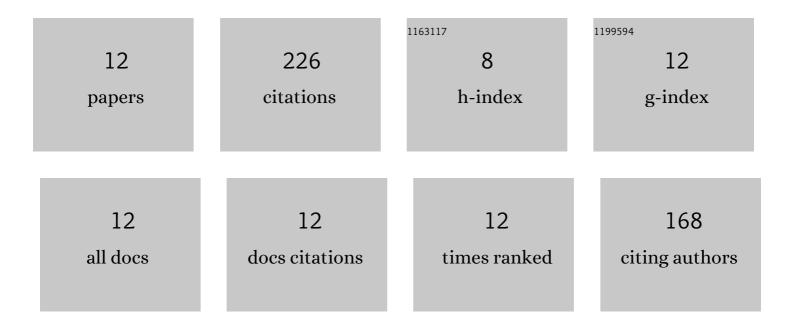
## Mian Zhang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3990457/publications.pdf Version: 2024-02-01



ΜΙΔΝ ΖΗΔΝΟ

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