

Publications for Cameron Clark

2018

Khatun, M., Thomson, P., Kerrisk (nee Davis), K., Lyons, N., Clark, C., Molfino, J., Garcia, S. (2018). Development of a new clinical mastitis detection method for automatic milking systems. *Journal of Dairy Science*, 101(10), 9385-9395. [More Information]

Green, A., Johnston, I., Clark, C. (2018). Invited review: The evolution of cattle bioacoustics and application for advanced dairy systems. *Animal*, 12(6), 1250-1259. [More Information]

Gardenier, J., Underwood, J., Clark, C. (2018). Object Detection for Cattle Gait Tracking. *IEEE International Conference on Robotics and Automation (ICRA 2018)*, Brisbane: Institute of Electrical and Electronics Engineers (IEEE). [More Information]

Wildridge, A., Thomson, P., Garcia, S., John, A., Jongman, E., Clark, C., Kerrisk (nee Davis), K. (2018). Short communication: The effect of temperature-humidity index on milk yield and milking frequency of dairy cows in pasture-based automatic milking systems. *Journal of Dairy Science*, 101(5), 4479-4482. [More Information]

Wildridge, A., Thomson, P., Garcia, S., Jongman, E., Clark, C., Kerrisk (nee Davis), K. (2018). The impact of fetching at night on milking parlour visitation for pasture-based dairy cattle. *Applied Animal Behaviour Science*, 201, 25-30. [More Information]

2017

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Molfino, J., Clark, C., Kerrisk (nee Davis), K., Garcia, S. (2017). Evaluation of an activity and rumination monitor in dairy cattle grazing two types of forages. *Animal Production Science*, 57(7), 1557-1562. [More Information]

Minnee, E., Waghorn, G., Lee, J., Clark, C. (2017). Including chicory or plantain in a perennial ryegrass/white clover-based diet of dairy cattle in late lactation: Feed intake, milk production and rumen digestion. *Animal Feed Science and Technology*, 227, 52-61. [More Information]

John, A., Garcia, S., Kerrisk (nee Davis), K., Freeman, M., Islam, M., Clark, C. (2017). Short communication: The diurnal intake and behavior of dairy cows when access to a feed of consistent nutritive value is restricted. *Journal of Dairy Science*, 100(11), 9279-9284. [More

Information]

Wildridge, A., Garcia, S., Thomson, P., Jongman, E., Clark, C., Kerrisk (nee Davis), K. (2017). The impact of a shaded pre-milking yard on a pasture-based automatic milking system. *Animal Production Science*, 57, 1219-1225. [More Information]

Green, A., Johnston, I., Lomax, S., Reby, D., Briefer, E., Clark, C. (2017). The vocalisations of Holstein-Friesian dairy heifers in response to social isolation and feeding. *Dairy Research Foundation 2017 Symposium: MILC - More Income Led by Cows*, Australia: The University of Sydney.

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Clark, C., Farina, S., Garcia, S., Islam, M., Kerrisk (nee Davis), K., Fulkerson, W. (2016). A comparison of conventional and automatic milking system pasture utilization and pre- and post-grazing pasture mass. *Grass and Forage Science*, 71, 153-159. [More Information]

John, A., Garcia, S., Kerrisk (nee Davis), K., Freeman, M., Clark, C. (2016). Diurnal feeding patterns of dairy cattle and implications for automatic milking systems. *Dairy Research Foundation Symposium*, Australia: N/A.

John, A., Clark, C., Freeman, M., Kerrisk, K., Garcia, S., Halachmi, I. (2016). Review: Milking robot utilization, a successful precision livestock farming evolution. *Animal*, 10(9), 1484-1492. [More Information]

Wildridge, A., Garcia, S., Thomson, P., Clark, C., Jongman, E., Kerrisk (nee Davis), K. (2016). The impact of a partially shaded lane way on voluntary cow movement to an automatic milking system. *Dairy Research Foundation Symposium*, Australia: N/A.

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Talukder, S., Thomson, P., Kerrisk (nee Davis), K., Clark, C., Celi, P. (2015). Evaluation of infrared thermography body temperature and collar-mounted accelerometer and acoustic technology for predicting time of ovulation of cows in a pasture-based system. *Theriogenology*, 83, 739-748. [More Information]

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55(7), 922-930. [More Information]

Lee, J., Hemmingson, N., Minnee, E., Clark, C. (2015). Management strategies for chicory (*Cichorium intybus* L) and plantain (*Plantago lanceolata* L.): Impact on dry matter yield, nutritive characteristics and plant density. *Crop and Pasture Science*, 66(2), 168-183. [More Information]

Islam, M., Garcia, S., Clark, C., Kerrisk (nee Davis), K. (2015). Modelling Pasture-based Automatic Milking System Herds: Grazeable Forage Options. *Asian-Australasian Journal of Animal Sciences*, 28(5), 703-715. [More Information]

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Traffic between Holstein and Illawarra Breeds of Dairy Cattle in a Pasture-based Automatic Milking System. *Asian-Australasian Journal of Animal Sciences*, 27(4), 587-591. [More Information]

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Talukder, S., Kerrisk (nee Davis), K., Clark, C., Garcia, S., Celi, P. (2014). Rumination patterns and locomotion activity in a dairy cow diagnosed with left displaced abomasum (LDA): A case report. *Dairy Research Foundation Symposium*, Australia: N/A.

Islam, M., Clark, C., Horadagoda, A., Kaur Jhaji, R., Molfino, J., Kerrisk (nee Davis), K., Garcia, S. (2014). The impact of grain-based concentrate allocation and pasture state on ryegrass pasture on in vitro digestibility. *Australasian Dairy Science Symposium*.

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2013

Clark, C., Garcia, S., Kerrisk (nee Davis), K., Underwood, J., Nieto, J., Calleja, M., Sukkarieh, S., Cronin, G. (2013). A robot amongst the herd: A pilot investigation regarding the behavioural response of dairy cows. *4th Australian and New Zealand Spatially Enabled Livestock Management Symposium*, Camden, New South Wales, Australia.

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Garcia, S., Clark, C., Kerrisk (nee Davis), K., Islam, M., Farina, S., Evans, J. (2013). Gaps and variability in pasture utilisation in Australian pasture-based dairy systems. *22nd International Grasslands Congress*, Orange: New South Wales Department of Primary Industry.

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2012

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