

Diego Manriquez Alvarez

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

181
citations

1162889

8
h-index

1125617

13
g-index

21
all docs

21
docs citations

21
times ranked

136
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Livestock Informatics Toolkit: A Case Study in Visually Characterizing Complex Behavioral Patterns across Multiple Sensor Platforms, Using Novel Unsupervised Machine Learning and Information Theoretic Approaches. <i>Sensors</i> , 2022, 22, 1. | 2.1 | 33 |
| 2 | The prevalence of <i>Escherichia coli</i> O157:H7 fecal shedding in feedlot pens is affected by the water-to-cattle ratio: A randomized controlled trial. <i>PLoS ONE</i> , 2018, 13, e0192149. | 1.1 | 20 |
| 3 | Effect of body condition change and health status during early lactation on performance and survival of Holstein cows. <i>Journal of Dairy Science</i> , 2021, 104, 12785-12799. | 1.4 | 17 |
| 4 | The effect of an organic rumen-protected fat supplement on performance, metabolic status, and health of dairy cows. <i>BMC Veterinary Research</i> , 2019, 15, 450. | 0.7 | 16 |
| 5 | Use of milk electrical conductivity for the differentiation of mastitis causing pathogens in Holstein cows. <i>Animal</i> , 2020, 14, 588-596. | 1.3 | 13 |
| 6 | Effect of aluminized reflective hutch covers on calf health and performance. <i>Journal of Dairy Science</i> , 2018, 101, 1464-1477. | 1.4 | 12 |
| 7 | Case Study: Assessment of human-conditioned sorting behavior in dairy cows in farm research trials. <i>The Professional Animal Scientist</i> , 2018, 34, 664-670. | 0.7 | 11 |
| 8 | Mind the Queue: A Case Study in Visualizing Heterogeneous Behavioral Patterns in Livestock Sensor Data Using Unsupervised Machine Learning Techniques. <i>Frontiers in Veterinary Science</i> , 2020, 7, 523. | 0.9 | 11 |
| 9 | Dynamics of automatically generated body condition scores during early lactation and pregnancy at first artificial insemination of Holstein cows. <i>Journal of Dairy Science</i> , 2022, 105, 4547-4564. | 1.4 | 10 |
| 10 | Effect of a mechanical grooming brush on the behavior and health of recently weaned heifer calves. <i>BMC Veterinary Research</i> , 2019, 15, 284. | 0.7 | 8 |
| 11 | Technical note: Evaluation of fine needle aspiration cytology for the diagnosis of fatty liver in dairy cattle. <i>Journal of Dairy Science</i> , 2018, 101, 4483-4490. | 1.4 | 6 |
| 12 | Efficacy of non-antibiotic treatment options for digital dermatitis on an organic dairy farm. <i>Veterinary Journal</i> , 2020, 255, 105417. | 0.6 | 6 |
| 13 | Genome-wide study to detect single nucleotide polymorphisms associated with visceral and subcutaneous fat deposition in Holstein dairy cows. <i>Animal</i> , 2019, 13, 487-494. | 1.3 | 5 |
| 14 | A randomized controlled clinical trial on the effect of acupuncture therapy in dairy cows affected by pyometra. <i>Research in Veterinary Science</i> , 2020, 133, 12-16. | 0.9 | 3 |
| 15 | Incidence and risk factors for reproductive disorders in organic certified dairies. <i>Journal of Dairy Science</i> , 2020, 103, 10797-10808. | 1.4 | 3 |
| 16 | Effect of prebiotic supplementation with stabilized rice bran in milk of pre-weaned organic Holstein calves. <i>BMC Veterinary Research</i> , 2019, 15, 53. | 0.7 | 2 |
| 17 | Case Study: Intrauterine infusion of oregano essential oils leads to carvacrol in milk of dairy cows. <i>Applied Animal Science</i> , 2020, 36, 335-340. | 0.4 | 2 |
| 18 | Effect of periparturient administration of mycobacterium cell wall fraction on health and fertility of Holstein cows under organic-certified management. <i>Journal of Animal Science</i> , 2021, 99, . | 0.2 | 2 |

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|----|--|-----|-----------|
| 19 | Association between Head-to-Chest Circumference Ratio and Intrauterine Growth-Retardation Related Outcomes during Prewaning and Postweaning. <i>Animals</i> , 2022, 12, 1562. | 1.0 | 1 |
| 20 | Effect of oral calcium administration on metabolic status and uterine health of dairy cows with reduced postpartum rumination and eating time. <i>BMC Veterinary Research</i> , 2021, 17, 178. | 0.7 | 0 |
| 21 | Waiting time in the premilking holding pen and subsequent lying and walking behaviors of Holstein cows. <i>JDS Communications</i> , 2022, 3, 280-284. | 0.5 | 0 |