

Elanchezhian Arulmozhi

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

230
citations

1163117

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1125743

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docs citations

15
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115
citing authors

#	ARTICLE	IF	CITATIONS
1	A Lightweight Attention-Based Convolutional Neural Networks for Tomato Leaf Disease Classification. <i>Agriculture (Switzerland)</i> , 2022, 12, 228.	3.1	65
2	Machine Learning-Based Microclimate Model for Indoor Air Temperature and Relative Humidity Prediction in a Swine Building. <i>Animals</i> , 2021, 11, 222.	2.3	34
3	A Partially Amended Hybrid Bi-GRU-ARIMA Model (PAHM) for Predicting Solar Irradiance in Short and Very-Short Terms. <i>Energies</i> , 2020, 13, 435.	3.1	24
4	The Application of Cameras in Precision Pig Farming: An Overview for Swine-Keeping Professionals. <i>Animals</i> , 2021, 11, 2343.	2.3	20
5	Artificial neural networks and multiple linear regression as potential methods for modelling body surface temperature of pig. <i>Journal of Applied Animal Research</i> , 2020, 48, 207-219.	1.2	18
6	Sensor Systems for Greenhouse Microclimate Monitoring and Control: a Review. <i>Journal of Biosystems Engineering</i> , 2020, 45, 341-361.	2.5	17
7	Analysis of Draft Force Requirement of a Compact Disc Harrow and Model Development for Future Predictions. <i>Journal of Biosystems Engineering</i> , 2019, 44, 47-56.	2.5	16
8	Modelling methane emissions from pig manure using statistical and machine learning methods. <i>Air Quality, Atmosphere and Health</i> , 2022, 15, 575-589.	3.3	13
9	Pig Identification Using Deep Convolutional Neural Network Based on Different Age Range. <i>Journal of Biosystems Engineering</i> , 2021, 46, 182-195.	2.5	6
10	Impacts of nipple drinker position on water intake, water wastage and drinking duration of pigs. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 2020, 44, 562-572.	0.5	5
11	Deep-Learning-Based Automatic Monitoring of Pigs' Physico-Temporal Activities at Different Greenhouse Gas Concentrations. <i>Animals</i> , 2021, 11, 3089.	2.3	5
12	Modeling of Ambient Environment and Thermal Status Relationship of Pig's Body in a Pig Barn. <i>Indian Journal of Animal Research</i> , 2020, , .	0.1	3
13	Assessment of the Influence of Environmental Variables on Pig's Body Temperature using ANN and MLR Models. <i>Indian Journal of Animal Research</i> , 2020, , .	0.1	1