Research outputs

Listing of Research outputs

The effect of prebiotics on apparent nutrient digestibility and some fecal odour parameters in dogs fed a diet with increased levels of animal derived protein sources. / Hesta, Myriam; Janssens, Geert; Debraekeleer, J; Millet, Sam; De Wilde, Roland.
Research output: Chapter in Book/Report/Conference proceeding › C1: Articles in proceedings

Clinoptilolite as an ammonia binder in pig slurry. / Janssens, G P; Debal, V; Hesta, M; Millet, Sam; De Wilde, R O.
Research output: Contribution to conference › C3: Conference - meeting abstract

Biologische vleesvarkensteelt: mogelijkheden en moeilijkheden. / Millet, Sam; Janssens, GPJ; Hesta, M.; De Wilde, R.
Research output: Contribution to journal › A3: National journal article with peer review, not included in A1 or A2

Prebiotics affect nutrient digestibility but not faecal ammonia in dogs fed increased dietary protein levels. / Hesta, M; Roosen, W; Janssens, G P J; Millet, Sam; De Wilde, R.
Research output: Contribution to journal › A1: Web of Science-article

The impact of prebiotics and salmonellosis on apparent nutrient digestibility and Salmonella typhimurium var. Copenhagen excretion in adult pigeons (Columba livia domestica). / Janssens, G P J; Millet, Sam; Van Immerzeel, F; De Buck, J; Hesta, M.
Research output: Contribution to journal › A1: Web of Science-article

Uroolithiasis in finishing pigs. / Maes, D G D; Vrielinck, J; Millet, Sam; Janssens, G P J; Deprez, P.
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Performance, meat and carcass traits of fattening pigs with organic versus conventional housing and nutrition. / Millet, Sam; Hesta, Myriam; Seynaeve, Marc; Ongenae, Ellen; De Smet, Stefaan; Debraekeleer, Jacques; Janssens, Geert.
Research output: Contribution to journal › A1: Web of Science-article

Factors affecting passing rate of digesta in the horse. / Van Weyenberg, Stephanie; Hesta, Myriam; Janssens, Geert; Millet, Sam.
Research output: Chapter in Book/Report/Conference proceeding › C1: Articles in proceedings

Evaluation of corn cob mix in organic finishing pig nutrition. / Millet, Sam; Raes, Katleen; De Smet, Stefaan; Janssens, Geert.
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Immunocompetence of fattening pigs fed organic versus conventional diets in organic versus conventional housing. / Millet, Sam; Cox, E; Buyse, J; Goddeeris, B M; Janssens, G P J.
Research output: Contribution to journal › A1: Web of Science-article
Performance and meat quality of organically versus conventionally fed and housed pigs from weaning till slaughtering. / Millet, Sam; Raes, K; Van den Broeck, W; De Smet, S; Janssens, G P J.  
Research output: Contribution to journal › A1: Web of Science-article

Welfare, performance and meat quality of fattening pigs in alternative housing and management systems: a review. / Millet, Sam; Moons, Christel; Van Oeckel, Monique; Janssens, Geert.  
Research output: Contribution to journal › A1: Web of Science-article

Effects of substitution between fat and protein on feed intake and its regulatory mechanisms in broiler chickens endocrine functioning and intermediary metabolism. / Swennen, Q; Janssens, G P J; Millet, Sam; Vansant, G; Decuyper, E; Buyse, J.  
Research output: Contribution to journal › A1: Web of Science-article

Evaluation of dry ashing in conjunction with ion chromatographic determination of transition metal ions in pig feed samples. / Van paemel, Marleen R; De Rycke, Herman; Millet, Sam; Hesta, Myriam; Janssens, Geert P J.  
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Immunocompetence in organically fed finishing pigs: effect of corn cob mix. / Millet, Sam; Cox, E; Van Paemel, M; Raes, K; Lobeau, M; De Saeger, S; De Smet, S; Goddeeris, B M; Janssens, G P J.  
Research output: Contribution to journal › A1: Web of Science-article

