

# Gang Li

## List of Publications by Year in descending order

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17  
papers

182  
citations

1307594

7  
h-index

1281871

11  
g-index

17  
all docs

17  
docs citations

17  
times ranked

63  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of Surface Wear of Involute Gears Based on a Modified Fractal Method. <i>Journal of Tribology</i> , 2019, 141, .	1.9	29
2	Design and power loss evaluation of a noncircular gear pair for an infinitely variable transmission. <i>Mechanism and Machine Theory</i> , 2021, 156, 104137.	4.5	20
3	An Elastic Transmission Error Compensation Method for Rotary Vector Speed Reducers Based on Error Sensitivity Analysis. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 481.	2.5	19
4	A function-oriented active form-grinding method for cylindrical gears based on error sensitivity. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 92, 3019-3031.	3.0	18
5	The modeling approach of digital real tooth surfaces of hypoid gears based on non-geometric-feature segmentation and interpolation algorithm. <i>International Journal of Precision Engineering and Manufacturing</i> , 2016, 17, 281-292.	2.2	17
6	Error-sensitivity analysis for hypoid gears using a real tooth surface contact model. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2017, 231, 507-521.	2.1	17
7	An Active Ease-Off Topography Modification Approach for Hypoid Pinions Based on a Modified Error Sensitivity Analysis Method. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2019, 141, .	2.9	14
8	Conjugate approach for hypoid gears frictional loss comparison between different roughness patterns under mixed elasto-hydrodynamic lubrication regime. <i>Tribology International</i> , 2019, 140, 105884.	5.9	10
9	Experimental Investigation on Control of an Infinitely Variable Transmission System for Tidal Current Energy Converters. <i>IEEE/ASME Transactions on Mechatronics</i> , 2021, 26, 1960-1967.	5.8	7
10	Theoretical and experimental investigation on an integral time-delay feedback control combined with a closed-loop control for an infinitely variable transmission system. <i>Mechanism and Machine Theory</i> , 2021, 164, 104410.	4.5	7
11	Research on Virtual Hobbing Simulation and Study of Tooth Surface Accuracy of Involute Helical Gears. <i>Applied Mechanics and Materials</i> , 0, 155-156, 601-605.	0.2	5
12	Tooth Contact Analysis of Herringbone Rack Gears of an Impulse Continuously Variable Transmission. <i>International Journal of Automotive Science and Technology</i> , 0, , 52-57.	1.0	5
13	Design and Modeling of an Impulse Continuously Variable Transmission with a Rotational Swashplate. <i>International Journal of Automotive Science and Technology</i> , 0, , .	1.0	5
14	Time-delay closed-loop control of an infinitely variable transmission system for tidal current energy converters. <i>Renewable Energy</i> , 2022, 189, 1120-1132.	8.9	5
15	Gear Bending Stress Analysis of Automatic Transmissions with Different Fillet Curves. <i>International Journal of Automotive Science and Technology</i> , 0, , 100-106.	1.0	3
16	A Non-Destructive Health Evaluation Method for Wooden Utility Poles with Frequency-Modulated Empirical Mode Decomposition and Laplace Wavelet Correlation Filtering. <i>Sensors</i> , 2022, 22, 4007.	3.8	1
17	Free and Forced Vibration Analysis of H-type and Hybrid Vertical-Axis Wind Turbines. <i>Energies</i> , 2020, 13, 6747.	3.1	0