

GRUPO DE INVESTIGACIÓN: BIOFITER (31)

INDEXADAS (19)

Current status of the cryopreservation of embryogenic material of woody species

Ballesteros, Daniel; Martínez, María Teresa; Sánchez-Romero, Carolina; Montalbán, Itziar Aurora; **Sales, Ester**; Moncaleán, Paloma; Arrillaga, Isabel; Corredoira, Elena

FRONTIERS IN PLANT SCIENCE, vol. 14, pág. [20 pp.]

Factor de impacto WOS: 4.1

Physical separation and reduction of contact duration with sexually hyperactive bucks decrease testosterone concentrations and sexual behaviour in bucks in sexual rest

López-Magaña, N.; Tejada, L.M.; López-Magaña, D.; Hernández, H.; Flores, M.J.; Vielma, J.; **Abecia, J.A.**; Keller, M.; Chemineau, P.; Delgadillo, J.A.

ANIMAL, vol.18, nº 6, pág. 101179 [6 pp.]

Factor de impacto WOS: 4.0

Nutrient composition of beef from the pyrenees

Campo, M. M.; Vieira Romero, J.; Guerrero, A.; Bouzaida, M. D.; Resconi, V. C.; Tesniere, G.; **Santolaria, P.**; Olleta, J. L.

JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol. 133, pág. 106452 [9 pp.]

Factor de impacto WOS: 4.0

Zigzag persistence for image processing: New software and applications

Divasón, Jose; Romero, Ana; **Santolaria, Pilar**; Yániz, Jesús L.

PATTERN RECOGNITION LETTERS, vol. 184, pág. 111-118

Factor de impacto WOS: 3.9

MEK signalling pathway is required for hypoblast specification and migration in ovine

Martínez de los Reyes, Nuria; Flores-Borobia, Inés; **Carvajal-Serna, Melissa**; Marigorta, Pilar; Bermejo-Álvarez, Pablo; Ramos-Ibeas, Priscila

REPRODUCTION, vol. 167nº, 6

Factor de impacto WOS : 3.7

Exogenous melatonin ameliorates embryo-maternal cross-talk in early pregnancy in sheep

Viola, I., Sosa, C., Accornero, P., Manenti, I.; Canto, F.; Miretti, S.; Abecia, J.A., Toschi, P. Factor de impacto WOS : 3.7

Reproduction (Cambridge, England), 2024, 168(5) 10.1530/REP-24-0172

Analysis of Varroa Mite Colony Infestation Level Using New Open Software Based on Deep Learning Techniques

Divasón, Jose; Romero, Ana; Martínez-de-Pison, Francisco Javier; Casalongue, Matías; Silvestre, Miguel A.; **Santolaria, Pilar**; Yániz, Jesús L.

SENSORS, vol. 24, nº 12, pág. 3828

Factor de impacto WOS: 3.4

Microbiota analysis of ejaculated honey bee drone semen and the effect of semen collection method on bacterial loads

Yániz, Jesús; Toquet, Marion; **Santolaria, Pilar**; Silvestre, Miguel Ángel; Toledo-Perona, Raquel; Gómez-Martín, Ángel

Insects, vol.15, nº. 377 Factor de impacto WOS: 2.7

Hair from sexually active bucks strongly activates olfactory sensory inputs but fails to trigger early first ovulation in prepubescent does

Meunier, Maxime A.; Porte, Chantal; Vacher, Hélène; Trives, Elliott; Nakahara, Thiago S.; Trouillet, Anne-Charlotte; **Abecia, José A.**; Delgadillo, José A.; Chemineau, Philippe; Chamero, Pablo; Keller, Matthieu

PHYSIOLOGY AND BEHAVIOR, vol. 275, pág. 114451 [11 pp.]

Factor de impacto WOS: 2.4

Densitometric analysis of GnRH and IBA1 immunocytochemistry in the basal ventromedial hypothalamus of the ewe

Merchán, M.; Plaza, I.; Nieto, J.; Plaza, J.; Abecia, J.A.; Palacios, C. THERIOGENOLOGY, vol. 227, pág. 112-119

Factor de impacto WOS: 2.4

Using proximity loggers in studies of sheep behavior: an estimation of the daily frequency of water consumption

Abecia, José A.; Erden, Pelin; Canto, Francisco ANIMAL BIOTELEMETRY, vol. 12, pág 19 [7 pp.]

Factor de impacto WOS: 2.4

Proximate analysis and GC-MS phytochemical profiling of aqueous extracts of Doryopteris raddiana, a plant used by the Mbya-Guaraní as a contraceptive

Sánchez-Hernández, E.; Cáceres-González, C.; **Peña-Delgado, V.**; García-Valdecasas Medina, J. I.; **Casao, A.**; Valdez-Ayala, S.; **Pérez-Pe, R.**; Martín-Gil, J.; **Martín-Ramos, P.**

NATURAL PRODUCT RESEARCH

Factor de impacto WOS: 1.9

Genotyping of rams based on melatonin receptor 1A gene polymorphisms: a tool in sire selection?

Peña-Delgado, Victoria; Noya, Agustí; Carvajal-Serna, Melissa; Canto, Francisco; Sánchez, María Carmen; Letosa, Eva; Vicente, Antonio; Morato, Ignacio; Macías, Ángel; Abecia, José Alfonso; Casao, Adriana; Pérez-Pe, Rosaura

REPRODUCTION FERTILITY AND DEVELOPMENT, vol. 36, n° 9

Factor de impacto WOS: 1.8

Differential effect of melatonin on ram spermatozoa depending on the allelic variant of the Rsal polymorphism of the MTR1A gene, incubation medium and season

Peña-Delgado, Victoria; Noya, Agustí; Carvajal-Serna, Melissa; Abecia, José A.; Pérez-Pe, Rosaura; Casao, Adriana

REPRODUCTION FERTILITY AND DEVELOPMENT, vol. 36, n°, 10, pág. [12 pp.]

