

Mian Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3990457/publications.pdf>

Version: 2024-02-01

12
papers

226
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

168
citing authors

#	ARTICLE	IF	CITATIONS
1	An adaptive order-band energy ratio method for the fault diagnosis of planetary gearboxes. <i>Mechanical Systems and Signal Processing</i> , 2022, 165, 108336.	8.0	14
2	An improved sideband energy ratio for fault diagnosis of planetary gearboxes. <i>Journal of Sound and Vibration</i> , 2021, 491, 115712.	3.9	15
3	An improved phenomenological model of vibrations for planetary gearboxes. <i>Journal of Sound and Vibration</i> , 2021, 496, 115919.	3.9	15
4	Motion characteristics of untethered swimmer with magnetoelastic material. <i>Smart Materials and Structures</i> , 2021, 30, 075030.	3.5	7
5	Intelligent fault diagnosis of a planetary gearbox based on dynamic frequency energy ratio scheme. <i>Measurement Science and Technology</i> , 2021, 32, 104013.	2.6	7
6	One-Class Support Vector Machine Based Schemes for Structural Reliability Assessment Under Imbalanced Sample Conditions. <i>IEEE Access</i> , 2020, 8, 184350-184359.	4.2	7
7	Surface damage detection for steel wire ropes using deep learning and computer vision techniques. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 161, 107843.	5.0	49
8	Motion periods of sun gear dynamic fault meshing positions in planetary gear systems. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 162, 107897.	5.0	18
9	A Fault Diagnostic Scheme Based on Capsule Network for Rolling Bearing under Different Rotational Speeds. <i>Sensors</i> , 2020, 20, 1841.	3.8	7
10	Sweep excitation with order tracking: A new tactic for beam crack analysis. <i>Journal of Sound and Vibration</i> , 2018, 420, 129-141.	3.9	8
11	Motion Periods of Planet Gear Fault Meshing Behavior. <i>Sensors</i> , 2018, 18, 3802.	3.8	16
12	Amplitudes of characteristic frequencies for fault diagnosis of planetary gearbox. <i>Journal of Sound and Vibration</i> , 2018, 432, 119-132.	3.9	63