

Jonghyeon Sohn

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

68
citations

1684188
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h-index

1720034
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g-index

7
all docs

7
docs citations

7
times ranked

40
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometric interference in cylindrical worm gear drives using oversized hob to cut worm gears. Mechanism and Machine Theory, 2016, 100, 83-103.	4.5	23
2	Vibration analysis of a planetary gear system based on the transfer matrix method. Journal of Mechanical Science and Technology, 2016, 30, 611-621.	1.5	11
3	Modified worm gear hobbing for symmetric longitudinal crowning in high lead cylindrical worm gear drives. Mechanism and Machine Theory, 2017, 117, 133-147.	4.5	11
4	Study on the influence of gear hobbing and shaft misalignments on the geometric interference of cylindrical worm gear set. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2017, 231, 4646-4654.	2.1	7
5	A Generalized Hypoid Gear Synthesized With Common Crown Rack Positioned Between Pinion and Gear Blanks. Journal of Mechanical Design, Transactions of the ASME, 2017, 139, .	2.9	6
6	Statistical Analysis for Transmission Error of Gear System with Mechanical and Thermal Deformation Uncertainties. Applied Sciences (Switzerland), 2021, 11, 6582.	2.5	6
7	Tooth modification for optimizing gear contact of a wind-turbine gearbox. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2016, 230, 1318-1330.	2.1	4