

Research outputs

Listing of Research outputs

Ingekuilde mengteelten van veldbonen en graan als alternatieve eiwitbron voor bio-leghennen? / Langendries, Karolien; Lourenço Ribeiro Alves, Marta; Sobry, Luk; Wambacq, Eva ; Latré, Joos.
3 p. CCBT - Biopraktijk. 2019.
Research output: Other contribution › Online publication - Web publication

Nutritional support and follow-up of a puppy with chronic kidney disease. / Dupont, Sofie; Maele, Isabel Van de; Lourenço, Marta; Hesta, Myriam.
Veterinary Record Case Reports. 2015. p. e000158 (Veterinary Record Case Reports; Vol. 3).
Research output: Chapter in Book/Report/Conference proceeding › Contribution to book/anthology

Effects of different inclusion levels of oil palm fronds on in vitro short chain fatty acid and methane productions, and on rumen biohydrogenation. / Hassim, H A; Lourenço, M; Goel, G; Goh, Y M; Fievez, V.
Communications in Agricultural and Applied Biological Sciences. Vol. 73 1. ed. 2008. p. 153-156.
Research output: Chapter in Book/Report/Conference proceeding › C1: Articles in proceedings

The action of xylansase in broilers depends on how the substrate is provided. / Khadem, Alireza; Lourenço Ribeiro Alves, Marta; Delezie, Evelyne; Maertens, Luc; Goderis, A.; Mombaerts, R.; Eeckhaut, Venessa; Van Immerseel, F; Janssens, GPJ.
Proceedings of the 21st European Symposium on Poultry Nutrition. Salou, 2017.
Research output: Chapter in Book/Report/Conference proceeding › C1: Articles in proceedings

Differences in extent of lipolysis in red or white clover and ryegrass silages in relation to polyphenol oxidase activity. / Lourenço, M; Van Ranst, G; Fievez, V.
Communications in Agricultural and Applied Biological Sciences. Vol. 70 2. ed. 2005. p. 169-172.
Research output: Chapter in Book/Report/Conference proceeding › C1: Articles in proceedings

Extraction solvents and sample storage conditions affect content, pattern and esterification of fatty acids in fresh grass. / Lourenço, M; Fievez, V.
Communications in Agricultural and Applied Biological Sciences. Vol. 69 2. ed. 2004. p. 175-178.
Research output: Chapter in Book/Report/Conference proceeding › C1: Articles in proceedings

Influence of the botanical composition of forages on rumen, milk and tissue fatty acid metabolism. / Lourenço, M; Raes, K; De Smet, S; Fievez, V.
Communications in Agricultural and Applied Biological Sciences. Vol. 71 1. ed. 2006. p. 37-40.
Research output: Chapter in Book/Report/Conference proceeding › C1: Articles in proceedings

Rumen and milk fatty acid pattern when feeding forages from intensively managed or semi-natural grasslands. / Lourenço, M; Vlaeminck, B; Bruinenberg, M H; Demeyer, D; Fievez, V.
Communications in Agricultural and Applied Biological Sciences. Vol. 69 2. ed. 2004. p. 179-182.
Research output: Chapter in Book/Report/Conference proceeding › C1: Articles in proceedings

Correlation among viscosity of feed, viscosity of small intestinal content and broiler performance. / Mombaerts, Ronny; Goderis, A.; Delezie, Evelyne; Khadem, Alireza; Janssens, Geert; Lourenço Ribeiro Alves, Marta.
Proceedings of the 21st European Symposium on Poultry Nutrition. Vol. 21 Salou, 2017.
Research output: Chapter in Book/Report/Conference proceeding › C1: Articles in proceedings

Medium-chain fatty acids from coconut oil or krabok oil to reduce in vitro rumen methanogenesis. / Panyakaew, Paiwan; Goel, Gunjan; Lourenço Ribeiro Alves, Marta; Yuangklang, Chalermpon; Fievez, Veerle.
Communications in Agricultural and applied Biological Sciences. Vol. 73 1. ed. 2008. p. 189-192.
Research output: Chapter in Book/Report/Conference proceeding › C1: Articles in proceedings