Lipid profile in eggs of Araucana hens compared with Lohmann Selected Leghorn and ISA Brown hens given diets with different fat sources. / Millet, Sam; De Ceulaer, K; Van Paemel, M; Raes, K; De Smet, S; Janssens, G P J.  
Research output: Contribution to journal › A1: Web of Science-article

Short term supply of substrate for colonic fermentation does not affect faecal bacterial population of intact male pigs : 31st NVO Meeting. / Millet, Sam; Goris, J.; Van Oeckel, M.J.; Warnants, N.; Herman, L. 2006. 31ste Meeting Nederlandstalige Voedingsonderzoekers, Rotterdam, Belgium.  
Research output: Contribution to conference › C3: Conference - meeting abstract

The feeding of ad libitum dietary protein to organic growing-finishing pigs. / Millet, Sam; Ongenae, E; Hesta, M; Seynaeve, M; De Smet, S; Janssens, G P J.  
Research output: Contribution to journal › A1: Web of Science-article

Food allergy in dogs and cats: a review. / Verlinden, A; Hesta, M; Millet, Sam; Janssens, G P J.  
Research output: Contribution to journal › A1: Web of Science-article

Quantifying and comparing constitutive immunity across avian species. / Millet, Sam; Bennett, Jennie; Lee, Kelly A; Hau, Michaela; Klausing, Kirk C.  
In: Developmental and Comparative Immunology, Vol. 31, No. 2, 2007, p. 188-201.  
Research output: Contribution to journal › A1: Web of Science-article

Development and validation of a method for simultaneous analysis of the boar taint compounds indole, skatole and androstenone in pig fat using liquid chromatography-multiple mass spectrometry. / Verheyden, K; Noppe, H; Aluwé, M; Millet, Sam; Vanden Bussche, J; De Brabander, H F.  
Research output: Contribution to journal › A1: Web of Science-article
Onderzoek als hefboom voor rendabele varkenshouderij. / Millet, Sam; Van Meensel, Jef.
2011.
Research output: Other contribution › Online publication - Web publication

The European ban on antibiotic growth promoters in animal feed: from challenges to opportunities. / Millet, Sam; Maertens, Luc.
Research output: Contribution to journal › Editorial

Effect of information provisioning on attitude toward surgical castration of male piglets and alternative strategies for avoiding boar taint. / Tuyttens, Frank A M; Vanhonacker, Filiep; Langendries, Karolien; Aluwé, Marijke; Millet, Sam; Bekerra, Karen; Verbeke, Wim.
Research output: Contribution to journal › A1: Web of Science-article

Doodgeboren biggen en uitval bij de biggen op het moderne varkensbedrijf. / Tamara Vandersmissen, Willem Van Praet; Dominiek Maes, Ilse Declerck, Ruben Decaluwe; Bert Driessen, Jos Van Thielen; Geers, Ronny; Fremant, Dirk; Martens, Luc.
2012.
Research output: Book/Report › Report

Comparative on-farm study of alternatives for surgical castration of male pigs: consequences for boar taint and carcass quality. / Aluwé, Marijke; Millet, Sam; De Brabander, Daniël; Tuyttens, Frank.
Research output: Chapter in Book/Report/Conference proceeding › C3: Conference Abstract

Comparative on-farm study of alternatives for surgical castration of male pigs: consequences for boar taint and carcass quality. / Aluwé, Marijke; Millet, Sam; De Brabander, Daniël; Tuyttens, Frank.
Research output: Chapter in Book/Report/Conference proceeding › C3: Conference Abstract

Evaluation of various boar taint detection methods. / Aluwé, M.; Tuyttens, FAM; Bekerra, KM; De Smet, Stefaan; De Brabander, DL; Millet, S.
Research output: Contribution to journal › A1: Web of Science-article

Vergelijkende studie op praktijkbedrijven van alternatieven voor onverdoofd chirurgisch castreren van beerbiggen. / Aluwé, Marijke; Meirlelaan, Stefan; Van Meensel, Jef; Millet, Sam; Tuyttens, Frank.
Research output: Book/Report › Report

