

John Lumkes

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

72
citations

1684188
5
h-index

1720034
7
g-index

7
all docs

7
docs citations

7
times ranked

52
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical Coupled Modeling and Model Validation of Hydraulic On/Off Valves. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2010, 132, .	1.6	21
2	Model Development and Experimental Analysis of a Virtually Variable Displacement Pump System. International Journal of Fluid Power, 2009, 10, 17-27.	0.7	17
3	The impact of peak-and-hold and reverse current solenoid driving strategies on the dynamic performance of commercial cartridge valves in a digital pump/motor. International Journal of Fluid Power, 2016, 17, 37-47.	0.7	11
4	Comparative Study Of Position Control with 2-Way and 3-Way on/off Electrohydraulic Valves. International Journal of Fluid Power, 2010, 11, 21-32.	0.7	8
5	Comparative Study of Digital Hydraulics and Digital Electronics. International Journal of Fluid Power, 2010, 11, 45-51.	0.7	7
6	Development of a novel high-speed actuation mechanism using a magneto-rheological fluid clutch and its application to a fluid control valve. Journal of Intelligent Material Systems and Structures, 2019, 30, 2502-2516.	2.5	6
7	Viscosity Dependence of Static Friction in Lubricated Metallic Line Contacts. Tribology Transactions, 2011, 54, 333-340.	2.0	2