Odd and branched chain fatty acids in rumen contents and milk of dairy cows fed forages from semi-natural grasslands. / Vlaeminck, B; Lourenço, M; Bruinenberg, M; Demeyer, D; Fievez, V.
Communications in Agricultural and Applied Biological Sciences. Vol. 69 2. ed. 2004. p. 337-340.
Research output: Chapter in Book/Report/Conference proceeding › C1: Articles in proceedings

Chestnut tannins in laying hen feed and their effect on metabolism during the laying peak. / Buyse, Kobe; Wegge, Beatrice; Delezie, Evelyne; Janssens, Geert; Lourenço Ribeiro Alves, Marta.
Proceedings of the XVIII European Symposium on Egg and Meat Quality. 2019.
Research output: Chapter in Book/Report/Conference proceeding › C3: Conference Abstract

Performance, carcass and meat quality of slow-growing broilers fed different energy and crude protein levels. / Delezie, Evelyne; Leleu, Saskia; Lourenço Ribeiro Alves, Marta.
Proceedings of 22nd European Symposium on Poultry Nutrition . 2019.
Research output: Chapter in Book/Report/Conference proceeding › C3: Conference Abstract

Dose response of a phytase on (phytate) phosphorus, protein and ash digestibility and bone ash in broilers. / Leleu, Saskia; Delezie, Evelyne; Lourenço Ribeiro Alves, Marta; Nollet, Lode .
Proceedings of the 22nd European Symposium on Poultry Nutrition . 2019.
Research output: Chapter in Book/Report/Conference proceeding › C3: Conference Abstract

Dose response of a phytase on phosphorus, protein and ash digestibility and bone ash in broilers. / Leleu, Saskia; Delezie, Evelyne; Lourenço Ribeiro Alves, Marta; Nollet, Lode.
Proceedings of the XVIII European symposium on Egg and Meat quality . 2019.
Research output: Chapter in Book/Report/Conference proceeding › C3: Conference Abstract

Effect of butyrate and/or tannin extract on the consequences, namely the production results, of a coccidiostatic or a vaccination against coccidiosis in male broilers. / Leleu, Saskia; Wegge, Beatrice; Goethals, Luc; Lourenço Ribeiro Alves, Marta; Delezie, Evelyne.
Proceedings of the 12th World Conference on Animal Production . 2018.
Research output: Chapter in Book/Report/Conference proceeding › C3: Conference Abstract

Effect of hydrolysable tannins on protein and energy efficiency in laying hens. / Lourenço Ribeiro Alves, Marta; Buyse, Kobe; Wegge, Beatrice; Goethals, Luc; Janssens, Geert; Delezie, Evelyne.
Proceedings of the 6th International Symposium on Energy and Protein Metabolism. Belo Horizonte, 2019.
Research output: Chapter in Book/Report/Conference proceeding › C3: Conference Abstract

Ensiling of mixed forages of beans and grains as feed for organically raised laying hens. / Lourenço Ribeiro Alves, Marta; Delezie, Evelyne; Sobry, Luk; Latre, Joos.
The XVth European Poultry Conference: Conference Information and proceedings. Zagreb, Croatia, 2018. p. 380.
Research output: Chapter in Book/Report/Conference proceeding › C3: Conference Abstract

Silage as a novel feed ingredient for Poultry? / Lourenço Ribeiro Alves, Marta; Delezie, Evelyne; Van Poucke, Christof; Sobry, L; Wambacq, E.; Latré, Joost.
Proceedings of the 22nd European Symposium on Poultry Nutrition . 2019.
Research output: Chapter in Book/Report/Conference proceeding › C3: Conference Abstract