Predicting the likelihood of developing boar taint: Early physical indicators in entire male pigs. / Bekerra, K M; Aluwé, M; Millet, S; Goethals, K; Nijs, G; Isbaer, S; De Brabander, D L; Verheyden, K; De Brabander, H F; Vanhaecke, L; Tuyttens, F A M.
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An experimental Helicobacter suis infection causes gastritis and reduced daily weight gain in pigs. / De Bruyne, Ellen; Flahou, Bram; Chiers, Koen; Meyns, Tom; Kumar, Smitha; Vermoote, Miet; Pasmans, Frank; Millet, Sam; Dewulf, Jeroen; Haesebruck, Freddy; Ducatelle, Richard.
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Vetgehalte en vetzuursamenstelling van Belgisch vlees. / Fiems, Leo; Maertens, Luc; Millet, Sam.
Research output: Contribution to journal › A3: National journal article with peer review, not included in A1 or A2
Oral glutamine supplementation reduces helicobacter suis-related gastric pathologies in an experimental pig model. / De Bruyne, E.; Flahou, B.; Pasmans, F.; Smet, A.; Millet, Sam; Ducatelle, R.; Haesebrouck, F.
In: HELICOBACTER, Vol. 18, 01.09.2013, p. 147.
Research output: Contribution to journal » Conference abstract in journal

Farm-specific strategies for the reduction of boar taint. / Heyrman, Evert; Aluwé, Marijke; Millet, Sam; Tuyttens, Frank;
Janssens, Steven; Buys, Nadine; Vanhaecke, Lynn; Wauters, Jella.
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Girona, Spain.
Research output: Contribution to conference » Published abstract

A health monitoring system for growing-finishing pigs based on the individual feeding pattern using Radio Frequency
Identification and Synergistic Control. / Maselyne, Jarissa; Saeys, Wouter; Van Nuffel, Annelies; De Ketelaere, Bart;
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Compensatory growth after a period of amino acid restriction in finishing barrows. / Millet, Sam; Aluwé, Marijke.
Proceedings 17th European Society of Veterinary and Comparative Nutrition Congress. Ghent: European Society of
Veterinary and Comparative Nutrition, 2013, p. 66.
Research output: Chapter in Book/Report/Conference proceeding » C3: Conference Abstract

Effect of fatty acid composition of the sows' diet on selected immune parameters of the piglets after weaning. / Millet, Sam;
Tanghe, Sofie; Melkebeek, V.; De Smet, S.; Cox, E.
Proceedings 17th European Society of Veterinary and Comparative Nutrition Congress. Vol. 17 Ghent: European Society of
Veterinary and Comparative Nutrition, 2013, p. 66.
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Effect of increasing amounts of corn/wheat DDGS in the diet of growing-finishing pigs. / Millet, Sam; De Boever, Johan;
Teirlinck, Emma; Ampe, Bart; Fiems, Leonel; De Campeneere, Sam.
Book of Abstracts of the 64th Annual Meeting of the European Federation of Animal Science. Vol. 19 Nantes:
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Feeding value of condensed distillers solubles for growing-finishing pigs. / Millet, Sam; De Boever, Johan; Teirlinck,
Emma; Blok, Machiel; Fiems, Leonel; De Campeneere, Sam.
Book of Abstracts of the 64th Annual Meeting of the European Federation of Animal Science. Vol. 19 Nantes:
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Kennis van voeding als sleutel tot rendabel produceren. / Millet, Sam; Ampe, Bart; De Campeneere, Sam.
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Should n-3 polyunsaturated fatty acids be included in the feed of reproducing animals? / Millet, Sam; Delezie, Evelyne.
Research output: Contribution to journal » Editorial

Inter- and intra-observer repeatability of three locomotion scoring scales for sows. / Nalon, Elena; Van Dongen, S; Maes,
D; Van Riet, Miriam; Janssens, G.P.J.; Millet, Sam; Tuyttens, Frank.
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Passive mucosal immunisation with novel simplified IgA antibodies produced in seeds prevents enterotoxigenic Escherichia coli (ETEC) infection in weaned piglets. / Virdi, Vikram; Coddens, Annelies; Millet, Sam; De Buck, Sylvie; Goddeeris, Bruno; Cox, Eric; De Greve, Henri; Depicker, Anna.
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Detecting health problems of individual pigs based on their drinking behaviour. / Adriaens, Ines; Maselyne, Jarissa; Huybrechts, Tjebbe; De Ketelaere, Bart; Millet, Sam; Vangeyte, Jürgen; Van Nuffel, Annelies; Saeyts, Wouter.
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Effect of the time post second injection on performances, carcass quality and meat quality of immunocastrated male pigs. / Aluwé, Marijke; Degezelle, Isabelle; Fremaut, Dirk; Depuydt, Lies; Millet, Sam.
Research output: Chapter in Book/Report/Conference proceeding › C1: Articles in proceedings

