

# Ye-Chow Kuang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4992535/publications.pdf>

Version: 2024-02-01

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  | Roadmap on signal processing for next generation measurement systems. Measurement Science and Technology, 2022, 33, 012002.   | 2.6 | 12        |
| 2  | Maximal Associated Regression: A nonlinear extension to Least Angle Regression. IEEE Access, 2021, , 1-1.   | 4.2 | 2         |
| 3  | Signal-to-Noise Ratio Contributors and Effects in Proximal Near-Infrared Spectral Reflectance Measurement on Plant Leaves. , 2020, , .  |     | 4         |
| 4  | Design of Low Cost Programmable LED Lighting System for Smart Buildings. , 2020, , .  |     | 0         |
| 5  | Classifying Cannabis Sativa Flowers, Stems and Leaves using Statistical Machine Learning with Near-Infrared Hyperspectral Reflectance Imaging. , 2020, , .  |     | 11        |
| 6  | Measurement uncertainty evaluation: Could it help to improve engineering design?. IEEE Instrumentation and Measurement Magazine, 2019, 22, 27-32.   | 1.6 | 6         |
| 7  | Addressing Emerging Needs of Hi-Tech Industry: Collaborative Engineering Program in Electronic Testing, Instrumentation and Measurement. , 2019, , .  |     | 2         |
| 8  | 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        |
| 9  | Moment-Constrained Maximum Entropy Method for Expanded Uncertainty Evaluation. IEEE Access, 2018, 6, 4072-4082.   | 4.2 | 23        |
| 10 | Measured Quantity Value Estimator for Multiplicative Nonlinear Measurement Models. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 715-722.   | 4.7 | 1         |
| 11 | Reliability-based design optimisation of technical systems: analytical response surface moments method. Journal of Engineering, 2017, 2017, 36-46.  | 1.1 | 10        |
| 12 | Photocurrent measurement through frequency domain analysis. , 2015, , .   |     | 0         |
| 13 | Digital pathology: Identifying spongiosis in unstained histopathology specimen. , 2015, , .   |     | 0         |
| 14 | Assistive technology for relieving communication lumber between hearing/speech impaired and hearing people. Journal of Engineering, 2014, 2014, 312-323.  | 1.1 | 3         |
| 15 | Analytic standard uncertainty evaluation of polynomial in normal/uniform random variables. , 2013, , .  |     | 2         |
| 16 | Electrical Power Monitoring System Using Thermochron Sensor and 1-Wire Communication Protocol. , 2008, , .  |     | 7         |
| 17 | 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         |
| 18 | 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        |