

Bo Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7774325/publications.pdf>

Version: 2024-02-01

13
papers

664
citations

1039406

9
h-index

1281420

11
g-index

13
all docs

13
docs citations

13
times ranked

431
citing authors

#	ARTICLE	IF	CITATIONS
1	Intelligent fault diagnosis of rolling bearings based on normalized CNN considering data imbalance and variable working conditions. Knowledge-Based Systems, 2020, 199, 105971.	4.0	220
2	Deep multi-scale convolutional transfer learning network: A novel method for intelligent fault diagnosis of rolling bearings under variable working conditions and domains. Neurocomputing, 2020, 407, 24-38.	3.5	105
3	An improved time-varying mesh stiffness model for helical gear pairs considering axial mesh force component. Mechanical Systems and Signal Processing, 2018, 106, 413-429.	4.4	102
4	Deep multi-scale adversarial network with attention: A novel domain adaptation method for intelligent fault diagnosis. Journal of Manufacturing Systems, 2021, 59, 565-576.	7.6	60
5	A method for rapidly evaluating reliability and predicting remaining useful life using two-dimensional convolutional neural network with signal conversion. Journal of Mechanical Science and Technology, 2019, 33, 2561-2571.	0.7	48
6	An analytical-finite-element method for calculating mesh stiffness of spur gear pairs with complicated foundation and crack. Engineering Failure Analysis, 2018, 94, 339-353.	1.8	46
7	Deep multi-scale separable convolutional network with triple attention mechanism: A novel multi-task domain adaptation method for intelligent fault diagnosis. Expert Systems With Applications, 2021, 182, 115087.	4.4	35
8	A robust construction of normalized CNN for online intelligent condition monitoring of rolling bearings considering variable working conditions and sources. Measurement: Journal of the International Measurement Confederation, 2021, 174, 108973.	2.5	23
9	Multiscale Graph-Guided Convolutional Network With Node Attention for Intelligent Health State Diagnosis of a 3-PRR Planar Parallel Manipulator. IEEE Transactions on Industrial Electronics, 2022, 69, 11733-11743.	5.2	14
10	A Novel Semi-Supervised Graph-Guided Approach for Intelligent Health State Diagnosis of a 3-PRR Planar Parallel Manipulator. IEEE/ASME Transactions on Mechatronics, 2022, 27, 4786-4797.	3.7	6
11	Time-varying mesh stiffness analysis of a single-roller enveloping hourglass worm gear. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 578-592.	1.1	5
12	A Novel Assessment Metric for Intelligent Fault Diagnosis of Rolling Bearings with Different Fault Severities and Orientations. , 2021, , .		0
13	An Interval-based Method for Calculating Performance Variation of Reflector Antenna. DEStech Transactions on Engineering and Technology Research, 2018, , .	0.0	0