Inclusion of chicory fructanes in the diet reduces skatole levels in fat. / Aluwé, Marijke; Heyrman, Evert; Millet, Sam; Sieland, Carolina; Theis, Stephan; Thurman, Karel.
Research output: Chapter in Book/Report/Conference proceeding › C1: Articles in proceedings

Incidence of lameness in sows housed in dynamic or static groups. / Bos, Emilie-Julie; Van Riet, Miriam; Maes, Dominiek; Millet, Sam; Ampe, Bart; Janssens, Geert; Tuyttens, Frank.
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Incidence of lameness in sows housed in dynamic or static groups at commercial farms. / Bos, Emilie-Julie; Van Riet, Miriam; Maes, Dominiek; Ampe, Bart; Janssens, Geert; Millet, Sam; Tuyttens, Frank.
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Kreupelheid bij zeugen in groepshuisvesting. / Bos, Emilie-Julie; Van Riet, Miriam; Millet, Sam; Ampe, Bart; Janssens, Geert; Maes, Dominiek; Tuyttens, Frank.
In: Vlaamse Dierenartsvereniging - VDV, No. 197, 05.2014, p. 36-38.
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Comparative digestibility of nutrients from bio-ethanol production by sheep and pigs. / De Boever, Johan; Millet, Sam; De Campeneere, Sam.
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The energy and protein value of wheat, maize and blend DDGS for cattle and evaluation of prediction models. / De Boever, Johan; Blok, Machiel; Millet, Sam; Vanacker, José; De Campeneere, Sam.
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Voederwaarde van DDGS en enkele andere bijproducten van de bio-ethanolwinning uit granen voor rundvee, varkens en pluimvee. / De Boever, Johan; Tanghe, Sofie; Vandaele, Leen; Delezie, Evelyn; Millet, Sam; Maertens, Luc; Leleu, Saskia; Teirlinck, Emma; De Brabander, Daniël; Fiems, Leonel; De Campeneere, Sam.
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Gescheiden afmesten kan de moeite waard zijn. / De Smet, Sarah; Relaes, Kelly; Millet, Sam.
In: De Drietand, No. 21, 06.06.2014, p. 18-21.
Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3

Gescheiden afmesten kan de moeite waard zijn. / De Smet, Sarah; Relaes, Kelly; Millet, Sam.
In: Management & Techniek, No. 12, 27.06.2014, p. 41-43.
Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3

Gescheiden afmesten kan de moeite waard zijn: Gunstigere voederconversie en betere karkaskwaliteit haalbaar. / De Smet, Sarah; Relaes, Kelly; Millet, Sam.
In: Landbouwleven, No. 2958, 06.07.2014, p. 16-17.
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Familiarity with boar taint and previous sample affect sensory perception of boar taint by human nose methodology. / Heyrman, Evert; Aluwé, Marijke; Millet, Sam; Tuyttens, Frank; Wauters, Jella; Vanhaucke, Lynn; Buys, Nadine; Janssens, Steven; Ampe, Bart.
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Association between methylation potential and nutrient metabolism throughout the sow reproductive cycle. / Langendries, Karolien; Millet, Sam; Van Riet, Miriam; Van Zelst, Bertrand; Wuyts, Birgit; Janssens, Geert.
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ILVO helpt bij bepalen optimaal slachtgewicht. / Leen, Frederik; Van Meensel, Jef; Van den Broeke, Alice; Millet, Sam.
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Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3