Factor de impacto WOS: 1.8

Genetic markers associated with beef quality: A review

Jakeline Vieira Romero, Jose Luis Olleta, Virginia Celia Resconi, **Pilar Santolaria,**

María del Mar Campo

Livestock Science 289 (2024) 105583 <https://doi.org/10.1016/j.livsci.2024.105583> Factor de impacto WOS: 1.8

Applied research note: comparison of the locomotor activity and circadian rhythm in 3 strains of laying hens as measured by tri-axial accelerometers

Abecia, J.A., Palacios, C., Plaza, J., Nieto, J., **Canto, F.** Journal of Applied Poultry Research, 2024, 33(4), 100475 Factor de impacto WOS: 1.6

Effects of melatonin implants in late gestation and at lambing on colostrum and milk quality of ewes, birth temperature and growth performance of their lambs

Canto, Francisco; Abecia, José A.

SMALL RUMINANT RESEARCH, vol. 232, pág 107210 [9 pp.]

Factor de impacto WOS: 1.6

Advances in photoperiodic and bio-stimulations of seasonal reproduction in small ruminants

Abecia, José Alfonso; Chemineau, Philippe; Delgadillo, José Alberto SMALL RUMINANT RESEARCH, vol. 235, pág. 107286 [9 pp.]

Factor de impacto WOS: 1.6

Wing morphometric analysis using smartphone images and a free MATLAB-based tool: a case study with Apis mellifera from the Balearic Islands

Angel-Beamonte, Ernesto; **Santolaria, Pilar**; Cortés-Calvo, Susana; Gonzalvo, Miriam; Muñoz Gabaldón, Irene; De la Rúa, Pilar; Espejo, Pablo; **Yániz, Jesús**

JOURNAL OF APICULTURAL RESEARCH

Factor de impacto WOS: 1.4

NO INDEXADAS (12)

Long Term Male Effect

Abecia, J.A., Chemineau, P., Delgadillo, J.A.

Encyclopedia of Livestock Medicine for Large Animal and Poultry Production, https://doi.org/10.1007/978-3-031-52133-1_214-1

Fertilidad de ovejas Churras ecológicas sin tratamientos hormonales empleando machos estimulados con exposición a días largos en primavera

Palacios, C; **AbeciaJA**

Revista Tierras, 2024, 3

Maîtrise de la reproduction saisonnière par l'effet mâle à long terme chez les petits ruminants

Chemineau, P., **Abecia, J.A.**, Delgadillo, J.A. Encyclopédie du Académie d'Agriculture de France: on line

Maîtrise de la reproduction saisonnière par l'effet mâle à court terme chez les petits ruminants

Chemineau, P., **Abecia, J.A.**, Delgadillo, J.A. Encyclopédie du Académie d'Agriculture de France: on line

Maîtrise de la reproduction par l'effet mâle sur mâle chez les petits ruminants.

Chemineau, P., **Abecia, J.A.**, Delgadillo, J.A. Encyclopédie du Académie d'Agriculture de France: on line

Exogenous melatonin: effects on lactation and colostrogenesis in small ruminant livestock

Canto, F. , Abecia, J.A.

Large Animal Review, 2024, 30(6), pp. 273–280 10.1016/j.japr.2024.100475

Return to anestrus, embryo losses and abortions as the main causes reducing the fertility of goats exposed to the male effect

Delgadillo J.A.; López-Magaña D.;Hernández H.;Vielma J.;Abecia J.A.

Tropical and Subtropical Agroecosystems 27, 1 January 2024 Article number 5041

10.56369/tsaes.5041

In vitro maintenance of drones and development of a new software for sperm quality analysis facilitate the study of honey bee reproductive quality

Jose Divasón, Ana Romero, **Pilar Santolaria**, Miguel A. Silvestre, **Jesús L. Yániz**

JOURNAL OF APICULTURAL RESEARCH, 63, 1088-1095

<https://doi.org/10.1080/00218839.2023.2231673>

Melatonin implants in late pregnancy increase yield and enhance milk quality in dairy goats

Francisco Canto, Victoria Peña-Delgado, Agustí Noya, Isabella Manenti, **Jose Alfonso Abecia**

Canadian Journal of Animal Science

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November

2024

<https://doi.org/10.1139/cjas-2023-0123>

Optimized heterologous in vitro fertilization with Iberian ibex sperm and domestic goat oocytes

Martínez de los Reyes, Nuria; **Carvajal-Serna, Melissa**; Flores-Borobia, Inés; Marigorta, Pilar; Peris-Frau, Patricia; Santiago-Moreno, Julián; Bermejo-Álvarez, Pablo; Ramos-Ibeas, Priscila

THERIOGENOLOGY WILD, vol. 4

Comparison of two tri-axial accelerometers for measuring locomotor activity in ewes and lambs

Abecia, José Alfonso; Aguerri, Carlos; Canto, Francisco

SMART AGRICULTURAL TECHNOLOGY, ,vol. 8, pág. 100496 [7 pp.]

Locomotor activity measured by actigraphy as a means of estimating social mixing and animal density-induced stress in lambs

Abecia, J.-A., Bello, J.-M., Marco, L., Viola, I., Canto, F., Miranda de la Lama, G Large Animal Review, 2024, 30(3), pp. 119–124
