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 spectral coherence-based envelope spectrum for railway axle-box bearing damage identification. Structural Health Monitoring, 2023, 22, 879-896.	7.5	3
2	Investigation on enhanced mathematical morphological operators for bearing fault feature extraction. ISA Transactions, 2022, 126, 440-459.	5.7	11
3	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
4	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
5	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
6	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
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	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
9	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
10	A novel blind deconvolution method and its application to fault identification. Journal of Sound and Vibration, 2019, 460, 114900.	3.9	56
11	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
12	IGIgram: An Improved Gini Index-Based Envelope Analysis for Rolling Bearing Fault Diagnosis. , 0, , 111-124.		19