ILVO helpt optimaal slachtgewicht van vleesvarkens bepalen. / Leen, Frederik; Van Meensel, Jef; Van den Broeke, Alice; Millet, Sam.
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ILVO werkt aan rekenmodel voor optimaal slachtgewicht. / Leen, Frederik; Van Meensel, Jef; Van den Broeke, Alice; Millet, Sam.
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Development of an on-farm SowSIS (sow stance information system): hurdles to tackle. / Maselyne, Jarissa; Pluym, Liesbet; Vangeyte, Jürgen; Ampe, Bart; Millet, Sam; Tuyttens, Frank; Mertens, Koen; Van Nuffel, Annelies.
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How do fattening pigs spend their day? / Maselyne, Jarissa; Saeyes, Wouter; De Ketelaere, Bart; Briene, Petra; Millet, Sam; Tuyttens, Frank; Van Nuffel, Annelies.
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Implementation of a sow stance information system (SowSIS) in electronic sow feeders. / Maselyne, Jarissa; Pluym, Liesbet; Vangeyte, Jürgen; Ampe, Bart; Millet, Sam; Tuyttens, Frank; Mertens, Koen; Van Nuffel, Annelies.
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Research output: Chapter in Book/Report/Conference proceeding ▶ C1: Articles in proceedings

Validation of a High Frequency Radio Frequency Identification (HF RFID) system for registering feeding patterns of growing-finishing pigs. / Maselyne, Jarissa; Saeys, Wouter; De Ketelaere, Bart; Mertens, Kristof; Vangeyte, Jürgen; Hessel, Engel; Millet, Sam; Van Nuffel, Annelies.
Research output: Contribution to journal ▶ A1: Web of Science-article

Compensatory growth response and carcass quality after a period of lysine restriction in lean meat type barrows. / Millet, Sam; Aluwé, Marijke.
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Het gebruik van DDGS bij vleesvarkens. / Millet, Sam; Tanghe, Sofie; De Campeneere, Sam; De Boever, Johan.
In: Drietandmagazine, Vol. 17, 02.05.2014, p. 15-17.
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Comparison of the inter- and intra-observer repeatability of three gait-scoring scales for sows. / Nalon, E; Maes, D; Van Dongen, S; van Riet, M M J; Janssens, G P J; Millet, Sam; Tuyttens, F A M.
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De juiste beer op het juiste voeder? / Palmans, Sander; Janssens, Steven; Van Meensel, Jef; Millet, Sam.
In: Management & Techniek, No. 15, 09.2014, p. 10-12.
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De juiste beer op het juiste voeder? / Palmans, Sander; Janssens, Steven; Van Meensel, Jef; Millet, Sam.
In: De Drietand, No. 28, 05.09.2014, p. 20-23.
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De juiste beer voor elk bedrijf. / Palmans, Sander; Janssens, Steven; Merckx, Wouter; Millet, Sam; Van Meensel, Jef; Martens, Luc; Depuydt, Jürgen.
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The effect of feed concentration on performances in progeny of different Piétrain boars. / Palmans, Sander; Janssens, Steven; Van Meensel, Jef; Buys, Nadine; Millet, Sam.
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Effect of fatty acid composition of the sow diet on the innate and adaptive immunity of the piglets after weaning. / Tanghe, Sofie; Cox, Eric; Melkebeek, Vesna; De Smet, Stefaan; Millet, Sam.
Research output: Contribution to journal ▶ A1: Web of Science-article

Effects of birth weight and maternal dietary fat source on the fatty acid profile of piglet tissue. / Tanghe, S; Millet, Sam; Missotten, J; Vlaeminck, B; De Smet, S.
Indoor Concentrations of Particulate Matter in a Pig Fattening Facility: Effect of Different Pen Cleaning Techniques and Housing Systems. / Ulens, Tim; Millet, Sam; Van Ransbeeck, Nele; Van Weyenberg, Stephanie; Van Langenhove, Herman; Demeyer, Peter.
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The effect of different pen cleaning techniques and housing systems on indoor concentrations of particulate matter, ammonia and greenhouse gases (CO2, CH4, N2O). / Ulens, Tim; Millet, Sam; Van Ransbeeck, Nele; Van Weyenberg, Stephanie; Van Langenhove, Herman; Demeyer, Peter.
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Interaction between sex and immunocastration on carcass- and meat quality in pigs. / Van den Broeke, Alice; Leen, Frederik; Aluwé, Marijke; Lauwers, Ludwing; Van Meensel, Jef; Millet, Sam.
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Reductie van berengeur via genetische selectie. / Van den Broeke, Alice; Aluwé, Marijke; Tuyttens, Frank; Millet, Sam; Janssens, Steven; Buys, Nadine.
In: De Drietand, No. 28, 05.09.2014, p. 24-25.
Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3

