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Selection of the dominant follicle in cattle

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#	Paper	IF	Citations
388	Role of diameter differences among follicles in selection of a future dominant follicle in mares. <i>Biology of Reproduction</i> , 1997 , 57, 1320-7	3.9	114
387	Sampling follicular fluid without altering follicular status in cattle: oestradiol concentrations early in a follicular wave. 1997 , 109, 181-6		53
386	Functional interrelationships between follicles greater than 4 mm and the follicle-stimulating hormone surge in heifers. <i>Biology of Reproduction</i> , 1997 , 57, 1066-73	3.9	79
385	Emergence and deviation of follicles during the development of follicular waves in cattle. <i>Theriogenology</i> , 1997 , 48, 75-87	2.8	135
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221	Efeito do intervalo entre recrutamentos foliculares na superovulaçãõ de vacas da raça Holandesa nã lactantes. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2007 , 59, 844-850	0.3	0
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205	Reproductive responses following postpartum suppression of ovarian follicular development with a deslorelin implant during summer heat stress in lactating dairy cows. <i>Animal Reproduction Science</i> , 2009 , 111, 320-37	2.1	8
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192	Effect of follicular wave synchronization on in vitro embryo production in heifers. <i>Animal Reproduction Science</i> , 2010 , 117, 201-7	2.1	8

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187	Ultrasonographic and endocrine aspects of follicle deviation, and acquisition of ovulatory capacity in buffalo (<i>Bubalus bubalis</i>) heifers. <i>Animal Reproduction Science</i> , 2011 , 123, 175-9	2.1	19
186	Changes in follicular blood flow and nitric oxide levels in follicular fluid during follicular deviation in cows. <i>Animal Reproduction Science</i> , 2011 , 123, 149-56	2.1	17
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176	Advances in recombinant gonadotropin production for use in bovine superovulation. 2011 , 46, 933-42		11
175	Differential gene expression of serine protease inhibitors in bovine ovarian follicle: possible involvement in follicular growth and atresia. 2011 , 9, 72		21
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161	Role of LH in luteolysis and growth of the ovulatory follicle and estradiol regulation of LH secretion in heifers. <i>Theriogenology</i> , 2012 , 77, 1442-52	2.8	15
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153	Effect of superstimulatory treatments on the expression of genes related to ovulatory capacity, oocyte competence and embryo development in cattle. <i>Reproduction, Fertility and Development</i> , 2012 , 25, 17-25	1.8	20
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151	Heat Stress and Reproduction. 2013 , 79-111		5
150	Two-way coupling between FSH and the dominant follicle in heifers. <i>Theriogenology</i> , 2013 , 80, 463-9	2.8	11
149	Acid-base parameters and steroid concentrations in pre-ovulatory follicles and plasma of lactating dairy cows with spontaneous and synchronized oestrus or follicular cyst. 2013 , 48, 833-9		5
148	Effect of glucocorticoid-induced insulin resistance on follicle development and ovulation. <i>Biology of Reproduction</i> , 2013 , 88, 153	3.9	21
147	Grb14 mRNA levels during follicular deviation in cattle are higher in granulosa cells of subordinate compared to dominant follicles. 2013 , 48, 396-401		2
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145	Granulosa cells from emerged antral follicles of the bovine ovary initiate inflammation in response to bacterial pathogen-associated molecular patterns via Toll-like receptor pathways. <i>Biology of Reproduction</i> , 2013 , 89, 119	3.9	31
144	Culture of bovine ovarian follicle wall sections maintained the highly estrogenic profile under basal and chemically defined conditions. 2013 , 46, 700-7		5
143	Pregnancy rate in lactating <i>Bos indicus</i> cows subjected to fixed-time artificial insemination and treated with different follicular growth inducers. <i>Revista Brasileira De Zootecnia</i> , 2014 , 43, 358-362	1.2	2
142	Switching of largest follicle from dominant to subordinate status when follicle and CL are in same ovary in heifers. <i>Theriogenology</i> , 2014 , 82, 259-65	2.8	25
141	Relationship of follicle size and concentrations of estradiol among cows exhibiting or not exhibiting estrus during a fixed-time AI protocol. <i>Domestic Animal Endocrinology</i> , 2014 , 48, 15-20	2.3	24
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139	Transcriptome profiling of granulosa cells of bovine ovarian follicles during growth from small to large antral sizes. 2014 , 15, 24		95
138	The cow as an induced ovulator: timed AI after synchronization of ovulation. <i>Theriogenology</i> , 2014 , 81, 170-85	2.8	122

