

Hsueh-Cheng Yang

List of Publications by Year in descending order

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12
papers

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2258059

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docs citations

12
times ranked

8
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinematic errors on helical gear of triple circular-arc teeth. Journal of Mechanical Science and Technology, 2014, 28, 3137-3146.	1.5	6
2	Theoretical Investigation of a Planar Rack Cutter with Variable Diametral Pitch. Arabian Journal for Science and Engineering, 2016, 41, 1585-1594.	1.1	3
3	Using an Imaginary Planar Rack Cutter to Create a Spherical Gear Pair with Continue Involute Teeth. Arabian Journal for Science and Engineering, 2017, 42, 4725-4735.	3.0	3
4	Kinematic performance of a parabolic gear tooth with two parabolic coefficients. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2017, 231, 4431-4440.	2.1	3
5	Mathematical model of S-shaped gear surface. Journal of Mechanical Science and Technology, 2021, 35, 2841-2850.	1.5	3
6	Investigation of a flea gear tooth modification. Journal of Mechanical Science and Technology, 2022, 36, 1209-1220.	1.5	2
7	Mathematical model and manufacturing of a human or a robotic knee joint. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2017, 11, JAMDSM0002-JAMDSM0002.	0.7	1
8	Profile Analysis for a Gear With Conical Teeth. Journal of Testing and Evaluation, 2017, 45, 1081-1089.	0.7	1
9	A helical gear with discrete ring-involute teeth. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2020, 234, 1554-1568.	2.1	0
10	Kinematic Errors on a C-Type Gear with a Parabolic Surface. Journal of Testing and Evaluation, 2018, 46, 2557-2568.	0.7	0
11	Investigation on the generation of bevel gear by disk tool with curved tooth surface of trapezoidal tooth profile. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 0, , 095440622210795.	2.1	0
12	Double modification of a rack cutter using a variable pressure angle and modulus. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 0, , 095440622110704.	2.1	0