Reductie van berengeur via genetische selectie. / Van den Broeke, Alice; Aluwé, Marijke; Tuyttens, Frank; Millet, Sam; Janssens, Steven; Buys, Nadine.
In: Management & Techniek, No. 16, 19.09.2014, p. 36-37.
Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3

The effect of the MC4R gene on feed intake and growth in growing finishing pigs. / Van den Broeke, Alice; Aluwé, Marijke; Tuyttens, Frank; Janssens, Steven; Coussé, Annelies; Buys, Nadine; Millet, Sam.
Research output: Chapter in Book/Report/Conference proceeding › C3: Conference Abstract

The interaction of gender and MC4R genotype on feed intake and lean meat gain in growing finishing pigs. / Van den Broeke, Alice; Aluwé, Marijke; Tuyttens, Frank; Janssens, Steven; Coussé, Annelies; Buys, Nadine; Millet, Sam.
Research output: Chapter in Book/Report/Conference proceeding › C1: Articles in proceedings

The MC4R gene affects puberty attainment in gilts but not in boars. / Van den Broeke, Alice; Aluwé, Marijke; Tuyttens, Frank; Janssens, Steven; Coussé, Annelies; Buys, Nadine; Millet, Sam.
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Correlation between bone mineralisation and zinc status markers in sows. / Van Riet, Miriam; Janssens, Geert; Liesegang, Annette; Nalon, Elena; Tuyttens, Frank; Maes, Dominiek; Millet, Sam.
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Diurnal plasma zinc fluctuations in highly prolific sows. / Van Riet, Miriam; Janssens, Geert; Lauresnssen, Bjorge; Langendries, Karolen; Ampé, Bart; Nalon, Elena; Maes, Dominiek; Tuyttens, Frank; Millet, Sam.
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Effect of locomotion score on sows' performances in a feed reward collection test. / Bos, Emilie-Julie; Nalon, Elena; Maes, Dominiek; Ampe, Bart; Buja, Stephanie; Van Riet, Miriam; Millet, Sam; Janssens, Geert; Tuytten, Frank.
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Lameness and claw lesions in group housed sows: effect of rubber-topped floors. / Bos, Emilie-Julie; Maes, Dominiek; Van Riet, Miriam; Millet, Sam; Ampe, Bart; Janssens, Geert; Tuytten, Frank.
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The effect of rubber-topped floors on lameness and claw lesions in group housed sows. / Bos, Emilie-Julie; Maes, Dominiek; Van Riet, Miriam; Millet, Sam; Ampe, Bart; Janssens, Geert; Tuytten, Frank.
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Screening van maatregelen die kunnen leiden tot de reductie van ammoniakemissie afkomstig van landbouw : Draft 1 – 20/03/2015. / Brusselman, Eva; Beck, Bert; De Campeneere, Sam; Demeyer, Peter; Goossens, Karen; Kerselaers, Eva; Maertens, Luc; Millet, Sam; Reubens, Bert; Riebel, Greta; Vandaele, Leen; Vangeyte, Jürgen; Zwetvaegher, Ingrid. 2015.
Research output: Other contribution › Online publication - Web publication

Meer groei, meer stof. / De Smet, Sarah; Beeckman, Esther; Millet, Sam.
In: De Molenaar, No. 15, 30.10.2015, p. 24-25.
Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3

Pelleteren goed voor dierprestaties, maar minder goed voor fijn stof? / De Smet, Sarah; Beeckman, Esther; Millet, Sam.
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In: De Drietand, No. 37, 06.11.2015, p. 30-31.
Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3

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