Fatty acid composition, conjugated linoleic acid isomers and cholesterol in beef from crossbred bullocks intensively produced and from Alentejana purebred bullocks reared according to Carnalentejana-PDO specifications. / Alfaia, C M M; Ribeiro, V S S; Lourenço, M R A; Quaresma, M A G; Martins, S I V; Portugal, A P V; Fontes, C M G A; Bessa, R J B; Castro, M L F; Prates, J A M.
In: Meat science, Vol. 72, No. 3, 2006, p. 425-36.
Research output: Contribution to journal › A1: Web of Science-article

Effects of previous diet and duration of soybean oil supplementation on light lambs carcass composition, meat quality and fatty acid composition. / Bessa, R. J.B.; Lourenço, M.; Portugal, P. V.; Santos-Silva, J.

In: Meat science, Vol. 80, No. 4, 12.2008, p. 1100-1105.

Research output: Contribution to journal › A1: Web of Science-article

The metabolic response in fish to mildly elevated water temperature relates to species-dependent muscular concentrations of imidazole compounds and free amino acids. / Geda, Fikremariam; Declercq, Annelies M.; Remø, Sofie C.; Waagbø, Rune; Lourenço, Marta; Janssens, Geert P.J.

In: Journal of Thermal Biology, Vol. 65, 01.04.2017, p. 57-63.

Research output: Contribution to journal › A1: Web of Science-article

Dietary inclusion of oil palm fronds does not change n-6 nor n-3 content of lamb tissue. / Hassim, H. A.; Lourenço, M.; Goh, Y. M.; De Smet, S.; Fievez, V.

In: Small Ruminant Research, Vol. 112, No. 1-3, 05.2013, p. 69-72.

Research output: Contribution to journal › A1: Web of Science-article

Effect of different inclusion levels of oil palm fronds on in vitro rumen fermentation pattern, fatty acid metabolism and apparent biohydrogenation of linoleic and linolenic acid. / Hassim, H. A.; Lourenço, M.; Goel, G.; Vlaeminck, B.; Goh, Y. M.; Fievez, V.

In: Animal Feed Science and Technology, Vol. 162, No. 3-4, 22.12.2010, p. 155-158.

Research output: Contribution to journal › A1: Web of Science-article

Rumen degradation of oil palm fronds is improved through pre-digestion with white rot fungi but not through supplementation with yeast or enzymes. / Hassim, H. A.; Lourenço, M.; Goh, Y. M.; Baars, J. J. P.; Fievez, V.

In: Canadian Journal of Animal Science, Vol. 92, No. 1, 03.2012, p. 79-87.

Research output: Contribution to journal › A1: Web of Science-article

Comparing two techniques for viscosity measurements in poultry feedstuffs : does it render similar conclusions? /

Khadem, Alireza; Lourenço, Marta; Delezie, Evelyne; Maertens, Luc; Goderis, Anne; Mombaerts, Ronny; Janssens, Geert P. J.

In: Poultry science, Vol. 97, No. 9, 01.09.2018, p. 3138-3148.

Research output: Contribution to journal › A1: Web of Science-article

Corrigendum to "Comparing two techniques for viscosity measurements in poultry feedstuffs: does it render similar conclusions?". / Khadem, Alireza; Lourenço, Marta; Delezie, Evelyne; Maertens, Luc; Goderis, Anne; Mombaerts, Ronny; Janssens, Geert P. J.

In: Poultry Science, Vol. 98, No. 3, 03.2019, p. 1557.

Research output: Contribution to journal › A1: Web of Science-article

Does release of encapsulated nutrients have an important role in the efficacy of xylanase in broilers? / Khadem, A.; Lourenço, M.; Delezie, E.; Maertens, L.; Goderis, A.; Mombaerts, R.; Höfte, M.; Eeckhaut, V.; Van Immerseel, F.; Janssens, G. P. J.

In: Poultry science, Vol. 95, No. 5, 2016, p. 1066-1076.

