

Manuel Garcia-Herreros

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,000
citations

393982

19
h-index

433756

31
g-index

47
all docs

47
docs citations

47
times ranked

976
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | Expression, Regulation, and Function of Progesterone Receptors in Bovine Cumulus Oocyte Complexes During In Vitro Maturation. <i>Biology of Reproduction</i> , 2011, 84, 910-921. | 1.2 | 97 |
| 3 | 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 |
| 4 | 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 |
| 5 | Porcine sperm motility is regulated by serine phosphorylation of the glycogen synthase kinase-3. <i>Reproduction</i> , 2007, 134, 435-444. | 1.1 | 59 |
| 6 | Boar sperm velocity and motility patterns under capacitating and non-capacitating incubation conditions. <i>Theriogenology</i> , 2005, 63, 795-805. | 0.9 | 47 |
| 7 | Inhibition of phosphatidylinositol 3-kinase modifies boar sperm motion parameters. <i>Reproduction</i> , 2005, 129, 283-289. | 1.1 | 42 |
| 8 | Identification and regulation of glycogen synthase kinase-3 during bovine embryo development. <i>Reproduction</i> , 2010, 140, 83-92. | 1.1 | 42 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | Morphometric changes in boar spermatozoa induced by cryopreservation. <i>Journal of Developmental and Physical Disabilities</i> , 2008, 31, 490-498. | 3.6 | 30 |
| 13 | 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 |
| 14 | Genomic Analysis, Progress and Future Perspectives in Dairy Cattle Selection: A Review. <i>Animals</i> , 2021, 11, 599. | 1.0 | 26 |
| 15 | Head morphometric changes in cryopreserved ram spermatozoa are related to sexual maturity. <i>Theriogenology</i> , 2011, 75, 473-481. | 0.9 | 25 |
| 16 | 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 |
| 17 | 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 |
| 18 | Endometrial response of beef heifers on day 7 following insemination to supraphysiological concentrations of progesterone associated with superovulation. <i>Physiological Genomics</i> , 2012, 44, 1107-1115. | 1.0 | 21 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | Intrafollicular testosterone concentration and sex ratio in individually cultured bovine embryos. <i>Reproduction, Fertility and Development</i> , 2010, 22, 533. | 0.1 | 19 |
| 21 | 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 |
| 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 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | Sperm kinematics and subpopulational responses during the cryopreservation process in caprine ejaculates. <i>Cryobiology</i> , 2018, 82, 137-147. | 0.3 | 11 |
| 27 | 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 |
| 28 | 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 |
| 29 | Genomic Evaluation of Primiparous High-Producing Dairy Cows: Inbreeding Effects on Genotypic and Phenotypic Production—Reproductive Traits. <i>Animals</i> , 2020, 10, 1704. | 1.0 | 10 |
| 30 | Prion protein 2 (duplet) gene (PRND): role in ovine semen capacitation, cryopreservation and fertility. <i>Reproduction, Fertility and Development</i> , 2017, 29, 985. | 0.1 | 8 |
| 31 | 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 |
| 32 | Sperm Morphology Assessment in Captive Neotropical Primates. <i>Reproduction in Domestic Animals</i> , 2016, 51, 623-627. | 0.6 | 7 |
| 33 | Sperm volumetric dynamics during in vitro capacitation process in bovine spermatozoa. <i>Animal</i> , 2015, 9, 1016-1024. | 1.3 | 6 |
| 34 | Effects of Extra-Long-Acting Recombinant Bovine FSH (bscrFSH) on Cattle Superovulation. <i>Animals</i> , 2022, 12, 153. | 1.0 | 6 |
| 35 | 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 |
| 36 | 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 |

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|----|---|-----|-----------|
| 37 | EFFECTO DE LA APLICACIÓN DEL FACTOR ESTIMULANTE DE COLONIAS DE GRANULOCITOS RECOMBINANTE HUMANO (r-met-hu G-CSF) EN EL DESARROLLO SEXUAL DE CORDEROS PREPÁBERES. Spermova, 2017, 7, 93-99. | 0.1 | 1 |
| 38 | 367 INCIDENCE OF CHROMOSOMAL ABNORMALITIES IN MALE AND FEMALE BOVINE EMBRYOS DERIVED FROM SEX-SORTED SPERM. Reproduction, Fertility and Development, 2010, 22, 340. | 0.1 | 0 |
| 39 | 258 ROLE OF PROGESTERONE AND ITS RECEPTORS ON DEVELOPMENTAL COMPETENCE OF OOCYTES IN CATTLE. Reproduction, Fertility and Development, 2011, 23, 227. | 0.1 | 0 |
| 40 | 103 TRANSDUCTION PATHWAYS RELATED TO GLUCOSE METABOLISM IN MALE AND FEMALE BOVINE EMBRYOS PRODUCED IN VITRO. Reproduction, Fertility and Development, 2011, 23, 157. | 0.1 | 0 |
| 41 | Effect of Superovulation on Circulating Progesterone Concentrations and Endometrial Gene Expression in Cattle.. Biology of Reproduction, 2011, 85, 364-364. | 1.2 | 0 |
| 42 | Aplicación intrauterina de flavonoides en vacas lecheras puerperales: involución del tracto reproductivo y fertilidad en ambientes de altitud elevada. Spermova, 2016, 2, 128-132. | 0.1 | 0 |
| 43 | 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. Spermova, 2016, 2, 148-152. | 0.1 | 0 |
| 44 | Inmunización activa anti-GnRH en ovino (Ovis aries): morfometría testicular, histopatología y respuesta endocrina en corderos prepáberes. Spermova, 2017, 1, 32-36. | 0.1 | 0 |
| 45 | Dinámicas espermáticas subpoblacionales durante el proceso de criopreservación en eyaculados de caprino (Capra aegagrus hircus). Spermova, 2017, 1, 61-66. | 0.1 | 0 |
| 46 | Filgrastim (recombinant human G-CSF) enhances the efficiency of spermatogenesis in prepubertal <i>Bos indicus</i> bulls. Reproduction in Domestic Animals, 2022, 57, 438-443. | 0.6 | 0 |