

Henk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4053065/publications.pdf>

Version: 2024-02-01

10
papers

342
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

431
citing authors

#	ARTICLE	IF	CITATIONS
1	Diurnal Dynamics of Gaseous and Dissolved Metabolites and Microbiota Composition in the Bovine Rumen. <i>Frontiers in Microbiology</i> , 2017, 8, 425.	3.5	67
2	Meta-analysis of relationships between enteric methane yield and milk fatty acid profile in dairy cattle. <i>Journal of Dairy Science</i> , 2014, 97, 7115-7132.	3.4	60
3	Prediction of enteric methane production, yield and intensity of beef cattle using an intercontinental database. <i>Agriculture, Ecosystems and Environment</i> , 2019, 283, 106575.	5.3	57
4	Thermodynamic Driving Force of Hydrogen on Rumen Microbial Metabolism: A Theoretical Investigation. <i>PLoS ONE</i> , 2016, 11, e0161362.	2.5	51
5	The Contribution of Mathematical Modeling to Understanding Dynamic Aspects of Rumen Metabolism. <i>Frontiers in Microbiology</i> , 2016, 7, 1820.	3.5	37
6	Effect of Mootralâ€™a garlic- and citrus-extract-based feed additiveâ€™on enteric methane emissions in feedlot cattle. <i>Translational Animal Science</i> , 2019, 3, 1383-1388.	1.1	24
7	Bayesian mechanistic modeling of thermodynamically controlled volatile fatty acid, hydrogen and methane production in the bovine rumen. <i>Journal of Theoretical Biology</i> , 2019, 480, 150-165.	1.7	20
8	Quantitative joint evaluation of sheep enteric methane emissions and faecal dry matter and nitrogen excretion. <i>Agriculture, Ecosystems and Environment</i> , 2021, 305, 107116.	5.3	8
9	Inhibited Methanogenesis in the Rumen of Cattle: Microbial Metabolism in Response to Supplemental 3-Nitrooxypropanol and Nitrate. <i>Frontiers in Microbiology</i> , 2021, 12, 705613.	3.5	8
10	Multi-criteria evaluation of dairy cattle feed resources and animal characteristics for nutritive and environmental impacts. <i>Animal</i> , 2018, 12, s310-s320.	3.3	6