# Alejo Menchaca

## List of Publications by Year in Descending Order



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| 72 papers | 1,385 citations | 20 h-index | 36 g-index |
| 81 ext. papers | 1,593 ext. citations | 2 avg, IF | 4.73 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 72 | Effect of the addition of GnRH and a second prostaglandin F2α treatment on pregnancy per artificial insemination in lactating dairy cows submitted to an estradiol/progesterone-based timed-AI protocol. *Theriogenology*, **2022**, 188, 63-70 | 2.8 | |
| 71 | Generation of Double-Muscled Sheep and Goats by CRISPR/Cas9-Mediated Knockout of the Myostatin Gene. *Methods in Molecular Biology*, **2022**, 295-323 | 1.4 | 1 |
| 70 | Generation of a Human Deafness Sheep Model Using the CRISPR/Cas System. *Methods in Molecular Biology*, **2022**, 233-244 | 1.4 | 0 |
| 69 | Association between length of proestrus, follicular size, estrus behavior, and pregnancy rate in beef heifers subjected to fixed-time artificial insemination.. *Theriogenology*, **2021**, 181, 1-7 | 2.8 | |
| 68 | Estradiol cypionate administered at the end of a progesterone-based protocol for FTAI induces ovulation and improves postovulatory luteal function and uterine environment in anestrous beef cows. *Theriogenology*, **2021**, 162, 74-83 | 2.8 | 1 |
| 67 | Ovarian superstimulatory response and embryo development using a new recombinant glycoprotein with eCG-like activity in mice. *Theriogenology*, **2021**, 164, 31-35 | 2.8 | 4 |
| 66 | Sustainable Food Production: The Contribution of Genome Editing in Livestock. *Sustainability*, **2021**, 13, 6788 | 3.6 | 3 |
| 65 | Exogenous progestogens differentially alter gene expression of immature cumulus-oocyte complexes in sheep. *Domestic Animal Endocrinology*, **2021**, 74, 106518 | 2.3 | 2 |
| 64 | Effect of expression of estrus and treatment with GnRH on pregnancies per AI in beef cattle synchronized with an estradiol/progesterone-based protocol. *Theriogenology*, **2021**, 161, 294-300 | 2.8 | 4 |
| 63 | Estradiol cypionate treatment in suckling/weaning and estrous cycling/anestrous beef cows subjected to fixed-time artificial insemination. *Animal Reproduction Science*, **2021**, 233, 106839 | 2.1 | |
| 62 | CRISPR in livestock: From editing to printing. *Theriogenology*, **2020**, 150, 247-254 | 2.8 | 28 |
| 61 | Seventy years of progestagen treatments for management of the sheep oestrous cycle: where we are and where we should go. *Reproduction, Fertility and Development*, **2020**, 32, 441-452 | 1.8 | 20 |
| 60 | Effect of equine chorionic gonadotropin (eCG) administration and proestrus length on ovarian response, uterine functionality and pregnancy rate in beef heifers inseminated at a fixed-time. *Theriogenology*, **2020**, 151, 16-27 | 2.8 | 6 |
| 59 | Otoferlin gene editing in sheep via CRISPR-assisted ssODN-mediated Homology Directed Repair. *Scientific Reports*, **2020**, 10, 5995 | 4.9 | 10 |
| 58 | Colony aging affects the reproductive performance of Swiss Webster females used as recipients for embryo transfer. *Animal Reproduction*, **2020**, 17, e20200524 | 1.7 | |
| 57 | Cumulus cells during in vitro fertilization and oocyte vitrification in sheep: Remove, maintain or add?. *Cryobiology*, **2020**, 92, 161-167 | 2.7 | 3 |
| 56 | Long-Term Effect of Environmental Enrichment on Reproductive Performance of Swiss Webster Mice and Their Female Offspring. *Animals*, **2020**, 10, | 3.1 | 1 |

