Ye-Chow Kuang

List of Publications by Year
in descending order

18 papers	**139** citations	1684188 **5** h-index	1372567 **10** g-index
18 all docs	**18** docs citations	**18** times ranked	**196** citing authors

#	Article	IF	Citations
1	New results in robust actuator fault reconstruction for linear uncertain systems using sliding mode observers. International Journal of Robust and Nonlinear Control, 2007, 17, 1294-1319.	3.7	39
2	Moment-Constrained Maximum Entropy Method for Expanded Uncertainty Evaluation. IEEE Access, 2018, 6, 4072-4082.	4.2	23
3	Automated quantification of renal interstitial fibrosis for computer-aided diagnosis: A comprehensive tissue structure segmentation method. Computer Methods and Programs in Biomedicine, 2018, 155, 109-120.	4.7	14
4	Roadmap on signal processing for next generation measurement systems. Measurement Science and Technology, 2022, 33, 012002.	2.6	12
5	Classifying Cannabis Sativa Flowers, Stems and Leaves using Statistical Machine Learning with Near-Infrared Hyperspectral Reflectance Imaging. , 2020, , .		11
6	Reliability-based design optimisation of technical systems: analytical response surface moments method. Journal of Engineering, 2017, 2017, 36-46.	1.1	10
7	Electrical Power Monitoring System Using Thermochron Sensor and 1-Wire Communication Protocol. , 2008, , .		7
8	Measurement uncertainty evaluation: Could it help to improve engineering design?. IEEE Instrumentation and Measurement Magazine, 2019, 22, 27-32.	1.6	6
9	Signal-to-Noise Ratio Contributors and Effects in Proximal Near-Infrared Spectral Reflectance Measurement on Plant Leaves. , 2020, , .		4
10	New result in robust actuator fault reconstruction with application to an aircraft. Control Applications (CCA), Proceedings of the IEEE International Conference on, 2007, , .	0.0	3
11	Assistive technology for relieving communication lumber between hearing/speech impaired and hearing people. Journal of Engineering, 2014, 2014, 312-323.	1.1	3
12	Analytic standard uncertainty evaluation of polynomial in normal/uniform random variables. , 2013, , .		2
13	Addressing Emerging Needs of Hi-Tech Industry: Collaborative Engineering Program in Electronic Testing, Instrumentation and Measurement. , 2019, , .		2
14	Maximal Associated Regression: A nonlinear extension to Least Angle Regression. IEEE Access, 2021, , 1-1.	4.2	2
15	Measured Quantity Value Estimator for Multiplicative Nonlinear Measurement Models. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 715-722.	4.7	1
16	Photocurrent measurement through frequency domain analysis. , 2015, , .		0
17	Digital pathology: Identifying spongiosis in unstained histopathology specimen. , 2015, , .		0
18	Design of Low Cost Programmable LED Lighting System for Smart Buildings. , 2020, , .		0