Bingyan Chen

List of Publications by Year
in descending order

12 papers	312 citations	1040056 9 h-index	1281871 11 g-index
13 all docs	13 docs citations	13 times ranked	100 citing authors

#	Article	IF	Citations
1	A novel blind deconvolution method and its application to fault identification. Journal of Sound and Vibration, 2019, 460, 114900.	3.9	56
2	Adaptive Multipoint Optimal Minimum Entropy Deconvolution Adjusted and Application to Fault Diagnosis of Rolling Element Bearings. IEEE Sensors Journal, 2019, 19, 12153-12164.	4.7	56
3	Blind deconvolution assisted with periodicity detection techniques and its application to bearing fault feature enhancement. Measurement: Journal of the International Measurement Confederation, 2020, 159, 107804.	5.0	37
4	An improved envelope spectrum via candidate fault frequency optimization-gram for bearing fault diagnosis. Journal of Sound and Vibration, 2022, 523, 116746.	3.9	37
5	A performance enhanced time-varying morphological filtering method for bearing fault diagnosis. Measurement: Journal of the International Measurement Confederation, 2021, 176, 109163.	5.0	34
6	Optimal frequency band selection using blind and targeted features for spectral coherence-based bearing diagnostics: A comparative study. ISA Transactions, 2022, 127, 395-414.	5.7	24
7	Investigations on improved Gini indices for bearing fault feature characterization and condition monitoring. Mechanical Systems and Signal Processing, 2022, 176, 109165.	8.0	19
8	IGIgram: An Improved Gini Index-Based Envelope Analysis for Rolling Bearing Fault Diagnosis. , 0, , 111-124.		19
9	Enhanced bearing fault diagnosis using integral envelope spectrum from spectral coherence normalized with feature energy. Measurement: Journal of the International Measurement Confederation, 2022, 189, 110448.	5.0	13
10	Investigation on enhanced mathematical morphological operators for bearing fault feature extraction. ISA Transactions, 2022, 126, 440-459.	5.7	11
11	Fault diagnosis of rolling bearings based on enhanced optimal morphological gradient product filtering. Measurement: Journal of the International Measurement Confederation, 2022, 196, 111279.	5.0	3
12	A novel spectral coherence-based envelope spectrum for railway axle-box bearing damage identification. Structural Health Monitoring, 2023, 22, 879-896.	7.5	3