

Yabin Guan

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

57
citations

2258059

3
h-index

1720034

7
g-index

11
all docs

11
docs citations

11
times ranked

30
citing authors

#	ARTICLE	IF	CITATIONS
1	A quick multi-step discretization and parallelization wear simulation model for crown gear coupling with misalignment angle. <i>Mechanism and Machine Theory</i> , 2022, 168, 104576.	4.5	5
2	Study on Structural Vibration Characteristics of L-Shaped Flexible Ring Gear and Establishment of System Coupling Vibration Model. <i>Machines</i> , 2022, 10, 339.	2.2	1
3	Characteristics analysis of the new flexible ring gear for helicopter reducer. <i>Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics</i> , 2021, 235, 353-374.	0.8	1
4	Meshing impact analysis of planetary transmission system considering the influence of multiple errors and its effect on the load sharing and dynamic load factor characteristics of the system. <i>Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics</i> , 2021, 235, 57-74.	0.8	5
5	An experimental investigation of contact characteristics of crown gear coupling with angular misalignment. <i>Journal of Advanced Mechanical Design, Systems and Manufacturing</i> , 2021, 15, JAMDSM0062-JAMDSM0062.	0.7	0
6	Dynamic analysis of a helical gear reduction by experimental and numerical methods. <i>Noise Control Engineering Journal</i> , 2020, 68, 48-58.	0.3	3
7	Computerized generation and simulation of meshing of a novel crown gear coupling avoiding edge contact. <i>Journal of Advanced Mechanical Design, Systems and Manufacturing</i> , 2019, 13, JAMDSM0055-JAMDSM0055.	0.7	2
8	Comparative analysis of three geometric models for crown gear coupling. <i>Mechanism and Machine Theory</i> , 2019, 136, 269-283.	4.5	12
9	Effects of misalignment and crowning on contact characteristics of crown gear coupling. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2019, 233, 4397-4417.	2.1	4
10	Tooth contact analysis of crown gear coupling with misalignment. <i>Mechanism and Machine Theory</i> , 2018, 126, 295-311.	4.5	24
11	Internal flow field analysis of heterogeneous porous scaffold for bone tissue engineering. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 0, , 1-13.	1.6	0