

Dedy Rahman Wijaya

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

549
citations

687363

13
h-index

940533

16
g-index

27
all docs

27
docs citations

27
times ranked

296
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating city-level poverty rate based on e-commerce data with machine learning. <i>Electronic Commerce Research</i> , 2022, 22, 195-221.	5.0	18
2	Ensemble machine learning approach for electronic nose signal processing. <i>Sensing and Bio-Sensing Research</i> , 2022, 36, 100495.	4.2	20
3	Machine learning approach for predicting production delays: a quarry company case study. <i>Journal of Big Data</i> , 2022, 9, .	11.0	2
4	Electronic nose homogeneous data sets for beef quality classification and microbial population prediction. <i>BMC Research Notes</i> , 2022, 15, .	1.4	5
5	Information-Theoretic Ensemble Feature Selection With Multi-Stage Aggregation for Sensor Array Optimization. <i>IEEE Sensors Journal</i> , 2021, 21, 476-489.	4.7	19
6	DWTLSTM for electronic nose signal processing in beef quality monitoring. <i>Sensors and Actuators B: Chemical</i> , 2021, 326, 128931.	7.8	63
7	Classification of Human Gender from Sweat Odor using Electronic Nose with Machine Learning Methods. , 2021, , .		7
8	Rice Shelf-Life Prediction Using Support Vector Regression Algorithm Based on Electronic Nose Dataset. , 2021, , .		2
9	Rice Quality Detection Using Gradient Tree Boosting Based On Electronic Nose Dataset. , 2021, , .		1
10	Classification of Male and Female Sweat Odor in the Morning Using Electronic Nose. , 2021, , .		3
11	An Approach to Classify Rice Quality using Electronic Nose Dataset-based Naïve Bayes Classifier. , 2021, , .		3
12	Electronic nose dataset for pork adulteration in beef. <i>Data in Brief</i> , 2020, 32, 106139.	1.0	21
13	Wrapper Feature Selection for Poverty Level Prediction Based on E-Commerce Dataset. , 2020, , .		5
14	Detecting Pork Adulteration in Beef for Halal Authentication Using an Optimized Electronic Nose System. <i>IEEE Access</i> , 2020, 8, 221700-221711.	4.2	34
15	Stability Assessment of Feature Selection Algorithms on Homogeneous Datasets: A Study for Sensor Array Optimization Problem. <i>IEEE Access</i> , 2020, 8, 33944-33953.	4.2	21
16	Poverty Level Prediction Based on E-Commerce Data Using K-Nearest Neighbor and Information-Theoretical-Based Feature Selection. , 2020, , .		6
17	Noise filtering framework for electronic nose signals: An application for beef quality monitoring. <i>Computers and Electronics in Agriculture</i> , 2019, 157, 305-321.	7.7	57
18	Recent development in electronic nose data processing for beef quality assessment. <i>Telkomnika (Telecommunication Computing Electronics and Control)</i> , 2019, 17, 337.	0.8	11

#	ARTICLE	IF	CITATIONS
19	Classification of Music Mood Using MPEG-7 Audio Features and SVM with Confidence Interval. International Journal on Artificial Intelligence Tools, 2018, 27, 1850016.	1.0	16
20	Electronic nose dataset for beef quality monitoring in uncontrolled ambient conditions. Data in Brief, 2018, 21, 2414-2420.	1.0	29
21	Information Quality Ratio as a novel metric for mother wavelet selection. Chemometrics and Intelligent Laboratory Systems, 2017, 160, 59-71.	3.5	46
22	Detection of diabetes from gas analysis of human breath using e-Nose. , 2017, , .		27
23	Development of mobile electronic nose for beef quality monitoring. Procedia Computer Science, 2017, 124, 728-735.	2.0	58
24	Electronic nose for classifying beef and pork using Naïve Bayes. , 2017, , .		20
25	Music mood classification using audio power and audio harmonicity based on MPEG-7 audio features and Support Vector Machine. , 2017, , .		15
26	Gas concentration analysis of resistive gas sensor array. , 2016, , .		16
27	Sensor Array Optimization for Mobile Electronic Nose: Wavelet Transform and Filter Based Feature Selection Approach. International Review on Computers and Software, 2016, 11, 659.	0.1	24