Research output: Contribution to journal › A1: Web of Science-article

Effect of combined ensiling of sorghum and soybean with or without molasses and lactobacilli on silage quality and in vitro rumen fermentation. / Lima, R.; Lourenço, M.; Díaz, R. F.; Castro, A.; Fievez, V.

In: Animal Feed Science and Technology, Vol. 155, No. 2-4, 10.02.2010, p. 122-131.

Research output: Contribution to journal › A1: Web of Science-article

Effects of saponins, quercetin, eugenol, and cinnamaldehyde on fatty acid biohydrogenation of forage polyunsaturated fatty acids in dual-flow continuous culture fermenters. / Lourenco, M.; Cardozo, P. W.; Calsamiglia, S.; Fievez, V.

In: Journal of Animal Science, Vol. 86, No. 11, 11.2008, p. 3045-3053.

Research output: Contribution to journal › A1: Web of Science-article

Milk fatty acid composition and associated rumen lipolysis and fatty acid hydrogenation when feeding forages from intensively managed or semi-natural grasslands. / Lourenco, M.; Vlaeminck, B.; Bruinenberg, M.; Demeyer, D.; Fievez, V.

In: Animal Research, Vol. 54, No. 6, 2005, p. 471-484.

Research output: Contribution to journal › A1: Web of Science-article

Effect of botanical composition of silages on rumen fatty acid metabolism and fatty acid composition in longissimus muscle and subcutaneous fat of lambs. / Lourenço, M.; De Smet, S.; Raes, K.; Fievez, V.

In: *Animal*, Vol. 1, No. 6, 19.07.2007, p. 911-921.

Research output: Contribution to journal › A1: Web of Science-article

Effect of grazing pastures with different botanical composition by lambs on rumen fatty acid metabolism and fatty acid pattern of longissimus muscle and subcutaneous fat. / Lourenço, M.; Van Ranst, G.; De Smet, S.; Raes, K.; Fievez, V.

In: *Animal*, Vol. 1, No. 4, 20.05.2007, p. 537-545.

Research output: Contribution to journal › A1: Web of Science-article

Influence of different dietary forages on the fatty acid composition of rumen digesta as well as ruminant meat and milk. /

Lourenço, M.; Van Ranst, G.; Vlaeminck, B.; De Smet, S.; Fievez, V.

In: *Animal Feed Science and Technology*, Vol. 145, No. 1-4, 14.08.2008, p. 418-437.

Research output: Contribution to journal › A1: Web of Science-article

The role of microbes in rumen lipolysis and biohydrogenation and their manipulation. / Lourenço, M.; Ramos-Morales, E.; Wallace, R. J.

In: *Animal*, Vol. 4, No. 7, 23.07.2010, p. 1008-1023.

Research output: Contribution to journal › A1: Web of Science-article

Effect of grazing pastures of different botanical composition on antioxidant enzyme activities and oxidative stability of lamb meat. / Petron, M J; Raes, K; Claeys, E; Lourenco, M; Fremaut, D; De Smet, S.

In: *Meat science*, 2007, p. 737-745.

Research output: Contribution to journal › A1: Web of Science-article

Improving ruminal degradability of oil palm fronds using white rot fungi. / Rahman, M. M.; Lourenço, M.; Hassim, H. A.;

Baars, J. J.P.; Sonnenberg, A. S.M.; Cone, J. W.; De Boever, J.; Fievez, V.

In: *Animal Feed Science and Technology*, Vol. 169, No. 3-4, 03.11.2011, p. 157-166.

Research output: Contribution to journal › A1: Web of Science-article

Dietary supplementation of microencapsulated sodium butyrate in healthy horses: effect on gut histology and immunohistochemistry parameters. / Wambacq, Wendy; van Doorn, David; Rovers-Paap, P; Ducatelle, Richard; Vlaeminck, Lieven; Lourenço Ribeiro Alves, Marta; Hesta, Myriam.

In: *BMC Veterinary Research*, Vol. 16, No. 121, <https://doi.org/10.1186/s12917-020-02332-4>, 2020.

