Reference List of Published Outputs (2024)

Journal Articles

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Banks, R G (2024). Has genomic selection fulfilled its promise? *CABI Reviews* 19(1) doi.org/10.1079/cabireviews.2024.0028

England, A D; **de Las Heras-Saldana, S;** Gharib-Naseri, K; Kheravii, S K and Wu, S-B (2024). The effect of sex and dietary crude protein level on nutrient transporter gene expression and cecal microbiota populations in broiler chickens. *Poultry Science* 103(2) 103268 doi.org/10.1016/j.psj.2023.103268

Gardner, G E; Calnan, H B; Connaughton, S L; Stewart, S M; Mc Gilchrist, P; Steele, C; **Brown, D J**; Pitchford, W S; Pethick, D W; Marimuthu, J and Apps, R (2024). Changing Australia's trading language has enhanced the implementation of objective carcase measurement technologies. *Meat Science* doi.org/10.1016/j.meatsci.2024.109625

Le, S V; **de Las Heras-Saldana, S; Alexandri, P**; Olmo, L; Walkden-Brown, S W and van der Werf, J H J (2024). Genetic diversity, population structure and origin of the native goats in Central Laos. *Journal of Animal Breeding and Genetics* 141(5) 531-549 doi.org/10.1111/jbg.12862

McPhee, M; Richetti, J; Croke, B and **Walmsley, B J** (2024). Model evaluation: The misuse of statistical techniques when evaluating observations versus predictions. *Socio-Environmental Systems Modelling* 6, 18758 doi.org/10.18174/sesmo.18758

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Sharif-Islam, M; van der Werf, J H J; Henryon, M; Chu, T T; Wood, B J and **Hermesch, S** (2024). Genotyping both live and dead animals to improve post-weaning survival of pigs in breeding programs. *Genetics Selection Evolution* 56:65 doi.org/10.1186/s12711-024-00932-4

Smith, E G; Waters, D L; **Walkom, S F** and Clark, S A (2024). Analysis of the genetic variance of fibre diameter measured along the wool staple for use as a potential indicator of resilience in sheep. *Genetics Selection Evolution* 56, 57 doi.org/10.1186/s12711-024-00924-4

Waters, D L; Clark, S A; **Brown, D J**; **Walkom, S F** and van der Werf, J H J (2024). Validation of reaction norm breeding values for robustness in Australian sheep. *Genetics Selection Evolution* 56, 4 doi.org/10.1186/s12711-023-00872-5

Wicki, M; **Brown, D J; Gurman, P M**; Raoul, J; Legarra, A and **Swan, A A** (2024). Combined genomic evaluation of Merino and Dohne Merino Australian sheep populations. *Genetics Selection Evolution* 56, 69 doi.org/10.1186/s12711-024-00934-2

Wysel, M; Baker, D and **Banks, R G** (2024). AgTech, Agricultural data and market failure. avoiding a tragedy of the (data) commons. *SSRN* doi.papers.ssrn.com/sol3/papers.cfm?abstract_id=4463413

Conference Papers

Aldridge, M N; Brown, D J; Fitzgerald, P T; Clayton, E H; Donaldson, A; Paganoni, B; Thompson, A and van der Werf, J H J (2024). Methane phenotyping with different durations provides similar genetic parameters. Proceeding of the 35th Biennial Conference of Australian Association of Animal Sciences, Melbourne, Victoria 8-12 July, p. 24

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Alexandri, P; Miller, S P; Chapman, N; **Frost, E** and **Bunter, K L** (2024). Using genomic information to monitor diversity of the Australian honeybee genetic resources. Annual Meeting of the European Federation of Animal Science, Florence, Italy 1-5 September, p. 631

Dehnavi, E; Swan, A A; Burbidge, G and **Brown, D J** (2024). The impact of heterogeneous residual variance across years on estimated breeding values for fly strike in sheep. Proceeding of the 35th Biennial Conference of Australian Association of Animal Sciences, Melbourne, Victoria 8-12 July, pp. 70-71.

Garcia, A; Mcewin, R; **Miller, S P** and Retallick, K (2024). Development of a genomic evaluation for teat and udder scores in Angus cattle. Annual Meeting of the European Federation of Animal Science, Florence, Italy 1-5 September, p. 917

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Walkom, S F; Alexandri, P and **Brown, D J** (2024). Using objective technologies to inform Australian Sheep Breeding Values for carcass traits. Proceeding of the 35th Biennial Conference of Australian Association of Animal Sciences, Melbourne, Victoria 8-12 July, pp. 58-59.