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| 55 | Exogenous progestogen does not affect first-wave follicle populations and oocyte quality during ovarian stimulation with FSH in sheep. *Domestic Animal Endocrinology*, **2020**, 72, 106369 | 2.3 | 1 |
| 54 | Local influence of the corpus luteum on the ipsilateral oviduct and early embryo development in the ewe. *Theriogenology*, **2020**, 151, 7-15 | 2.8 | 2 |
| 53 | Ovarian response is not affected by the stage of seasonal anestrus or breed of goats when using a progesterone injection plus human chorionic gonadotropin-based protocol. *Animal Reproduction Science*, **2019**, 204, 60-65 | 2.1 | 2 |
| 52 | Is prostaglandin F2 administration at the beginning of a progesterone and estradiol-based treatment for FTAI an effective strategy in Bos taurus heifers?. *Animal Reproduction Science*, **2019**, 210, 106201 | 2.1 | 0 |
| 51 | 7 Pregnancy rates in suckled beef cows synchronized with a shortened progesterone/oestradiol-based protocol (J-synch) and inseminated with conventional or sexed-sorted semen. *Reproduction, Fertility and Development*, **2019**, 31, 129 | 1.8 | 2 |
| 50 | Use of injectable progesterone and hCG for fixed-time artificial insemination during the non-breeding season in goats. *Theriogenology*, **2019**, 127, 21-25 | 2.8 | 7 |
| 49 | Equine chorionic gonadotropin administration after insemination affects luteal function and pregnancy establishment in postpartum anestrous beef cows. *Domestic Animal Endocrinology*, **2018** , 62, 24-31 | 2.3 | 1 |
| 48 | Pregnancy establishment and maintenance after the administration of equine chorionic gonadotropin (eCG) associated or not with gonadotropin-releasing hormone (GnRH) after insemination in sheep. *Animal Production Science*, **2018**, 58, 1802 | 1.4 | 3 |
| 47 | Minimum volume Spatula MVD vitrification method improves embryo survival compared to traditional slow freezing, both for in vivo and in vitro produced mice embryos. *Cryobiology*, **2018**, 84, 77-81 | 2.7 | 5 |
| 46 | Serum progesterone concentrations during FSH superstimulation of the first follicular wave affect embryo production in sheep. *Animal Reproduction Science*, **2018**, 196, 205-210 | 2.1 | 10 |
| 45 | Evolution of knowledge on ovarian physiology and its contribution to the widespread application of reproductive biotechnologies in South American cattle. *Animal Reproduction*, **2018**, 15, 1003-1014 | 1.7 | 10 |
| 44 | From reproductive technologies to genome editing in small ruminants: an embryo s journey. *Animal Reproduction*, **2018**, 15, 984-995 | 1.7 | 13 |
| 43 | Programs for fixed-time artificial insemination in South American beef cattle. *Animal Reproduction*, **2018**, 15, 952-962 | 1.7 | 15 |
| 42 | Effects of extending the length of pro-oestrus in an oestradiol- and progesterone-based oestrus synchronisation program on ovarian function, uterine environment and pregnancy establishment in beef heifers. *Reproduction, Fertility and Development*, **2018**, 30, 1541-1552 | 1.8 | 12 |
| 41 | Impact of delipidated estrous sheep serum supplementation on in vitro maturation, cryotolerance and endoplasmic reticulum stress gene expression of sheep oocytes. *PLoS ONE*, **2018**, 13, e0198742 | 3.7 | 11 |
| 40 | Oocyte developmental competence is improved by relatively greater circulating progesterone concentrations during preovulatory follicular growth. *Animal Reproduction Science*, **2018**, 195, 321-328 | 2.1 | 10 |
