

Zhifang Liang

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Sensor Array Optimization of Electronic Nose for Detection of Bacteria in Wound Infection. IEEE Transactions on Industrial Electronics, 2017, 64, 7350-7358.	7.9	72
2	Study on Interference Suppression Algorithms for Electronic Noses: A Review. Sensors, 2018, 18, 1179.	3.8	36
3	A Dynamic Behavior Monitoring Game-Based Trust Evaluation Scheme for Clustering in Wireless Sensor Networks. IEEE Access, 2018, 6, 71404-71412.	4.2	32
4	A novel pattern mismatch based interference elimination technique in E-nose. Sensors and Actuators B: Chemical, 2016, 234, 703-712.	7.8	29
5	A Secure Clustering Protocol With Fuzzy Trust Evaluation and Outlier Detection for Industrial Wireless Sensor Networks. IEEE Transactions on Industrial Informatics, 2021, 17, 4837-4847.	11.3	24
6	Improving the Robustness of Prediction Model by Transfer Learning for Interference Suppression of Electronic Nose. IEEE Sensors Journal, 2018, 18, 1111-1121.	4.7	20
7	Suppression of Strong Background Interference on E-Nose Sensors in an Open Country Environment. Sensors, 2016, 16, 233.	3.8	18
8	A correlated information removing based interference suppression technique in electronic nose for detection of bacteria. Analytica Chimica Acta, 2017, 986, 145-152.	5.4	17
9	An Evolutionary Game-Based Secure Clustering Protocol With Fuzzy Trust Evaluation and Outlier Detection for Wireless Sensor Networks. IEEE Sensors Journal, 2021, 21, 13935-13947.	4.7	14
10	Domain Correction Based on Kernel Transformation for Drift Compensation in the E-Nose System. Sensors, 2018, 18, 3209.	3.8	13
11	Wasserstein Distance Learns Domain Invariant Feature Representations for Drift Compensation of E-Nose. Sensors, 2019, 19, 3703.	3.8	12
12	A novel WWH problem-based semi-supervised online method for sensor drift compensation in E-nose. Sensors and Actuators B: Chemical, 2021, 349, 130727.	7.8	7
13	A Novel Subspace Alignment-Based Interference Suppression Method for the Transfer Caused by Different Sample Carriers in Electronic Nose. Sensors, 2019, 19, 4846.	3.8	6
14	A Sparse Reconstruction Domain Transfer Method for Interference Suppression in Artificial Olfactory System. IEEE Sensors Journal, 2022, 22, 6717-6730.	4.7	6
15	Drift compensation algorithm based on Time-Wasserstein dynamic distribution alignment. , 2020, , .		1
16	Research on Electronic Nose Drift Suppression Algorithm based on Classifier Integration and Active Learning. , 2021, , .		1
17	A Novel Sparse Subspace Correlation Analysis-Based Domain Adaptation Method for Sensor Drift Suppression in E-nose. , 2021, , .		0