

Erdogan Memili

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89
papers

3,345
citations

27
h-index

57
g-index

108
ext. papers

3,893
ext. citations

3
avg, IF

5.12
L-index

#	Paper	IF	Citations
89	The genome sequence of taurine cattle: a window to ruminant biology and evolution. <i>Science</i> , 2009 , 324, 522-8	33.3	863
88	Zygotic and embryonic gene expression in cow: a review of timing and mechanisms of early gene expression as compared with other species. <i>Zygote</i> , 2000 , 8, 87-96	1.6	241
87	Comprehensive proteomic analysis of bovine spermatozoa of varying fertility rates and identification of biomarkers associated with fertility. <i>BMC Systems Biology</i> , 2008 , 2, 19	3.5	183
86	Onset of transcription in bovine oocytes and preimplantation embryos. <i>Molecular Reproduction and Development</i> , 1998 , 51, 36-41	2.6	146
85	Control of gene expression at the onset of bovine embryonic development. <i>Biology of Reproduction</i> , 1999 , 61, 1198-207	3.9	121
84	Dynamics of global transcriptome in bovine matured oocytes and preimplantation embryos. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 18905-10	11.5	114
83	Melatonin increases cleavage rate of porcine preimplantation embryos in vitro. <i>Journal of Pineal Research</i> , 2007 , 43, 283-8	10.4	99
82	Transcriptome analysis of bull spermatozoa: implications for male fertility. <i>Reproductive BioMedicine Online</i> , 2010 , 21, 312-24	4	81
81	PSXV-15 Application of a survey instrument for understanding pain management practices associated with equine assisted activities and therapy horses. <i>Journal of Animal Science</i> , 2021 , 99, 358-358	0.7	78
80	PSXVII-10 Application of a survey instrument for determining psychographic profiles of participants of the Dixie Nationals Sale of Junior Champions.. <i>Journal of Animal Science</i> , 2018 , 96, 198-198	0.7	78
79	Reprogramming mammalian somatic cells. <i>Theriogenology</i> , 2012 , 78, 1869-86	2.8	76
78	Developmental changes in RNA polymerase II in bovine oocytes, early embryos, and effect of alpha-amanitin on embryo development. <i>Molecular Reproduction and Development</i> , 1998 , 51, 381-9	2.6	71
77	Developmental and molecular correlates of bovine preimplantation embryos. <i>Reproduction</i> , 2006 , 131, 895-904	3.8	67
76	Dynamics of microRNAs in bull spermatozoa. <i>Reproductive Biology and Endocrinology</i> , 2012 , 10, 82	5	61
75	Advances in Cryopreservation of Bull Sperm. <i>Frontiers in Veterinary Science</i> , 2019 , 6, 268	3.1	60
74	Sperm protamine-status correlates to the fertility of breeding bulls. <i>Biology of Reproduction</i> , 2015 , 92, 92	3.9	57
73	Two-stage genome-wide association study identifies integrin beta 5 as having potential role in bull fertility. <i>BMC Genomics</i> , 2009 , 10, 176	4.5	55

72	Developmental potential of bovine oocytes cultured in different maturation and culture conditions. <i>Animal Reproduction Science</i> , 2007 , 101, 225-40	2.1	54
71	Proteomic landscape of seminal plasma associated with dairy bull fertility. <i>Scientific Reports</i> , 2018 , 8, 16323	4.9	50
70	Metabolomic markers of fertility in bull seminal plasma. <i>PLoS ONE</i> , 2018 , 13, e0195279	3.7	48
69	Bovine germinal vesicle oocyte and cumulus cell proteomics. <i>Reproduction</i> , 2007 , 133, 1107-20	3.8	47
68	Health and reproductive profiles of malaria antigen-producing transgenic goats derived by somatic cell nuclear transfer. <i>Cloning and Stem Cells</i> , 2005 , 7, 107-18		38
67	A whole-genome association analysis of noncompensatory fertility in Holstein bulls. <i>Journal of Dairy Science</i> , 2011 , 94, 4695-9	4	36
66	Proteomics-based systems biology modeling of bovine germinal vesicle stage oocyte and cumulus cell interaction. <i>PLoS ONE</i> , 2010 , 5, e11240	3.7	33
65	Uncovering sperm metabolome to discover biomarkers for bull fertility. <i>BMC Genomics</i> , 2019 , 20, 714	4.5	31
64	Acetylation and methylation of sperm histone 3 lysine 27 (H3K27ac and H3K27me3) are associated with bull fertility. <i>Andrologia</i> , 2018 , 50, e12915	2.4	28
63	Molecular morphology and function of bull spermatozoa linked to histones and associated with fertility. <i>Reproduction</i> , 2013 , 146, 263-72	3.8	27
62	Delivering value from sperm proteomics for fertility. <i>Cell and Tissue Research</i> , 2012 , 349, 783-93	4.2	26
61	Comparative functional genomics of mammalian DNA methyltransferases. <i>Reproductive BioMedicine Online</i> , 2010 , 20, 243-55	4	24
60	Transcriptional reprogramming of gene expression in bovine somatic cell chromatin transfer embryos. <i>BMC Genomics</i> , 2009 , 10, 190	4.5	24
59	Viable transgenic goats derived from skin cells. <i>Transgenic Research</i> , 2004 , 13, 215-24	3.3	24
58	Molecular physiognomies and applications of adipose-derived stem cells. <i>Stem Cell Reviews and Reports</i> , 2015 , 11, 298-308	6.4	23
57	Interrelationships between apoptosis and fertility in bull sperm. <i>Journal of Reproduction and Development</i> , 2013 , 59, 18-26	2.1	23
56	Environmental stressors influencing hormones and systems physiology in cattle. <i>Reproductive Biology and Endocrinology</i> , 2014 , 12, 58	5	22
55	Metabolism, protein content, and in vitro embryonic development of goat cumulus-oocyte complexes matured with physiological concentrations of glucose and L-lactate. <i>Molecular Reproduction and Development</i> , 2006 , 73, 256-66	2.6	22