Research output: Contribution to journal › A1: Web of Science-article

Does canine inflammatory bowel disease influence gut microbial profile and host metabolism? / Xu, Jia; Verbrugghe, Adronie; Lourenço, Marta; Janssens, Geert P J; Liu, Daisy J X; Van de Wiele, Tom; Eeckhaut, Venessa; Van Immerseel, Filip; Van de Maele, Isabel; Niu, Yufeng; Bosch, Guido; Junius, Greet; Wuyts, Brigitte; Hesta, Myriam.

In: *BMC Veterinary Research*, Vol. 12, No. 1, 16.06.2016, p. 114.

Research output: Contribution to journal › A1: Web of Science-article

The response of canine faecal microbiota to increased dietary protein is influenced by body condition. / Xu, Jia; Verbrugghe, Adronie; Lourenço, Marta; Cools, An; Liu, Daisy J X; Van de Wiele, Tom; Marzorati, Massimo; Eeckhaut, Venessa; Van Immerseel, Filip; Vanhaecke, Lynn; Campos, Miguel; Hesta, Myriam.

In: *BMC Veterinary Research*, Vol. 13, No. 1, 04.12.2017, p. 374.

Research output: Contribution to journal › A1: Web of Science-article

Response to dietary tannin challenges in view of the browser/grazer dichotomy in an Ethiopian setting : Bonga sheep versus Kaffa goats. / Yisehak, Kechero; Kibreab, Yoseph; Taye, Tolemariam; Lourenço, Marta Ribeiro Alves; Janssens, Geert Paul Jules.

In: *Tropical Animal Health and Production*, Vol. 48, No. 1, 01.2016, p. 125-131.

Research output: Contribution to journal › A1: Web of Science-article

Nutritional quality of intramuscular fat in Carnalentejana-PDO beef. / Alfaia, C M M; Lourenço Ribeiro Alves, Marta; Quaresma, M A G; Martins, S I V; Portugal, A P V; Fontes, C M G A; Castro, M L F; Bessa, R J B; Prates, J A M.
In: Revista Portuguesa de Ciências Veterinárias, Vol. 102, 2007, p. 133-139.
Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3

Algen als alternatieve eiwitbron in pluimveevoeders? / Langendries, Karolien; Lourenço Ribeiro Alves, Marta; De Boever, Johan; Robbens, Johan; Pauwels, Louise.
In: Pluimvee, Vol. 54, No. 5, 05.2020, p. 28-30.
Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3

Ingekuilde mengteelt voor bio-kippen. / Langendries, Karolien; Lourenço Ribeiro Alves, Marta; Sobry, Luk; Wambacq, Eva; Latré, Joos.
In: Pluimveehouderij, Vol. 2019, No. 12, 05.09.2019, p. 26-27.
Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3

Mengteelten van veldbonen en graan als alternatieve eiwitbron voor bio-leghennen : Inkuilen reduceert sterk de anti-nutritionele factoren. / Langendries, Karolien; Sobry, Luk; Wambacq, Eva; Latré, Joos; Lourenço Ribeiro Alves, Marta.
In: Pluimvee, Vol. 53, No. 6, 06.2019, p. 22-23.
Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3

Veldbonnen, een waardevolle eiwitbron voor bioveehouders. / Sobry, Luk; Lourenço Ribeiro Alves, Marta.
In: Boer & Tuinder, 23.05.2019, p. 40-43.
Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3

Medium-chain fatty acids from coconut or krabok oil inhibit in vitro rumen methanogenesis and conversion of non-conjugated dienoic biohydrogenation intermediates. / Panyakaew, Paiwan; Goel, Gunjan; Lourenço, Marta; Yuangklang, Chalermpon; Fievez, Veerle.
In: Animal Feed Science and Technology, Vol. 180, No. 1-4, 15.03.2013, p. 18-25.
Research output: Contribution to journal › Article

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