

Manuel Garcia-Herreros

List of Publications by Year in descending order

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46
papers

1,000
citations

393982

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433756

31
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all docs

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docs citations

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times ranked

976
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Extra-Long-Acting Recombinant Bovine FSH (bscrFSH) on Cattle Superovulation. <i>Animals</i> , 2022, 12, 153.	1.0	6
2	A review of inbreeding depression in dairy cattle: current status, emerging control strategies, and future prospects. <i>Journal of Dairy Research</i> , 2022, 89, 3-12.	0.7	11
3	Filgrastim (r-met-hu G-CSF) enhances the efficiency of spermatogenesis in prepubertal <i>Bos indicus</i> bulls. <i>Reproduction in Domestic Animals</i> , 2022, 57, 438-443.	0.6	0
4	Genomic Analysis, Progress and Future Perspectives in Dairy Cattle Selection: A Review. <i>Animals</i> , 2021, 11, 599.	1.0	26
5	Genomic Evaluation of Primiparous High-Producing Dairy Cows: Inbreeding Effects on Genotypic and Phenotypic Production of Reproductive Traits. <i>Animals</i> , 2020, 10, 1704.	1.0	10
6	Differential role of r-met-hu G-CSF on male reproductive function and development in prepubertal domestic mammals. <i>PLoS ONE</i> , 2019, 14, e0222871.	1.1	3
7	Sperm kinematics and subpopulational responses during the cryopreservation process in caprine ejaculates. <i>Cryobiology</i> , 2018, 82, 137-147.	0.3	11
8	Active immunization against GnRH in pre-pubertal domestic mammals: testicular morphometry, histopathology and endocrine responses in rabbits, guinea pigs and ram lambs. <i>Animal</i> , 2018, 12, 784-793.	1.3	8
9	Temporally differential protein expression of glycolytic and glycogenic enzymes during in vitro preimplantation bovine embryo development. <i>Reproduction, Fertility and Development</i> , 2018, 30, 1245.	0.1	10
10	Prion protein 2 (dublet) gene (PRND): role in ovine semen capacitation, cryopreservation and fertility. <i>Reproduction, Fertility and Development</i> , 2017, 29, 985.	0.1	8
11	Inmunización activa anti-GnRH en ovino (<i>Ovis aries</i>): morfometría testicular, histopatología y respuesta endocrina en corderos preñados. <i>Spermova</i> , 2017, 1, 32-36.	0.1	0
12	Dinámicas espermáticas subpoblacionales durante el proceso de criopreservación en eyaculados de caprino (<i>Capra aegagrus hircus</i>). <i>Spermova</i> , 2017, 1, 61-66.	0.1	0
13	EFFECTO DE LA APLICACIÓN DEL FACTOR ESTIMULANTE DE COLONIAS DE GRANULOCITOS RECOMBINANTE HUMANO (r-met-hu G-CSF) EN EL DESARROLLO SEXUAL DE CORDEROS PREÑADOS. <i>Spermova</i> , 2017, 7, 93-99.	0.1	1
14	Sperm subpopulations in avian species: a comparative study between the rooster (<i>Gallus domesticus</i>) and Guinea fowl (<i>Numida meleagris</i>). <i>Asian Journal of Andrology</i> , 2016, 18, 889.	0.8	16
15	Sperm Morphology Assessment in Captive Neotropical Primates. <i>Reproduction in Domestic Animals</i> , 2016, 51, 623-627.	0.6	7
16	Normozoospermic versus teratozoospermic domestic cats: differential testicular volume, sperm morphometry, and subpopulation structure during epididymal maturation. <i>Asian Journal of Andrology</i> , 2016, 18, 871.	0.8	20
17	Aplicación intrauterina de flavonoides en vacas lecheras puerperales: involución del tracto reproductivo y fertilidad en ambientes de altitud elevada. <i>Spermova</i> , 2016, 2, 128-132.	0.1	0
18	Aplicación de GnRh exógena post-IATF y su efecto en los niveles séricos de progesterona y tasa de gestación en vacas lecheras primiparas en ambientes de altitud elevada. <i>Spermova</i> , 2016, 2, 148-152.	0.1	0

