

Mingzhou Lu

List of Publications by Year in descending order

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13
papers

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1040056

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205
citing authors

#	ARTICLE	IF	CITATIONS
1	A controlled heat stress during late gestation affects thermoregulation, productive performance, and metabolite profiles of primiparous sow. <i>Journal of Thermal Biology</i> , 2019, 81, 33-40.	2.5	38
2	An eight-layer convolutional neural network with stochastic pooling, batch normalization and dropout for fingerspelling recognition of Chinese sign language. <i>Multimedia Tools and Applications</i> , 2020, 79, 15697-15715.	3.9	28
3	An automatic splitting method for the adhesive piglets's gray scale image based on the ellipse shape feature. <i>Computers and Electronics in Agriculture</i> , 2016, 120, 53-62.	7.7	23
4	An automatic ear base temperature extraction method for top view piglet thermal image. <i>Computers and Electronics in Agriculture</i> , 2018, 155, 339-347.	7.7	20
5	Nitrogen functionalized hierarchical microporous/mesoporous carbon with a high surface area and controllable nitrogen content for enhanced lead(ii) adsorption. <i>RSC Advances</i> , 2016, 6, 92186-92196.	3.6	18
6	Asphyxia occurrence detection in sows during the farrowing phase by inter-birth interval evaluation. <i>Computers and Electronics in Agriculture</i> , 2018, 152, 221-232.	7.7	18
7	Construction of sheep forage intake estimation models based on sound analysis. <i>Biosystems Engineering</i> , 2020, 192, 144-158.	4.3	15
8	An Automatic Head Surface Temperature Extraction Method for Top-View Thermal Image with Individual Broiler. <i>Sensors</i> , 2019, 19, 5286.	3.8	13
9	Contactless Video-Based Heart Rate Monitoring of a Resting and an Anesthetized Pig. <i>Animals</i> , 2021, 11, 442.	2.3	11
10	Preparation and amino modification of mesoporous carbon from bagasse via microwave activation and ethylenediamine polymerization for Pb(II) adsorption. <i>Desalination and Water Treatment</i> , 2016, 57, 24004-24018.	1.0	8
11	Short-term feeding behaviour sound classification method for sheep using LSTM networks. <i>International Journal of Agricultural and Biological Engineering</i> , 2021, 14, 43-54.	0.6	6
12	Extracting body surface dimensions from top-view images of pigs. <i>International Journal of Agricultural and Biological Engineering</i> , 2018, 11, 182-191.	0.6	5
13	The Potentialities of Machine Learning for Cow-Specific Milking: Automatically Setting Variables in Milking Machines. <i>Animals</i> , 2022, 12, 1614.	2.3	1