

Huixiang Liu

List of Publications by Year in descending order

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papers

314
citations

1163117

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1474206

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10
all docs

10
docs citations

10
times ranked

310
citing authors

#	ARTICLE	IF	CITATIONS
1	Air Quality Index and Air Pollutant Concentration Prediction Based on Machine Learning Algorithms. Applied Sciences (Switzerland), 2019, 9, 4069.	2.5	87
2	Bionic Electronic Nose Based on MOS Sensors Array and Machine Learning Algorithms Used for Wine Properties Detection. Sensors, 2019, 19, 45.	3.8	82
3	Fast automated detection of COVID-19 from medical images using convolutional neural networks. Communications Biology, 2021, 4, 35.	4.4	43
4	A Model Transfer Learning Framework With Back-Propagation Neural Network for Wine and Chinese Liquor Detection by Electronic Nose. IEEE Access, 2020, 8, 105278-105285.	4.2	22
5	Classification and Evaluation of Quality Grades of Organic Green Teas Using an Electronic Nose Based on Machine Learning Algorithms. IEEE Access, 2019, 7, 172965-172973.	4.2	21
6	A multi-task learning framework for gas detection and concentration estimation. Neurocomputing, 2020, 416, 28-37.	5.9	21
7	A Transfer Learning Method for the Protection of Geographical Indication in China Using an Electronic Nose for the Identification of Xihu Longjing Tea. IEEE Sensors Journal, 2021, 21, 8065-8077.	4.7	18
8	A Multitask Learning Framework for Multi-Property Detection of Wine. IEEE Access, 2019, 7, 123151-123157.	4.2	14
9	A Suppression Method of Concentration Background Noise by Transductive Transfer Learning for a Metal Oxide Semiconductor-Based Electronic Nose. Sensors, 2020, 20, 1913.	3.8	6