavage and embryo development. <i>Reproductive Biology and Endocrinology</i> , 2012, 10, 73.	1.4	21
54	A bovine model for examining the effects of an aromatase inhibitor on ovarian function in women. <i>Fertility and Sterility</i> , 2011, 96, 434-438.e3.	0.5	23

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55	Thyroid hormone concentrations in systemic circulation and ovarian follicular fluid of cows. <i>Experimental Biology and Medicine</i> , 2010, 235, 215-221.	1.1	13
56	Progesterone concentration, estradiol pretreatment, and dose of gonadotropin-releasing hormone affect gonadotropin-releasing hormone-mediated luteinizing hormone release in beef heifers. <i>Domestic Animal Endocrinology</i> , 2010, 39, 155-162.	0.8	42
57	High-resolution ultrasound biomicroscopy for monitoring ovarian structures in mice. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 69.	1.4	22
58	Ovarian imaging in the mouse using ultrasound biomicroscopy (UBM): a validation study. <i>Reproduction, Fertility and Development</i> , 2009, 21, 579.	0.1	26
59	Superovulatory response in a bovine model of reproductive aging. <i>Animal Reproduction Science</i> , 2008, 109, 100-109.	0.5	37
60	Progress in understanding ovarian follicular dynamics in cattle. <i>Theriogenology</i> , 2008, 69, 72-80.	0.9	177
61	Oocyte developmental competence in a bovine model of reproductive aging. <i>Reproduction</i> , 2007, 134, 233-239.	1.1	62
62	Classification of Bovine Reproductive Cycle Phase using Ultrasound-Detected Features. , 2007, , .		2
63	Comparison of the effect of ovulation-inducing factor (OIF) in the seminal plasma of llamas, alpacas, and bulls. <i>Theriogenology</i> , 2006, 66, 1102-1106.	0.9	60
64	Bovine model of reproductive aging: Response to ovarian synchronization and superstimulation. <i>Theriogenology</i> , 2006, 66, 1257-1266.	0.9	37
65	Ovulation-Inducing Factor in the Seminal Plasma of Alpacas and Llamas <sup>1</sup> . <i>Biology of Reproduction</i> , 2005, 73, 452-457.	1.2	125
66	Bovine Model for the Study of Reproductive Aging in Women: Follicular, Luteal, and Endocrine Characteristics <sup>1</sup> . <i>Biology of Reproduction</i> , 2005, 73, 45-53.	1.2	135
67	Local versus systemic effect of ovulation-inducing factor in the seminal plasma of alpacas. <i>Reproductive Biology and Endocrinology</i> , 2005, 3, 29.	1.4	58
68	A simple ultrasound test to predict the superstimulatory response in cattle. <i>Theriogenology</i> , 2004, 62, 227-243.	0.9	145
69	Morphology and developmental competence of bovine oocytes relative to follicular status. <i>Theriogenology</i> , 2003, 60, 923-932.	0.9	95
70	Ultrasound image characteristics of ovarian follicles in relation to oocyte competence and follicular status in cattle. <i>Animal Reproduction Science</i> , 2003, 76, 25-41.	0.5	39
71	Promise of new imaging technologies for assessing ovarian function. <i>Animal Reproduction Science</i> , 2003, 78, 371-399.	0.5	56
72	Histomorphometry of dominant and subordinate bovine ovarian follicles. , 2000, 258, 58-70.		31

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73	Immunohistochemical Distribution of Follistatin in Dominant and Subordinate Follicles and the Corpus Luteum of Cattle1. <i>Biology of Reproduction</i> , 1998, 59, 561-570.	1.2	23