137	Ultrasonographic characterization of follicle deviation in follicular waves with single dominant and codominant follicles in dromedary camels (<i>Camelus dromedarius</i>). 2014 , 49, 239-42		7
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134	Expression of microRNAs and their target genes and pathways associated with ovarian follicle development in cattle. 2014 , 46, 735-45		24
133	Ovarian superstimulation using FSH combined with equine chorionic gonadotropin (eCG) upregulates mRNA-encoding proteins involved with LH receptor intracellular signaling in granulosa cells from Nelore cows. <i>Theriogenology</i> , 2014 , 82, 1199-205	2.8	12
132	Effect of intraovarian proximity between dominant follicle and corpus luteum on dimensions and blood flow of each structure in heifers. <i>Theriogenology</i> , 2014 , 82, 875-83	2.8	21
131	Historical perspectives and recent research on superovulation in cattle. <i>Theriogenology</i> , 2014 , 81, 38-48	2.8	72
130	Blood flow to follicles and CL during development of the periovulatory follicular wave in heifers. <i>Theriogenology</i> , 2014 , 82, 304-11	2.8	25
129	Intraovarian effect of dominant follicle and corpus luteum on number of follicles during a follicular wave in heifers. <i>Theriogenology</i> , 2014 , 82, 169-75	2.8	15
128	Expression of mRNA Encoding the LH Receptor (LHR) and LHR Binding Protein in Granulosa Cells from Nelore (<i>Bos indicus</i>) Heifers Around Follicle Deviation. 2015 , 50, 952-7		3
127	Antral follicles population in heifers and cows of Nelore and Girolando breeds. 2015 , 36, 3741		0
126	Fertilizability of oocytes derived from Holstein cows having different antral follicle counts in ovaries. <i>Animal Reproduction Science</i> , 2015 , 163, 172-8	2.1	12
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122	Follicular progesterone concentrations and messenger RNA expression of MATER and OCT-4 in immature bovine oocytes as predictors of developmental competence. <i>Theriogenology</i> , 2015 , 83, 1179-87 ^{2.8}	2.8	24
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119	Molecular aspects of bovine cystic ovarian disease pathogenesis. 2015 , 149, R251-64		26
118	Spontaneous and experimental conversion of a regressing subordinate follicle of wave 1 to the dominant follicle of wave 2 in heifers. <i>Theriogenology</i> , 2015 , 83, 1352-9	2.8	9
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115	Characterization of ovulatory capacity development in the dominant follicle of dromedary camels (<i>Camelus dromedarius</i>). 2015 , 15, 188-91		6
114	Preovulatory follicle diameter, growth rate and time of ovulation during induced oestrus using a CIDR [®] in trypanotolerant female <i>Bos taurus</i> NSDama cattle. <i>Tropical Animal Health and Production</i> , 2015 , 47, 1443-8	1.7	2
113	Differences between follicular waves 1 and 2 in patterns of emergence of 2-mm follicles, associated FSH surges, and ovarian vascular perfusion in heifers. <i>Theriogenology</i> , 2015 , 84, 853-61	2.8	8
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111	Conversion of intraovarian patterns from preovulation to postovulation based on location of dominant follicle and corpus luteum in heifers. <i>Theriogenology</i> , 2015 , 83, 153-61	2.8	14
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108	The relationship between antral follicle count in a bovine ovary and developmental competence of in vitro-grown oocytes derived from early antral follicles. 2016 , 37, 63-71		12
107	Complexities of follicle deviation during selection of a dominant follicle in <i>Bos taurus</i> heifers. <i>Theriogenology</i> , 2016 , 86, 2012-9	2.8	18
106	The response of the corpus luteum to prostaglandin F ₂ injection and why it could pay to wait. 2016 , 21, 25-29		
105	The theory of follicle selection in cattle. <i>Domestic Animal Endocrinology</i> , 2016 , 57, 85-99	2.3	51
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103	Temporality of two-way functional coupling between FSH and follicles in heifers. <i>Theriogenology</i> , 2016 , 86, 1645-53	2.8	13
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100	Ammonia concentrations in different size classes of ovarian follicles of sheep (<i>Ovis aries</i>): Possible mechanisms of accumulation and its effect on oocyte and granulosa cell growth in vitro. <i>Theriogenology</i> , 2016 , 85, 678-87	2.8	4
99	Contrasting effects of progesterone on fertility of dairy and beef cows. <i>Journal of Dairy Science</i> , 2016 , 99, 5951-5964	4	15
98	Functional angiocoupling between follicles and adjacent corpus luteum in heifers. <i>Theriogenology</i> , 2016 , 86, 465-71	2.8	16
97	Mechanism for greater frequency of contralateral than ipsilateral relationships between corpus luteum and ovulatory follicle for wave 3 in heifers. <i>Theriogenology</i> , 2016 , 85, 361-7	2.8	13
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94	Lipid profiles of follicular fluid from cows submitted to ovarian superstimulation. <i>Theriogenology</i> , 2017 , 94, 64-70	2.8	9
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88	Systemic and intrafollicular components of follicle selection in mares. <i>Domestic Animal Endocrinology</i> , 2017 , 59, 116-133	2.3	14
87	OvSynch Protocol and its Modifications in the Reproduction Management of Dairy Cattle Herds - an Update. <i>Journal of Veterinary Research (Poland)</i> , 2017 , 61, 329-336	1.8	16
86	Ovum pick-up interval in buffalo (<i>Bubalus bubalis</i>) managed under wetland conditions in Argentina: Effect on follicular population, oocyte recovery, and in vitro embryo development. <i>Animal Reproduction Science</i> , 2017 , 183, 39-45	2.1	7
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84	Comparison of fertility following use of one versus two intravaginal progesterone inserts in dairy cows without a CL during a synchronization protocol before timed AI or timed embryo transfer. <i>Theriogenology</i> , 2017 , 89, 72-78	2.8	12

