Maria Caria

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5455702/publications.pdf

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21	296	933447	888059
papers	citations	10	17
		h-index	g-index

21	21	21	328
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A multivariate statistical analysis approach to characterize mechanization, structural and energy profile in Italian dairy farms. Energy Reports, 2016, 2, 129-134.	5.1	39
2	Exploring Smart Glasses for Augmented Reality: A Valuable and Integrative Tool in Precision Livestock Farming. Animals, 2019, 9, 903.	2.3	37
3	Advances in Unmanned Aerial System Remote Sensing for Precision Viticulture. Sensors, 2021, 21, 956.	3.8	25
4	Dairy Energy Prediction (DEP) model: A tool for predicting energy use and related emissions and costs in dairy farms. Computers and Electronics in Agriculture, 2017, 135, 216-221.	7.7	23
5	Performance and Usability of Smartglasses for Augmented Reality in Precision Livestock Farming Operations. Applied Sciences (Switzerland), 2020, 10, 2318.	2.5	23
6	Effects of the working vacuum level on mechanical milking of buffalo. Journal of Dairy Science, 2011, 94, 1755-1761.	3.4	19
7	A Comprehensive Energy Analysis and Related Carbon Footprint of Dairy Farms, Part 2: Investigation and Modeling of Indirect Energy Requirements. Energies, 2018, 11, 463.	3.1	19
8	A Comprehensive Energy Analysis and Related Carbon Footprint of Dairy Farms, Part 1: Direct Energy Requirements. Energies, 2018, 11, 451.	3.1	18
9	Energy and Carbon Impact of Precision Livestock Farming Technologies Implementation in the Milk Chain: From Dairy Farm to Cheese Factory. Agriculture (Switzerland), 2017, 7, 79.	3.1	16
10	Development and test of a portable device to monitor the health status of Sarda breed sheep by the measurement of the milk electrical conductivity. Italian Journal of Animal Science, 2016, 15, 275-282.	1.9	11
11	Effect of vacuum level on milk flow traits in Mediterranean Italian buffalo cow. Italian Journal of Animal Science, 2012, 11, e25.	1.9	10
12	A partial life cycle assessment approach to evaluate the energy intensity and related greenhouse gas emission in dairy farms. Journal of Agricultural Engineering, 2013, 44, .	1.5	10
13	Influence of low vacuum levels on milking characteristics of sheep, goat and buffalo. Journal of Agricultural Engineering, 2013, 44, .	1.5	9
14	Evaluation of the performance of the first automatic milking system for buffaloes. Journal of Dairy Science, 2014, 97, 1491-1498.	3.4	8
15	Vibration and Noise Transmitted by Agricultural Backpack Powered Machines Critically Examined Using the Current Standards. International Journal of Environmental Research and Public Health, 2019, 16, 2210.	2.6	8
16	Modelling the Collection and Delivery of Sheep Milk: A Tool to Optimise the Logistics Costs of Cheese Factories. Agriculture (Switzerland), 2018, 8, 5.	3.1	7
17	Evaluation of automated in-line precision dairy farming technology implementation in three dairy farms in Italy. Frontiers of Agricultural Science and Engineering, 2019, 6, 181.	1.4	6
18	Milkability traits across milk flow curve types in Sarda sheep. Small Ruminant Research, 2022, 206, 106584.	1.2	3

#	Article	IF	Citations
19	Influence of milking units and working vacuum level on the mechanical milking of goats. Animal Science Journal, 2021, 92, e13667.	1.4	3
20	Influence of the Milking Units on the Pulsation Curve in Dairy Sheep Milking. Animals, 2020, 10, 1213.	2.3	2
21	Effects of low vacuum levels on vacuum dynamics during milking. Italian Journal of Animal Science, 2007, 6, 574-576.	1.9	0