Kaixun He

List of Publications by Year
in descending order

11 papers	135 citations	1307594 7 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	104 citing authors

#	Article	IF	Citations
1	A novel adaptive algorithm with near-infrared spectroscopy and its application in online gasoline blending processes. Chemometrics and Intelligent Laboratory Systems, 2015, 140, 117-125.	3.5	28
2	Online updating of NIR model and its industrial application via adaptive wavelength selection and local regression strategy. Chemometrics and Intelligent Laboratory Systems, 2014, 134, 79-88.	3.5	26
3	Weighted incremental minimax probability machine-based method for quality prediction in gasoline blending process. Chemometrics and Intelligent Laboratory Systems, 2020, 196, 103909.	3.5	14
4	Biased Minimax Probability Machine-Based Adaptive Regression for Online Analysis of Gasoline Property. IEEE Transactions on Industrial Informatics, 2020, 16, 2799-2808.	11.3	14
5	Near-infrared spectroscopy for the concurrent quality prediction and status monitoring of gasoline blending. Control Engineering Practice, 2020, 101, 104478.	5.5	14
6	An adaptive CEEMD-ANN algorithm and its application in pneumatic conveying flow pattern identification. Flow Measurement and Instrumentation, 2021, 77, 101860.	2.0	12
7	Novel adaptive sample space expansion approach of NIR model for in-situ measurement of gasoline octane number in online gasoline blending processes. Chemical Engineering Science, 2021, 242, 116672.	3.8	11
8	Active training sample selection and updating strategy for near-infrared model with an industrial application. Chinese Journal of Chemical Engineering, 2019, 27, 2749-2758.	3.5	6
9	Improved Integrated Optimization Method of Gasoline Blend Planning and Real-Time Blend Recipes. Industrial & Engineering Chemistry Research, 2016, 55, 4632-4645.	3.7	5
10	Anomaly detection and early warning via a novel multiblock-based method with applications to thermal power plants. Measurement: Journal of the International Measurement Confederation, 2022, 193, 110979.	5.0	5
11	Moving Window Abnormal Condition Monitoring Strategy Based on Supervised Sample Selection and Its Industrial Application. , 2019, , .		0