Manuel Garcia-Herreros

List of Publications by Year
in descending order

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46 papers	1,000 citations	394421 19 h-index	434195 31 g-index
47 all docs	47 docs citations	47 times ranked	976 citing authors

#	Article	IF	Citations
1	Effects of Extra-Long-Acting Recombinant Bovine FSH (bscrFSH) on Cattle Superovulation. Animals, 2022, 12, 153.	2.3	6
2	A review of inbreeding depression in dairy cattle: current status, emerging control strategies, and future prospects. Journal of Dairy Research, 2022, 89, 3-12.	1.4	11
3	Filgrastim (râ€metâ€hu Gâ€CSF) enhances the efficiency of spermatogenesis in prepubertal Bos indicus bulls. Reproduction in Domestic Animals, 2022, 57, 438-443.	1.4	0
4	Genomic Analysis, Progress and Future Perspectives in Dairy Cattle Selection: A Review. Animals, 2021, 11, 599.	2.3	26
5	Genomic Evaluation of Primiparous High-Producing Dairy Cows: Inbreeding Effects on Genotypic and Phenotypic Productionâ€“Reproductive Traits. Animals, 2020, 10, 1704.	2.3	10
6	Differential role of r-met-hu G-CSF on male reproductive function and development in prepubertal domestic mammals. PLoS ONE, 2019, 14, e0222871.	2.5	3
7	Sperm kinematics and subpopulational responses during the cryopreservation process in caprine ejaculates. Cryobiology, 2018, 82, 137-147.	0.7	11
8	Active immunization against GnRH in pre-pubertal domestic mammals: testicular morphometry, histopathology and endocrine responses in rabbits, guinea pigs and ram lambs. Animal, 2018, 12, 784-793.	3.3	8
9	Temporally differential protein expression of glycolytic and glycogenic enzymes during in vitro preimplantation bovine embryo development. Reproduction, Fertility and Development, 2018, 30, 1245.	0.4	10
10	Prion protein 2 (dublet) gene (PRND): role in ovine semen capacitation, cryopreservation and fertility. Reproduction, Fertility and Development, 2017, 29, 985.	0.4	8
11	Inmunizacion activa anti-GnRH en ovino (Ovis aries): morfometrÃa testicular, histopatologÃa y respuesta endocrina en corderos prepÃºberes. Spermova, 2017, 1, 32-36.	0.1	0
12	DinÃ¡micas espermÃ¡ticas subpoblacionales durante el proceso de criopreservaciÃ³n en eyaculados de caprino (Capra aegagrus hircus). Spermova, 2017, 1, 61-66.	0.1	0
13	EFECTO DE LA APLICACIÃ“N DEL FACTOR ESTIMULANTE DE COLONIAS DE GRANULOCITOS RECOMBINANTE HUMANO (r-met-hu G-CSF) EN EL DESARROLLO SEXUAL DE CORDEROS PREPÃšBERES. Spermova, 2017, 7, 93-99.	0.1	1
14	Sperm subpopulations in avian species: a comparative study between the rooster (Gallus domesticus) and Guinea fowl (Numida meleagris). Asian Journal of Andrology, 2016, 18, 889.	1.6	16
15	Sperm Morphology Assessment in Captive Neotropical Primates. Reproduction in Domestic Animals, 2016, 51, 623-627.	1.4	7
16	Normozoospermic versus teratozoospermic domestic cats: differential testicular volume, sperm morphometry, and subpopulation structure during epididymal maturation. Asian Journal of Andrology, 2016, 18, 871.	1.6	20
17	AplicaciÃ³n intrauterina de flavonoides en vacas lecheras puerperales: involuciÃ³n del tracto reproductivo y fertilidad en ambientes de altitud elevada. Spermova, 2016, 2, 128-132.	0.1	0
18	AplicaciÃ³n de GnRh exÃ³gena post-IATF y su efecto en los niveles sÃ©ricos de progesterona y tasa de gestaciÃ³n en vacas lecheras primiparas en ambientes de altitud elevada. Spermova, 2016, 2, 148-152.	0.1	0

