

Yasukazu Sato

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

124
citations

1478505

6
h-index

1372567

10
g-index

16
all docs

16
docs citations

16
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the Overall Efficiency of an Electro-hydraulic Drive System by using Efficiency Maps. JFPS International Journal of Fluid Power System, 2021, 14, 10-18.	0.3	0
2	Development of Hydraulic Pump Drive System Using Switched Reluctance Motor with Servo Function. Journal of Robotics and Mechatronics, 2020, 32, 984-993.	1.0	6
3	Three-Phase AC Linear Proportional Solenoid Actuator With Zero Hysteresis in Currentâ€“Thrust Force Characteristics. IEEE Transactions on Magnetics, 2019, 55, 1-8.	2.1	5
4	Sensorless Torque and Thrust Estimation of a Rotational/Linear Two Degrees-of-Freedom Switched Reluctance Motor. IEEE Transactions on Magnetics, 2016, 52, 1-4.	2.1	17
5	Power-Saving Magnetizing Device for Magnetorheological Fluid Control Using Permanent Magnet. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	3
6	Linear and Angular Position Sensing for Two- Degrees-of-Freedom Motor. International Journal on Smart Sensing and Intelligent Systems, 2014, 7, 1-6.	0.7	2
7	Power-Saving Magnetization for Magnetorheological Fluid Control Using a Combination of Permanent Magnet and Electromagnet. IEEE Transactions on Magnetics, 2012, 48, 3521-3524.	2.1	15
8	Digital/Analog Hybrid Magnetization of Magnetorheological Fluids for Expansion of Their Controllable Viscosity Range. IEEE Transactions on Magnetics, 2012, 48, 3760-3763.	2.1	0
9	Power-Saving Drive in 2-Position Control of Giant-Magnetostrictive Actuator. IEEE Transactions on Magnetics, 2009, 45, 4554-4557.	2.1	7
10	Optimization of CAE Input Model in Solenoid Actuator Design. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2007, 73, 944-951.	0.2	0
11	Development of a 2-Degree-of-Freedom Rotational/Linear Switched Reluctance Motor. IEEE Transactions on Magnetics, 2007, 43, 2564-2566.	2.1	44
12	160MPa COMMON-RAIL DIESEL FUEL INJECTOR CONTROLLED BY A TANDEM ARRAYED GIANT-MAGNETOSTRICTIVE ACTUATOR. Proceedings of the JFPS International Symposium on Fluid Power, 2002, 2002, 485-490.	0.1	0
13	Development of a common-rail proportional injector controlled by a tandem arrayed giant magnetostrictive actuator. Review of Automotive Engineering, 2001, 22, 369-371.	0.2	9
14	Characteristics of a Proportional Injector for Common Rail Injection System. 1st Report. Injection Characteristics by a Switching Pilot-Valve.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2000, 66, 1857-1860.	0.2	6
15	FEM ANALYSIS AND MEASUREMENT ON THE EDDY-CURRENT IN MAGNETIC CIRCUIT OF PWM ON/OFF-AND PROPORTIONAL-SOLENOID VALVES. Proceedings of the JFPS International Symposium on Fluid Power, 1996, 1996, 385-390.	0.1	0
16	Development of a Common-Rail Proportional Injector Controlled by a Tandem Arrayed Giant-Magnetostrictive-Actuator. , 0, , .		10