

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