

# Hao Tian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1028546/publications.pdf>

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11  
papers

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citations

1684188  
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docs citations

11  
times ranked

49  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coil Inductance Model Based Solenoid on-Off Valve Spool Displacement Sensing via Laser Calibration. Sensors, 2018, 18, 4492.	3.8	14
2	Modeling and Experimental Studies on the Absorption of Entrained Gas and the Influence on Fluid Compressibility. Journal of Fluids Engineering, Transactions of the ASME, 2017, 139, .	1.5	11
3	Gear Tooth Profile Reconstruction via Geometrically Compensated Laser Triangulation Measurements. Sensors, 2019, 19, 1589.	3.8	10
4	Valve Timing Control for a Digital Displacement Hydraulic Motor Using an Angle-Domain Repetitive Controller. IEEE/ASME Transactions on Mechatronics, 2019, 24, 1306-1315.	5.8	10
5	Dynamic Pressure Simulation of an External Gear Pump With Relief Chamber Using a Morphological Approach. IEEE Access, 2018, 6, 77509-77518.	4.2	7
6	Evaporation Phenomenon in Micro Polymerase Chain Reaction (qPCR) System and a Possible Electrowetting Solution. Journal of Adhesion Science and Technology, 2012, 26, 2125-2134.	2.6	2
7	Study of piston trajectory parameters on the performance of a kinetic Stirling engine. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2022, 236, 865-874.	1.4	2
8	Geometric Optimization of a Hydraulic Motor Rotary Valve. , 2013, , .		0
9	Experimental Study of the Influence of Valve Timing on Hydraulic Motor Efficiency. , 2015, , .		0
10	Modeling and Validation of an Electrohydraulic Power Take-Off System for a Portable Wave Energy Converter with Compressed Energy Storage. Energies, 2019, 12, 3378.	3.1	0
11	Simulation and Experimental Study of the Influence of Tooth Profile on the Pressure Pulsation of an External Gear Motor. , 2019, , .		0