

Yue Hu

List of Publications by Year in descending order

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15
papers

578
citations

840776

11
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

414
citing authors

#	ARTICLE	IF	CITATIONS
1	An enhanced empirical wavelet transform for noisy and non-stationary signal processing. , 2017, 60, 220-229.		118
2	High-order synchrosqueezing wavelet transform and application to planetary gearbox fault diagnosis. Mechanical Systems and Signal Processing, 2019, 131, 126-151.	8.0	84
3	Demodulated High-Order Synchrosqueezing Transform With Application to Machine Fault Diagnosis. IEEE Transactions on Industrial Electronics, 2019, 66, 3071-3081.	7.9	64
4	An Adaptive Spectral Kurtosis Method and its Application to Fault Detection of Rolling Element Bearings. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 739-750.	4.7	58
5	Second-Order Synchroextracting Transform with Application to Fault Diagnosis. IEEE Transactions on Instrumentation and Measurement, 2020, , 1-1.	4.7	42
6	Generalized Horizontal Synchrosqueezing Transform: Algorithm and Applications. IEEE Transactions on Industrial Electronics, 2021, 68, 5293-5302.	7.9	36
7	Gaussian-modulated linear group delay model: Application to second-order time-reassigned synchrosqueezing transform. Signal Processing, 2020, 167, 107275.	3.7	30
8	Second-Order Transient-Extracting Transform With Application to Time-Frequency Filtering. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5428-5437.	4.7	26
9	An Effective Chatter Detection Method in Milling Process Using Morphological Empirical Wavelet Transform. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5546-5555.	4.7	26
10	Horizontal Synchrosqueezing Transform: Algorithm and Applications. IEEE Sensors Journal, 2020, 20, 4353-4360.	4.7	25
11	Instantaneous Frequency Estimation for Nonlinear FM Signal Based on Modified Polynomial Chirplet Transform. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 2898-2908.	4.7	24
12	Bayesian Estimation of Instantaneous Speed for Rotating Machinery Fault Diagnosis. IEEE Transactions on Industrial Electronics, 2021, 68, 8842-8852.	7.9	14
13	Parameterized Synchrosqueezing Transform With Application to Machine Fault Diagnosis. IEEE Sensors Journal, 2019, 19, 8107-8115.	4.7	12
14	Generalized Transient-Extracting Transform and Its Accurate Signal Reconstruction. IEEE Transactions on Industrial Electronics, 2022, 69, 10552-10563.	7.9	10
15	Generalized wavelet-based synchrosqueezing transform: Algorithm and applications. Structural Health Monitoring, 2020, 19, 2051-2062.	7.5	9