83	Effect of ovsynch versus prostaglandin F protocol on estrus response, ovulation rate, timing of ovulation and pregnancy per artificial insemination in Sahiwal cows. <i>Animal Science Journal</i> , 2017 , 88, 445-450	1.8	3
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65	Use of human intravaginal tampon embedded with natural progesterone induces synchronous estrus in Santa Inês ewes. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2019 , 71, 345-348	0.3	0
64	Role of intraovarian mechanisms and side of ovary on characteristics of follicle selection in <i>Bos taurus</i> heifers. <i>Theriogenology</i> , 2019 , 135, 56-64	2.8	2
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55	Reproductive Physiology of the Female. 2019 , 2-34		0
54	Follicle blood flow and FSH concentration associated with variations in characteristics of follicle selection in heifers. <i>Theriogenology</i> , 2019 , 125, 93-101	2.8	1
53	Follicular competition in cows: the selection of dominant follicles as a synergistic effect. <i>Journal of Mathematical Biology</i> , 2019 , 78, 579-606	2	3
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51	Hormonal mechanisms regulating follicular wave dynamics II: Progesterone decreases diameter at follicle selection regardless of whether circulating FSH or LH are decreased or elevated. <i>Theriogenology</i> , 2020 , 143, 148-156	2.8	5
50	Activation of PPAR γ inhibits dominant follicle development in cattle. <i>Theriogenology</i> , 2020 , 142, 276-283	3.8	3
49	Hepatic mRNA expression of enzymes associated with progesterone metabolism and its impact on ovarian and endocrine responses in Nelore (<i>Bos indicus</i>) and Holstein (<i>Bos taurus</i>) heifers with differing feed intakes. <i>Theriogenology</i> , 2020 , 143, 113-122	2.8	3
48	Evaluation of presynchronization and addition of GnRH at the beginning of an estradiol/progesterone protocol on circulating progesterone and fertility of lactating dairy cows. <i>Theriogenology</i> , 2020 , 147, 124-134	2.8	3

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43	Intrafollicular injection of nonesterified fatty acids impaired dominant follicle growth in cattle. <i>Animal Reproduction Science</i> , 2020 , 219, 106536	2.1	3
42	Progesterone-based timed AI protocols for <i>Bos indicus</i> cattle II: Reproductive outcomes of either EB or GnRH-type protocol, using or not GnRH at AI. <i>Theriogenology</i> , 2020 , 145, 86-93	2.8	9
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40	Prevalence and risk factors related to anovular phenotypes in dairy cows. <i>Journal of Dairy Science</i> , 2021 , 104, 2369-2383	4	2
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