

BIOFITER (Biología, Fisiología y Tecnologías de la Reproducción)

PUBLICACIONES INDEXADAS: 17

Effect of lean red meat from beef (Pirenaica breed) versus lean white meat consumption on diet quality: a randomized-controlled crossover study in healthy young adults. Miguel Berges, María Luisa; Fajó Pascual, Marta; Moreno, Luis A.; Campo, Marimar; Guerrero, Ana; Olleta, Jose Luis; **Santolaria Blasco, Pilar**; Santaliestra Pasías, Alba M.

Nutrients 13 [10 pp]

Factor de impacto WOS: 5.9

Factor de impacto SCOPUS (SJR): 1.291

Factor de impacto SCOPUS (CITESCORE): 9.0

Heat-priming during somatic embryogenesis increased resilience to drought stress in the generated maritime pine (Pinus pinaster) plants.

Pérez-Oliver, María Amparo; González-Mas, María del Carmen; Renau-Morata, Begoña; Arrillaga, Isabel; **Sales, Ester.**

Journal of Molecular Sciences 9299 [21 pp.]

Factor de impacto WOS: 5.6

Factor de impacto SCOPUS (SJR): 1.154

Factor de impacto SCOPUS (CITESCORE): 7.8

Use of Acheta domesticus meal as a full soybean substitute in the feeding of slow-growing chicks

Nieto, J.; Plaza, J.; Lara, J.; **Abecia, J. A.**; Revilla, I.; Palacios, C.

POULTRY SCIENCE 102503 [9 pp.]

Factor de impacto WOS: 4.4

Factor de impacto SCOPUS (SJR): 1.1

Factor de impacto SCOPUS (CITESCORE): 7.4

Understanding sperm quality for improved reproductive performance

Santolaria, Pilar; Rickard, Jessica P.; **Pérez-Pe, Rosaura**

Biology 980 [5 pp.]

Factor de impacto WOS: 4.2

Factor de impacto SCOPUS (SJR): 0.779

Factor de impacto SCOPUS (CITESCORE): 4.0

The importance of studying factors that affect the in vitro evaluation of semen quality to predict potential fertility in males.

Silvestre, Miguel Angel; Soler, Carles; Mocé, Eva; Roldan, Eduardo R. S.; **Yániz, Jesús L.**

Factor de impacto WOS: 4.2

Factor de impacto SCOPUS (SJR): 0.779

Factor de impacto SCOPUS (CITESCORE): 4.0

Bioinformatics approach for developing a minimum set of SNP markers for identification of temperate japonica rice varieties cultivated in Spain.

Sales, Ester; García-Romeral, Julia; Domingo, Concha

PLoS ONE e0286839 [12 pp]

Factor de impacto WOS: 3.7

Factor de impacto SCOPUS (SJR): 0.885

Factor de impacto SCOPUS (CITESCORE): 6.0

Male-induced early puberty correlates with the maturation of arcuate nucleus kisspeptin neurons in does Meunier.

Maxime A.; Porte, Chantal; Poissenot, Kévin; Vacher, Hélène; Brachet, Morgane; Chamero, Pablo; Beltramo, Massimiliano; **Abecia, José A.**; Delgadillo, José A.; Chemineau, Philippe; Keller, Matthieu.

JOURNAL OF NEUROENDOCRINOLOGY e13284 [12 pp.]

Factor de impacto WOS: 3.2

Factor de impacto SCOPUS (SJ): 0.928

Factor de impacto SCOPUS (CITESCORE): 6.7

Improvement of the seminal characteristics in rams using agri-food by-products rich in phytemelatonin.

Peña-Delgado, Victoria; Carvajal-Serna, Melissa; Fondevila, Manuel; Martín-Cabrejas, María A.; Aguilera, Yolanda; Álvarez-Rivera, Gerardo; **Abecia, José A.**; **Casao, Adriana**; **Pérez-Pe, Rosaura.**

Animals 905 [15 pp.]

Factor de impacto WOS: 3.0

Factor de impacto SCOPUS (SJ): 0.684

Factor de impacto SCOPUS (CITESCORE): 4.2

The effect of by-pass linseed oil supplementation on the maternal antioxidant system during the embryo-maternal recognition period in ewes.