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19	Sperm volumetric dynamics during in vitro capacitation process in bovine spermatozoa. Animal, 2015, 9, 1016-1024.	3.3	6
20	Comparative study of sperm washing and selection methods after cryopreservation and its influence on sperm subpopulational structure in a bovine model. Systems Biology in Reproductive Medicine, 2014, 60, 338-347.	2.1	11
21	Sperm morphometry: a tool for detecting biophysical changes associated with viability in cryopreserved bovine spermatozoa. Andrologia, 2014, 46, 820-822.	2.1	13
22	Identification of sperm head subpopulations with defined pleiomorphic characteristics in ejaculates of captive Goeldi's monkeys (Callimico goeldii). Animal Reproduction Science, 2013, 137, 93-102.	1.5	14
23	Differential distribution of sperm subpopulations and incidence of pleiomorphisms in ejaculates of captive howling monkeys (Alouatta caraya). Die Naturwissenschaften, 2013, 100, 923-933.	1.6	5
24	Differential glycolytic and glycogenogenic transduction pathways in male and female bovine embryos produced in vitro. Reproduction, Fertility and Development, 2012, 24, 344.	0.4	21
25	Endometrial response of beef heifers on day 7 following insemination to supraphysiological concentrations of progesterone associated with superovulation. Physiological Genomics, 2012, 44, 1107-1115.	2.3	21
26	Seasonal dynamics of sperm morphometric subpopulations and its association with sperm quality parameters in ram ejaculates. Theriogenology, 2012, 78, 528-541.	2.1	33
27	Sperm head morphometry in ejaculates of adult marmosets (Callithrix jacchus): A model for studying sperm subpopulations and among-donor variations. Theriogenology, 2012, 78, 1152-1165.	2.1	22
28	Head morphometric changes in cryopreserved ram spermatozoa are related to sexual maturity. Theriogenology, 2011, 75, 473-481.	2.1	25
29	Sperm morphometric subpopulations are differentially distributed in rams with different maturity age in cryopreserved ejaculates. Theriogenology, 2011, 76, 97-109.	2.1	35
30	Expression, Regulation, and Function of Progesterone Receptors in Bovine Cumulus Oocyte Complexes During In Vitro Maturation1. Biology of Reproduction, 2011, 84, 910-921.	2.7	97
31	258 ROLE OF PROGESTERONE AND ITS RECEPTORS ON DEVELOPMENTAL COMPETENCE OF OOCYTES IN CATTLE. Reproduction, Fertility and Development, 2011, 23, 227.	0.4	0
32	103 TRANSDUCTION PATHWAYS RELATED TO GLUCOSE METABOLISM IN MALE AND FEMALE BOVINE EMBRYOS PRODUCED IN VITRO. Reproduction, Fertility and Development, 2011, 23, 157.	0.4	0
33	Effect of Superovulation on Circulating Progesterone Concentrations and Endometrial Gene Expression in Cattle.. Biology of Reproduction, 2011, 85, 364-364.	2.7	0
34	Intrafollicular testosterone concentration and sex ratio in individually cultured bovine embryos. Reproduction, Fertility and Development, 2010, 22, 533.	0.4	19
35	Identification and regulation of glycogen synthase kinase-3 during bovine embryo development. Reproduction, 2010, 140, 83-92.	2.6	42
36	Incidence of chromosomal abnormalities in bovine blastocysts derived from unsorted and sex-sorted spermatozoa. Reproduction, Fertility and Development, 2010, 22, 1272.	0.4	11

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37	367 INCIDENCE OF CHROMOSOMAL ABNORMALITIES IN MALE AND FEMALE BOVINE EMBRYOS DERIVED FROM SEX-SORTED SPERM. Reproduction, Fertility and Development, 2010, 22, 340.	0.4	0
38	Morphometry of porcine spermatozoa and its functional significance in relation with the motility parameters in fresh semen. Theriogenology, 2009, 71, 254-263.	2.1	71
39	Morphometric changes in boar spermatozoa induced by cryopreservation. Journal of Developmental and Physical Disabilities, 2008, 31, 490-498.	3.6	30
40	Porcine sperm motility is regulated by serine phosphorylation of the glycogen synthase kinase-3Î±. Reproduction, 2007, 134, 435-444.	2.6	59
41	Phosphatidylinositol 3-kinase pathway regulates sperm viability but not capacitation on boar spermatozoa. Molecular Reproduction and Development, 2007, 74, 1035-1042.	2.0	29
42	Standardization of sample preparation, staining and sampling methods for automated sperm head morphometry analysis of boar spermatozoa. Journal of Developmental and Physical Disabilities, 2006, 29, 553-563.	3.6	37
43	Changes in tyrosine phosphorylation associated with true capacitation and capacitation-like state in boar spermatozoa. Molecular Reproduction and Development, 2005, 71, 88-96.	2.0	68
44	Inhibition of phosphatidylinositol 3-kinase modifies boar sperm motion parameters. Reproduction, 2005, 129, 283-289.	2.6	42
45	Boar sperm velocity and motility patterns under capacitating and non-capacitating incubation conditions. Theriogenology, 2005, 63, 795-805.	2.1	47
46	Identification of Sperm Morphometric Subpopulations in Two Different Portions of the Boar Ejaculate and Its Relation to Postthaw Quality. Journal of Andrology, 2005, 26, 716-723.	2.0	105