Zhang Xining

List of Publications by Year
in descending order

17 papers	393 citations	840119 11 h-index	887659 17 g-index
18 all docs	18 docs citations	18 times ranked	399 citing authors

#	ARTICLE	IF	CITATIONS
1	Bearing Fault Diagnosis Based on the Maximum Squared-Enveloped Multipoint Kurtosis Morphological Deconvolution. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	2.4	9
2	Performance analysis of IPMC electrode based on the densest packing principle. Journal of Materials Research, 2021, 36, 1295-1305.	1.2	8
3	Multiscale holospectrum convolutional neural network-based fault diagnosis of rolling bearings with variable operating conditions. Measurement Science and Technology, 2021, 32, 105027.	1.4	19
4	Fabrication of Cu/Nafion-Based Ionic Polymer Metal Composites by Electroless Plating Method. Integrated Ferroelectrics, 2020, 209, 48-57.	0.3	12
5	Actuation Modeling of Ionic–Polymer Metal Composite Actuators Using Micromechanics Approach. Advanced Engineering Materials, 2020, 22, 2000537.	1.6	22
6	Surface roughening of Nafion membranes using different route planning for IPMCs. International Journal of Smart and Nano Materials, 2020, 11, 117-128.	2.0	14
7	Property of Nafion-ionic polymer-metal composites based on Mori–Tanaka methodology and gradient mechanics. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	5
8	Property of ionic polymer metal composite with different thicknesses based on solution casting technique. International Journal of Modern Physics B, 2020, 34, 2050263.	1.0	11
9	Fabrication and Actuation of Cu-Ionic Polymer Metal Composite. Polymers, 2020, 12, 460.	2.0	13
10	A fault information-oriented weighted nuclear norm minimization method and its application to fault feature extraction in a rolling bearing. Measurement Science and Technology, 2020, 31, 065103.	1.4	6
11	Prediction of the Actuation Property of Cu Ionic Polymer–Metal Composites Based on Backpropagation Neural Networks. ACS Omega, 2020, 5, 4067-4074.	1.6	23
12	Periodical sparse low-rank matrix estimation algorithm for fault detection of rolling bearings. ISA Transactions, 2020, 101, 366-378.	3.1	23
13	Models of displacement and blocking force of ionic-polymer metal composites based on actuation mechanism. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	16
14	Fault diagnosis of rolling bearing under fluctuating speed and variable load based on TCO Spectrum and Stacking Auto-encoder. Measurement: Journal of the International Measurement Confederation, 2019, 138, 162-174.	2.5	58
15	A novel bearing fault diagnosis method based on 2D image representation and transfer learning-convolutional neural network. Measurement Science and Technology, 2019, 30, 055402.	1.4	105
16	Improved local cepstrum and its applications for gearbox and rolling bearing fault detection. Measurement Science and Technology, 2019, 30, 075007.	1.4	15
17	A new calculation method for Bode and Nyquist diagrams of rotor startup or shutdown and its application. , 2014, , .		0