Contreras-Solís, Ignacio; Pasciu, Valeria; Porcu, Cristian; Sotgiu, Francesca D.; Todorova, Neda; Baralla, Elena; Mara, Laura; Gallus, Marilia; Cabiddu, Andrea; Dattena, Maria; **Abecia, José Alfonso**; Berlinguer, Fiammetta.

Animals 2565 [14 pp.]

Factor de impacto WOS: 3.0

Factor de impacto SCOPUS (SJ): 0.684

Factor de impacto SCOPUS (CITESCORE): 4.2

In vitro approach points to a chemotactic effect of melatonin on ram spermatozoa.

Miguel-Jiménez, Sara; Borao, Sonia; Portolés-Bayod, Virginia; **Casao, Adriana**; **Pérez-Pe, Rosaura**

THERIOGENOLOGY 36-46

Factor de impacto WOS: 2.8

Factor de impacto SCOPUS (SJ): 0.764

Factor de impacto SCOPUS (CITESCORE): 5.6

Metabolic memory determines oviductal gene expression of underfed ewes during early gestation.

Fernández-Foren, A.; Sosa, C.; **Abecia, J.A.**; Meneses, C.; Meikle, A.

THERIOGENOLOGY 123-130

Factor de impacto WOS: 2.8

Factor de impacto SCOPUS (SJ): 0.764

Factor de impacto SCOPUS (CITESCORE): 5.6

The melatonin system is expressed in the ovine uterus: effect of the day of the oestrous cycle and undernutrition.

Sosa, C.; Laurenzana, E.; de Brun, V.; Meikle, A.; **Abecia, J. A.**

FERTILITY AND DEVELOPMENT REPRODUCTION 563-574

Factor de impacto WOS: 1.9

Factor de impacto SCOPUS (SJ): 0.377

Factor de impacto SCOPUS (CITESCORE): 3.0

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

Divasón, José; Romero, Ana; Silvestre, Miguel Á; **Santolaria, Pilar**; **Yániz, Jesús L.**

JOURNAL OF APICULTURAL RESEARCH 01-ago

Factor de impacto WOS: 1.9

Factor de impacto SCOPUS (SJ): 0.447

Factor de impacto SCOPUS (CITESCORE): 4.8

The Conquense transhumance route in Spain described by 3D geographical information systems, GPS and remote sensing data.

Plaza, Javier; **Abecia, José Alfonso**; Sánchez, Nilda; Ramo, María de los Ángeles; **Canto, Francisco**; Nieto, Jaime; Palacios, Carlos.

Small Ruminant Research 106953 [9 pp]

Factor de impacto WOS: 1.8

Factor de impacto SCOPUS (SJR): 0.473

Factor de impacto SCOPUS (CITESCORE): 3.2

Circadian, feeding, and locomotor activities of artificially reared lambs measured by actigraphy

Abecia, José A.; Canto, Francisco

JOURNAL OF APPLIED ANIMAL RESEARCH 234-241.

Factor de impacto WOS: 1.4

Factor de impacto SCOPUS (SJR): 0.427

Factor de impacto SCOPUS (CITESCORE): 2.9

Body temperature, heart rate, and locomotor activity measured by bio-loggers before and after a progestogen+eCG treatment for artificial insemination in sheep: effect of pregnancy.

Abecia, J. A.; Canto, F.; Plaza, J.; Palacios, C.

Animal Production Science 1376-1384

Factor de impacto WOS: 1.4.

Factor de impacto SCOPUS (SJR): 0.414

Factor de impacto SCOPUS (CITESCORE): 3.2

PUBLICACIONES NO INDEXADAS :13

Effect of melatonin and nitric oxide on capacitation and apoptotic changes induced by epidermal growth factor in ram sperm.

Miguel-Jiménez S, **Carvajal-Serna M, Peña-Delgado V, Casao A, Pérez-Pe R.**

Reprod Fertil Dev. 2023 Jan;35(3):282-293. doi: 10.1071/RD22146. PMID: 36403503.

Improvement of the Seminal Characteristics in Rams Using Agri-Food By-Products Rich in Phytomelatonin.

