

Dedy Rahman Wijaya

List of Publications by Year in descending order

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27
papers

549
citations

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296
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | DWTLSTM for electronic nose signal processing in beef quality monitoring. Sensors and Actuators B: Chemical, 2021, 326, 128931. | 7.8 | 63 |
| 2 | Development of mobile electronic nose for beef quality monitoring. Procedia Computer Science, 2017, 124, 728-735. | 2.0 | 58 |
| 3 | Noise filtering framework for electronic nose signals: An application for beef quality monitoring. Computers and Electronics in Agriculture, 2019, 157, 305-321. | 7.7 | 57 |
| 4 | Information Quality Ratio as a novel metric for mother wavelet selection. Chemometrics and Intelligent Laboratory Systems, 2017, 160, 59-71. | 3.5 | 46 |
| 5 | Detecting Pork Adulteration in Beef for Halal Authentication Using an Optimized Electronic Nose System. IEEE Access, 2020, 8, 221700-221711. | 4.2 | 34 |
| 6 | Electronic nose dataset for beef quality monitoring in uncontrolled ambient conditions. Data in Brief, 2018, 21, 2414-2420. | 1.0 | 29 |
| 7 | Detection of diabetes from gas analysis of human breath using e-Nose. , 2017, , . | | 27 |
| 8 | 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 |
| 9 | Electronic nose dataset for pork adulteration in beef. Data in Brief, 2020, 32, 106139. | 1.0 | 21 |
| 10 | Stability Assessment of Feature Selection Algorithms on Homogeneous Datasets: A Study for Sensor Array Optimization Problem. IEEE Access, 2020, 8, 33944-33953. | 4.2 | 21 |
| 11 | Electronic nose for classifying beef and pork using Naïve Bayes. , 2017, , . | | 20 |
| 12 | Ensemble machine learning approach for electronic nose signal processing. Sensing and Bio-Sensing Research, 2022, 36, 100495. | 4.2 | 20 |
| 13 | Information-Theoretic Ensemble Feature Selection With Multi-Stage Aggregation for Sensor Array Optimization. IEEE Sensors Journal, 2021, 21, 476-489. | 4.7 | 19 |
| 14 | Estimating city-level poverty rate based on e-commerce data with machine learning. Electronic Commerce Research, 2022, 22, 195-221. | 5.0 | 18 |
| 15 | Gas concentration analysis of resistive gas sensor array. , 2016, , . | | 16 |
| 16 | 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 |
| 17 | Music mood classification using audio power and audio harmonicity based on MPEG-7 audio features and Support Vector Machine. , 2017, , . | | 15 |
| 18 | Recent development in electronic nose data processing for beef quality assessment. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 337. | 0.8 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Classification of Human Gender from Sweat Odor using Electronic Nose with Machine Learning Methods. , 2021, , . | | 7 |
| 20 | Poverty Level Prediction Based on E-Commerce Data Using K-Nearest Neighbor and Information-Theoretical-Based Feature Selection. , 2020, , . | | 6 |
| 21 | Wrapper Feature Selection for Poverty Level Prediction Based on E-Commerce Dataset. , 2020, , . | | 5 |
| 22 | Electronic nose homogeneous data sets for beef quality classification and microbial population prediction. BMC Research Notes, 2022, 15, . | 1.4 | 5 |
| 23 | Classification of Male and Female Sweat Odor in the Morning Using Electronic Nose. , 2021, , . | | 3 |
| 24 | An Approach to Classify Rice Quality using Electronic Nose Dataset-based Naïve Bayes Classifier. , 2021, , . | | 3 |
| 25 | Rice Shelf-Life Prediction Using Support Vector Regression Algorithm Based on Electronic Nose Dataset. , 2021, , . | | 2 |
| 26 | Machine learning approach for predicting production delays: a quarry company case study. Journal of Big Data, 2022, 9, . | 11.0 | 2 |
| 27 | Rice Quality Detection Using Gradient Tree Boosting Based On Electronic Nose Dataset. , 2021, , . | | 1 |