54	Expression patterns of histone deacetylases in bovine oocytes and early embryos, and the effect of their inhibition on embryo development. <i>Zygote</i> , 2001 , 9, 123-33	1.6	22
53	Functional aspects of seminal plasma and sperm proteins and their potential as molecular markers of fertility. <i>Animal Reproduction</i> , 2016 , 13, 191-199	1.7	22
52	Culture systems for bovine embryos. <i>Livestock Science</i> , 2009 , 121, 141-149	1.7	16
51	Amino Acids of Seminal Plasma Associated With Freezability of Bull Sperm. <i>Frontiers in Cell and Developmental Biology</i> , 2019 , 7, 347	5.7	15
50	Synchronization of goat fibroblast cells at quiescent stage and determination of their transition from G0 to G1 by detection of cyclin D1 mRNA. <i>Cloning and Stem Cells</i> , 2004 , 6, 58-66		14
49	ETHcD and 213 nm UVPD for Top-Down Analysis of Bovine Seminal Plasma Proteoforms on Electrophoretic and Chromatographic Time Frames. <i>Analytical Chemistry</i> , 2020 , 92, 2979-2987	7.8	13
48	Mycotoxin alpha-zearalenol impairs the quality of preimplantation porcine embryos. <i>Journal of Reproduction and Development</i> , 2012 , 58, 338-43	2.1	13
47	Review: Potential of water buffalo in world agriculture: Challenges and opportunities. <i>Applied Animal Science</i> , 2019 , 35, 255-268	1.2	12
46	Testis specific histone 2B is associated with sperm chromatin dynamics and bull fertility-a pilot study. <i>Reproductive Biology and Endocrinology</i> , 2017 , 15, 59	5	12
45	Sperm macromolecules associated with bull fertility. <i>Animal Reproduction Science</i> , 2016 , 169, 88-94	2.1	12
44	Sperm miR-15a and miR-29b are associated with bull fertility. <i>Andrologia</i> , 2020 , 52, e13412	2.4	10
43	Protein signatures of seminal plasma from bulls with contrasting frozen-thawed sperm viability. <i>Scientific Reports</i> , 2020 , 10, 14661	4.9	10
42	Retained Acetylated Histone Four in Bull Sperm Associated With Fertility. <i>Frontiers in Veterinary Science</i> , 2019 , 6, 223	3.1	9
41	Sperm cellular and nuclear dynamics associated with bull fertility. <i>Animal Reproduction Science</i> , 2019 , 211, 106203	2.1	9
40	Effects of culture media and inhibitors on biology of porcine early embryonic development in vitro. <i>Livestock Science</i> , 2009 , 121, 102-107	1.7	9
39	Sperm superoxide dismutase is associated with bull fertility. <i>Reproduction, Fertility and Development</i> , 2015 ,	1.8	8
38	Functional genomics of HMGN3a and SMARCAL1 in early mammalian embryogenesis. <i>BMC Genomics</i> , 2009 , 10, 183	4.5	8
37	Seminal plasma proteins and metabolites: effects on sperm function and potential as fertility markers. <i>Animal Reproduction</i> , 2018 , 15, 691-702	1.7	8