Peña-Delgado V, Carvajal-Serna M, Fondevila M, Martín-Cabrejas MA, Aguilera Y, Álvarez-Rivera G, **Abecia JA, Casao A, Pérez-Pe R.**

Animals (Basel). 2023 Mar 2;13(5):905. doi: 10.3390/ani13050905. PMID: 36899762; PMCID: PMC10000078.

La expresión de celo el día de la inseminación artificial mejora la tasa de preñez de las vacas nodrizas

Sanz A., López de Armentia L., Akesolo-Atutxa O., Ferrer J., Casasús I., **Noya A.** Tierras-Vacuno, Vol. 3, 48-51. 2023

Nuevas herramientas para optimizar el desarrollo y la selección de los futuros reproductores en vacuno de carne.

Noya A., Montori A., Beneded M., Vicente A., Echegaray A., Gil L., López de Armentia L., Akesolo-Atutxa O., Sanz Tierras-Vacuno, Vol. 2, 44-46. 2023

Effect of Strategic Supplementation of Dietary By-Pass Linseed Oil on Fertility and Milk Quality in Sarda Ewes.

Contreras-Solis, Ignacio; Porcu, Cristian; Sotgiu, Francesca D. D.; Chessa, Fabrizio; Pasciu, Valeria; Dattena, Maria; Caredda, Marco; **Abecia, Jose Alfonso**; Molle, Giovanni; Berlinguer, Fiammetta. 2023.. ANIMALS. 13 – 2

Rams sexually activated in spring by light treatment stimulate social and sexual activities in non-activated rams.

Palacios, Carlos; Martinez-Lopez, Alam A.; Campos-Marmolejo, Silvia A.; Plaza, Javier; Keller, Matthieu; Chemineau, Philippe; Delgadillo, Jose A.; **Abecia, Jose A.** 2023. JOURNAL OF VETERINARY BEHAVIOR-CLINICALAPPLICATIONS AND RESEARCH. 61, pp. 25 - 29.

Anatomy of hypothalamic and diencephalic nuclei involved in seasonal fertility regulation in ewes.

Merchan Jr, Miguel; Covenas, Rafael; Plaza, Ignacio; **Abecia, Jose Alfonso**; Palacios, Carlos. 2023. FRONTIERS IN VETERINARY SCIENCE. 10,

Effects of melatonin implants on locomotor activity, body temperature, and growth of lambs fed a concentrate-based diet.

Viola, Irene; **Canto, Francisco**; **Abecia, Jose A.** 2023. 2023. JOURNAL OF VETERINARY BEHAVIOR-CLINICAL APPLICATIONS AND RESEARCH. 68, pp. 24 – 31

El destete altera la frecuencia cardíaca de las vacas nodrizas de carne y la de sus crías.

Javier Plaza, Jaime Nieto, **Jose Alfonso Abecia**, **Francisco Canto**, Carlos Palacios RiocerezoTierras Vacuno, 2003/3.

Estudio de la variación de la fertilidad en función del método de estimulación reproductiva en ganado ovino de leche.

Palacios Riocerezo, Francisco Javier González, Javier Plaza, **Jose Alfonso Abecia**. Tierras 43 , November 2023

Las geotecnologías al servicio de la trashumancia.

Jose Alfonso Abecia, Javier Plaza, María de los Ángeles Ramo, Nilda Sánchez, Jaime Nieto, **Francisco Canto**, Carlos Palacios Riocerezo. Tierras Ovino 41, 2023.

Actigraphy at the service of behavioral studies in sheep.

Jose Alfonso Abecia, Francisco Canto.

Albeitar Mar-Abr 2023.

Bull Sperm SWATH-MS-Based Proteomics Reveals Link between High Fertility and Energy Production, Motility Structures, and Sperm–Oocyte Interaction

Gacem, Sabrina; Castello-Ruiz, María; Hidalgo, Carlos O.; Tamargo, Carolina; **Santolaria, Pilar**; Soler, Carles; **Yániz, Jesús L.**; Silvestre, Miguel A.. JOURNAL OF PROTEOME RESEARCH. 22 - 11, pp. 3607 - 3624. 2023. ISSN 1535-3893 DOI: 10.1021/acs.jproteome.3c00461