| 39 | Time of ovulation and pregnancy outcomes obtained with the prostaglandin-based protocol Synchrovine for FTAI in sheep. *Theriogenology*, **2017**, 90, 163-168 | 2.8 | 10 |
| 38 | Semen deposition by cervical, transcervical and intrauterine route for fixed-time artificial insemination (FTAI) in the ewe. *Theriogenology*, **2017**, 103, 30-35 | 2.8 | 18 |

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| 37 | Embryo survival and birth rate after minimum volume vitrification or slow freezing of in vivo and in vitro produced ovine embryos. *Cryobiology*, **2017**, 78, 8-14 | 2.7 | 18 |
| 36 | Reproductive Strategies for Goat Production in Adverse Environments **2017**, 71-88 | | |
| 35 | RAPID COMMUNICATION: Nerve growth factor influences cleavage rate and embryo development in sheep. *Journal of Animal Science*, **2016**, 94, 4447-4451 | 0.7 | 6 |
| 34 | Luteal response and follicular dynamics induced with equine chorionic gonadotropin (eCG) administration after insemination in sheep. *Small Ruminant Research*, **2016**, 136, 202-207 | 1.7 | 3 |
| 33 | Advances and limitations of in vitro embryo production in sheep and goats. *Animal Reproduction*, **2016**, 13, 273-278 | 1.7 | 19 |
| 32 | Alternative programs for synchronizing and resynchronizing ovulation in beef cattle. *Theriogenology*, **2016**, 86, 388-96 | 2.8 | 51 |
| 31 | New insights and current tools for genetically engineered (GE) sheep and goats. *Theriogenology*, **2016**, 86, 160-9 | 2.8 | 24 |
| 30 | Failure to establish and maintain a pregnancy in undernourished recipient ewes is associated with a poor endocrine milieu in the early luteal phase. *Animal Reproduction Science*, **2016**, 173, 80-6 | 2.1 | 5 |
| 29 | Administration of the nonsteroidal anti-inflammatory drug tolfenamic acid at embryo transfer improves maintenance of pregnancy and embryo survival in recipient mice. *Journal of Assisted Reproduction and Genetics*, **2015**, 32, 271-5 | 3.4 | 13 |
| 28 | Embryo development, fetal growth and postnatal phenotype of eGFP lambs generated by lentiviral transgenesis. *Transgenic Research*, **2015**, 24, 31-41 | 3.3 | 14 |
| 27 | Efficient Generation of Myostatin Knock-Out Sheep Using CRISPR/Cas9 Technology and Microinjection into Zygotes. *PLoS ONE*, **2015**, 10, e0136690 | 3.7 | 170 |
| 26 | Advances in the Generation of Genetically Modified (GM) Animal Models: Meeting report. *Transgenic Research*, **2015**, 24, 1087-90 | 3.3 | |
| 25 | Fertility obtained with different progestogen intravaginal devices using Short-term protocol for fixed-time artificial insemination (FTAI) in sheep. *Livestock Science*, **2015**, 182, 125-128 | 1.7 | 14 |
| 24 | Cryotolerance of Day 2 or Day 6 in vitro produced ovine embryos after vitrification by Cryotop or Spatula methods. *Cryobiology*, **2015**, 70, 17-22 | 2.7 | 13 |
| 23 | 7 PREGNANCY RATES IN BEEF HEIFERS SYNCHRONIZED WITH A SHORTENED OESTRADIOL-BASED TREATMENT THAT PROVIDES FOR A PROLONGED PROESTRUS. *Reproduction, Fertility and Development*, **2015**, 27, 96 | 1.8 | 3 |
| 22 | Ovulatory response and luteal function after eCG administration at the end of a progesterone and estradiolSbased treatment in postpartum anestrous beef cattle. *Animal Reproduction Science*, **2014**, 146, 111-6 | 2.1 | 28 |
| 21 | Ovarian responses and pregnancy rate with previously used intravaginal progesterone releasing devices for fixed-time artificial insemination in sheep. *Theriogenology*, **2013**, 79, 206-10 | 2.8 | 24 |