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19	Sperm volumetric dynamics during in vitro capacitation process in bovine spermatozoa. <i>Animal</i> , 2015, 9, 1016-1024.	1.3	6
20	Comparative study of sperm washing and selection methods after cryopreservation and its influence on sperm subpopulational structure in a bovine model. <i>Systems Biology in Reproductive Medicine</i> , 2014, 60, 338-347.	1.0	11
21	Sperm morphometry: a tool for detecting biophysical changes associated with viability in cryopreserved bovine spermatozoa. <i>Andrologia</i> , 2014, 46, 820-822.	1.0	13
22	Identification of sperm head subpopulations with defined pleiomorphic characteristics in ejaculates of captive Goeldi's monkeys (<i>Callimico goeldii</i>). <i>Animal Reproduction Science</i> , 2013, 137, 93-102.	0.5	14
23	Differential distribution of sperm subpopulations and incidence of pleiomorphisms in ejaculates of captive howling monkeys (<i>Alouatta caraya</i>). <i>Die Naturwissenschaften</i> , 2013, 100, 923-933.	0.6	5
24	Differential glycolytic and glycogenogenic transduction pathways in male and female bovine embryos produced in vitro. <i>Reproduction, Fertility and Development</i> , 2012, 24, 344.	0.1	21
25	Endometrial response of beef heifers on <i>day 7</i> following insemination to supraphysiological concentrations of progesterone associated with superovulation. <i>Physiological Genomics</i> , 2012, 44, 1107-1115.	1.0	21
26	Seasonal dynamics of sperm morphometric subpopulations and its association with sperm quality parameters in ram ejaculates. <i>Theriogenology</i> , 2012, 78, 528-541.	0.9	33
27	Sperm head morphometry in ejaculates of adult marmosets (<i>Callithrix jacchus</i>): A model for studying sperm subpopulations and among-donor variations. <i>Theriogenology</i> , 2012, 78, 1152-1165.	0.9	22
28	Head morphometric changes in cryopreserved ram spermatozoa are related to sexual maturity. <i>Theriogenology</i> , 2011, 75, 473-481.	0.9	25
29	Sperm morphometric subpopulations are differentially distributed in rams with different maturity age in cryopreserved ejaculates. <i>Theriogenology</i> , 2011, 76, 97-109.	0.9	35
30	Expression, Regulation, and Function of Progesterone Receptors in Bovine Cumulus Oocyte Complexes During In Vitro Maturation1. <i>Biology of Reproduction</i> , 2011, 84, 910-921.	1.2	97
31	258 ROLE OF PROGESTERONE AND ITS RECEPTORS ON DEVELOPMENTAL COMPETENCE OF OOCYTES IN CATTLE. <i>Reproduction, Fertility and Development</i> , 2011, 23, 227.	0.1	0
32	103 TRANSDUCTION PATHWAYS RELATED TO GLUCOSE METABOLISM IN MALE AND FEMALE BOVINE EMBRYOS PRODUCED IN VITRO. <i>Reproduction, Fertility and Development</i> , 2011, 23, 157.	0.1	0
33	Effect of Superovulation on Circulating Progesterone Concentrations and Endometrial Gene Expression in Cattle.. <i>Biology of Reproduction</i> , 2011, 85, 364-364.	1.2	0
34	Intrafollicular testosterone concentration and sex ratio in individually cultured bovine embryos. <i>Reproduction, Fertility and Development</i> , 2010, 22, 533.	0.1	19
35	Identification and regulation of glycogen synthase kinase-3 during bovine embryo development. <i>Reproduction</i> , 2010, 140, 83-92.	1.1	42
36	Incidence of chromosomal abnormalities in bovine blastocysts derived from unsorted and sex-sorted spermatozoa. <i>Reproduction, Fertility and Development</i> , 2010, 22, 1272.	0.1	11

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37	367 INCIDENCE OF CHROMOSOMAL ABNORMALITIES IN MALE AND FEMALE BOVINE EMBRYOS DERIVED FROM SEX-SORTED SPERM. <i>Reproduction, Fertility and Development</i> , 2010, 22, 340.	0.1	0
38	Morphometry of porcine spermatozoa and its functional significance in relation with the motility parameters in fresh semen. <i>Theriogenology</i> , 2009, 71, 254-263.	0.9	71
39	Morphometric changes in boar spermatozoa induced by cryopreservation. <i>Journal of Developmental and Physical Disabilities</i> , 2008, 31, 490-498.	3.6	30
40	Porcine sperm motility is regulated by serine phosphorylation of the glycogen synthase kinase-3 β . <i>Reproduction</i> , 2007, 134, 435-444.	1.1	59
41	Phosphatidylinositol 3-kinase pathway regulates sperm viability but not capacitation on boar spermatozoa. <i>Molecular Reproduction and Development</i> , 2007, 74, 1035-1042.	1.0	29
42	Standardization of sample preparation, staining and sampling methods for automated sperm head morphometry analysis of boar spermatozoa. <i>Journal of Developmental and Physical Disabilities</i> , 2006, 29, 553-563.	3.6	37
43	Changes in tyrosine phosphorylation associated with true capacitation and capacitation-like state in boar spermatozoa. <i>Molecular Reproduction and Development</i> , 2005, 71, 88-96.	1.0	68
44	Inhibition of phosphatidylinositol 3-kinase modifies boar sperm motion parameters. <i>Reproduction</i> , 2005, 129, 283-289.	1.1	42
45	Boar sperm velocity and motility patterns under capacitating and non-capacitating incubation conditions. <i>Theriogenology</i> , 2005, 63, 795-805.	0.9	47
46	Identification of Sperm Morphometric Subpopulations in Two Different Portions of the Boar Ejaculate and Its Relation to Postthaw Quality. <i>Journal of Andrology</i> , 2005, 26, 716-723.	2.0	105