

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