| 20 | Re-use of intravaginal progesterone devices associated with the Short-term Protocol for timed artificial insemination in goats. *Theriogenology*, **2011**, 75, 1195-200 | 2.8 | 37 |

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| 19 | Alternatives to improve a prostaglandin-based protocol for timed artificial insemination in sheep. *Theriogenology*, **2011**, 76, 1501-7 | 2.8 | 16 |
| 18 | 116 PREGNANCY RATES AFTER ADMINISTRATION OF EQUINE CHORIONIC GONADOTROPIN (eCG) AT PROGESTERONE INTRAVAGINAL DEVICE REMOVAL AND 14 DAYS AFTER FIXED-TIME AI IN BEEF CATTLE. *Reproduction, Fertility and Development*, **2011**, 23, 163 | 1.8 | 2 |
| 17 | New approaches to superovulation and embryo transfer in small ruminants. *Reproduction, Fertility and Development*, **2010**, 22, 113-8 | 1.8 | 49 |
| 16 | Serum progesterone concentrations, follicular development and time of ovulation using a new progesterone releasing device (DICO ) in sheep. *Small Ruminant Research*, **2010**, 91, 219-224 | 1.7 | 17 |
| 15 | Progesterone treatment, FSH plus eCG, GnRH administration, and Day 0 Protocol for MOET programs in sheep. *Theriogenology*, **2009**, 72, 477-83 | 2.8 | 34 |
| 14 | Pregnancy rate obtained with short-term protocol for timed artificial insemination in goats. *Reproduction in Domestic Animals*, **2007**, 42, 590-3 | 1.6 | 25 |
| 13 | Social dominance of female dairy goats and response to oestrous synchronisation and superovulatory treatments. *Applied Animal Behaviour Science*, **2007**, 105, 115-121 | 2.2 | 6 |
| 12 | Day 0 protocol: superstimulatory treatment initiated in the absence of a large follicle improves ovarian response and embryo yield in goats. *Theriogenology*, **2007**, 68, 1111-7 | 2.8 | 27 |
| 11 | Endocrine, luteal and follicular responses after the use of the short-term protocol to synchronize ovulation in goats. *Animal Reproduction Science*, **2007**, 102, 76-87 | 2.1 | 45 |
| 10 | New treatments associated with timed artificial insemination in small ruminants. *Reproduction, Fertility and Development*, **2004**, 16, 403 | 1.8 | 115 |
| 9 | Prostaglandin F2alpha treatment associated with timed artificial insemination in ewes. *Reproduction in Domestic Animals*, **2004**, 39, 352-5 | 1.6 | 34 |
| 8 | New treatments associated with timed artificial insemination in small ruminants. *Reproduction, Fertility and Development*, **2004**, 16, 403-13 | 1.8 | 15 |
| 7 | Response of the 1-5 day-aged ovine corpus luteum to prostaglandin F2alpha. *Animal Reproduction Science*, **2003**, 78, 47-55 | 2.1 | 59 |
| 6 | The pattern and manipulation of ovarian follicular growth in goats. *Animal Reproduction Science*, **2003**, 78, 271-87 | 2.1 | 81 |
| 5 | Relation between progesterone concentrations during the early luteal phase and follicular dynamics in goats. *Theriogenology*, **2002**, 57, 1411-9 | 2.8 | 53 |
| 4 | Follicular recruitment and ovulatory response to FSH treatment initiated on day 0 or day 3 postovulation in goats. *Theriogenology*, **2002**, 58, 1713-21 | 2.8 | 35 |
| 3 | Effect of high progesterone concentrations during the early luteal phase on the length of the ovulatory cycle of goats. *Animal Reproduction Science*, **2001**, 68, 69-76 | 2.1 | 25 |
| 2 | Ovarian dynamics, serum estradiol and progesterone concentrations during the interovulatory interval in goats. *Theriogenology*, **1999**, 52, 399-411 | 2.8 | 83 |

1 Ultrasonic study of follicular dynamics during the estrous cycle in goats. *Theriogenology*, **1998**, 49, 399 2.8 7