36	Proteomic analysis of seminal plasma from locally-adapted "Curraleiro PêDuro bulls" (<i>Bos taurus</i>): identifying biomarkers involved in sperm physiology in endangered animals for conservation of biodiversity. <i>Animal Reproduction Science</i> , 2017 , 183, 86-101	2.1	7
35	Metabolomes of sperm and seminal plasma associated with bull fertility. <i>Animal Reproduction Science</i> , 2020 , 220, 106355	2.1	7
34	Molecular, cellular, and physiological determinants of bull fertility. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 2014 , 38, 637-642	0.6	7
33	Lipidomic markers of sperm cryotolerance in cattle. <i>Scientific Reports</i> , 2020 , 10, 20192	4.9	7
32	Advancing Semen Evaluation Using Lipidomics. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 601794	3.1	6
31	Sperm Functional Genome Associated With Bull Fertility. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 610888	3.1	5
30	Expression profile of Toll-like receptor 4 in rat testis and epididymis throughout postnatal development. <i>Andrologia</i> , 2020 , 52, e13518	2.4	4
29	Leptin and IGF-I improve bovine embryo quality in vitro. <i>Animal Reproduction</i> , 2017 , 14, 1151-1160	1.7	4
28	Cellular and Functional Physiopathology of Bull Sperm With Altered Sperm Freezability. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 581137	3.1	4
27	Review : Challenges and opportunities in rising feral horse populations. <i>The Professional Animal Scientist</i> , 2016 , 32, 717-724		4
26	Review: Sperm: Comparative morphology and function related to altered reproductive strategies and fertility in mammals. <i>The Professional Animal Scientist</i> , 2018 , 34, 558-565		4
25	Relationship Between Gait Mechanics and the Speed of the Trot in the Weimaraner Dog Breed. <i>Topics in Companion Animal Medicine</i> , 2019 , 35, 26-30	1.1	3
24	93 MICRORNA SEQUENCES OF BULL SPERMATOZOA. <i>Reproduction, Fertility and Development</i> , 2009 , 21, 147	1.8	3
23	Functional attributes of seminal proteins in bull fertility: a systematic review. <i>Reproduction</i> , 2021 , 161, 459-475	3.8	3
22	Expression dynamics of Integrin Subunit Beta 5 in bovine gametes and embryos imply functions in male fertility and early embryonic development. <i>Andrologia</i> , 2019 , 51, e13305	2.4	2
21	Comparative analysis of various step-dilution techniques on the quality of frozen Limousin bull semen. <i>Veterinary World</i> , 2020 , 13, 2422-2428	1.7	2
20	Dynamics of Sperm Chromatin Associated with Bull Fertility.. <i>Biology of Reproduction</i> , 2012 , 87, 8-8	3.9	2
19	Sperm Chromatin Dynamics Associated with Male Fertility in Mammals 2017 , 427-434		1

18	Applications of Metabolomics in Reproductive Biology 2017 , 509-518		1
17	54 Effect of Direct Fed Microbials on Apparent Nutrient Digestibility and the Fecal Microbial Population in the Sedentary Horse.. <i>Journal of Animal Science</i> , 2018 , 96, 29-29	0.7	1
16	Superovulation in goats during the second follicular wave, with or without exogenous progesterone. <i>Small Ruminant Research</i> , 2012 , 104, 146-150	1.7	1
15	Regulatory network of miRNA, lncRNA, transcription factor and target immune response genes in bovine mastitis. <i>Scientific Reports</i> , 2021 , 11, 21899	4.9	1
14	Sperm proteins ODF2 and PAWP as markers of fertility in breeding bulls. <i>Cell and Tissue Research</i> , 2021 , 1	4.2	1
13	161 Effect of Direct Fed Microbials on Apparent Nutrient Digestibility, Fecal Microbial Population, and Blood Metabolites in the Moderately Exercised Horse.. <i>Journal of Animal Science</i> , 2018 , 96, 85-85	0.7	1
12	Onset of transcription in bovine oocytes and preimplantation embryos 1998 , 51, 36		1
11	Proteomic fertility markers in ram sperm. <i>Animal Reproduction Science</i> , 2021 , 235, 106882	2.1	0
10	Proteomics in Animal Reproduction and Breeding 369-396		0
9	Determinants of sperm morphology. 2014 , 34-56		0
8	Identification of biomarkers for bull fertility using functional genomics.. <i>Animal Reproduction</i> , 2022 , 19, e20220004	1.7	0
7	DEVELOPMENTAL BIOLOGY OF PORCINE PREIMPLANTATION EMBRYOS IN VITRO. <i>Biology of Reproduction</i> , 2007 , 77, 219-219	3.9	
6	Regulation of NOS enzymes by splice variants. <i>FASEB Journal</i> , 2011 , 25, 1029.9	0.9	
5	Computational Analysis and Assesment of Potential Reproductive Fertiltiy Markers Beta-Tubulin 2C and Heat Shock Protein 10.. <i>Biology of Reproduction</i> , 2011 , 85, 533-533	3.9	
4	Epigenetics of Mammalian Gamete and Embryo Development 3-25		
3	Effect of Sericin Supplementation in Collection Medium on Bovine Oocyte Nuclear Maturation. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 478, 012006	0.3	
2	Evaluation of Friesian Holstein Bulls Fertility in Lembang and Singosari Artificial Insemination Center using West Java ISIKHNAS Data. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 478, 012005	0.3	
1	Relationship among Body Weight, Scrotal Circumference and Sperm Quantity of Bali Bulls in Baturiti Artificial Insemination Center. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 478, 012004	0.3	

