

Yongguang Liu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

127
citations

1478505

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1281871

11
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26
all docs

26
docs citations

26
times ranked

118
citing authors

#	ARTICLE	IF	CITATIONS
1	Research of giant magnetostrictive actuator's nonlinear dynamic behaviours. <i>Nonlinear Dynamics</i> , 2018, 92, 793-802.	5.2	21
2	Giant magnetostrictive actuator nonlinear dynamic Jiles's Atherton model. <i>Sensors and Actuators A: Physical</i> , 2016, 250, 7-14.	4.1	18
3	Nonlinear Modeling of Transmission Performance for Permanent Magnet Eddy Current Coupler. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-14.	1.1	12
4	Research of Control Strategy in the Large Electric Cylinder Position Servo System. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-6.	1.1	9
5	An Improved Analytical Model of Permanent Magnet Eddy Current Magnetic Coupler Based on Electromagnetic-Thermal Coupling. <i>IEEE Access</i> , 2020, 8, 95235-95250.	4.2	9
6	Active vibration control based on modal controller considering structure-actuator interaction. <i>Journal of Mechanical Science and Technology</i> , 2018, 32, 3515-3521.	1.5	8
7	Research on Control Strategy in Giant Magnetostrictive Actuator Based on Lyapunov Stability. <i>IEEE Access</i> , 2019, 7, 77254-77260.	4.2	8
8	Design, modeling and characteristics research of a novel self-air-cooling reciprocating compressor. <i>International Journal of Refrigeration</i> , 2021, 128, 62-70.	3.4	8
9	Research of Impact Load in Large Electrohydraulic Load Simulator. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-7.	1.1	5
10	A modified adaptive filtering algorithm with online secondary path identification used for suppressing gearbox vibration. <i>Journal of Mechanical Science and Technology</i> , 2016, 30, 4833-4843.	1.5	5
11	Structural design of giant magnetostrictive actuator. <i>AIP Advances</i> , 2018, 8, 065211.	1.3	5
12	An improved performance prediction model of permanent magnet eddy current couplings based on eddy current inductance characteristics. <i>AIP Advances</i> , 2019, 9, 035350.	1.3	5
13	Parameter identification based on modified simulated annealing differential evolution algorithm for giant magnetostrictive actuator. <i>AIP Advances</i> , 2018, 8, .	1.3	4
14	Design, Analysis and Testing of a Component Head Injury Criterion Tester for Pilot. <i>IEEE Access</i> , 2019, 7, 114888-114896.	4.2	3
15	Design, Analysis and Testing of a Hydraulic Catapult System. <i>IEEE Access</i> , 2022, 10, 67482-67492.	4.2	2
16	Sensitive parameters' optimization of the permanent magnet supporting mechanism. <i>Journal of Mechanical Science and Technology</i> , 2014, 28, 2707-2714.	1.5	1
17	Feeding devices of eddy current testing on Titanium Alloy tube. , 2015, , .		1
18	Performance analysis and design of self-air-cooling reciprocating compressor's cooling system. <i>Science China Technological Sciences</i> , 2020, 63, 2631-2639.	4.0	1

#	ARTICLE	IF	CITATIONS
19	Thermodynamic Analysis of a Novel Self-Air-Cooling Reciprocating Compressor. IEEE Access, 2021, 9, 79225-79235.	4.2	1
20	Model and simulation of ball target driven by vector-control asynchronous motor. , 2011, , .		0
21	Optimization Design of the Ultra-High-Speed Vertical Rotor's Supporting Mechanism. Mathematical Problems in Engineering, 2014, 2014, 1-11.	1.1	0
22	Research of Jiles-Atherton Dynamic Model in Giant Magnetostrictive Actuator. Mathematical Problems in Engineering, 2016, 2016, 1-8.	1.1	0
23	The Design of Magnetic Couplings Measuring and Controlling System. , 2018, , .		0
24	Research on key structural parameters for multi-stage reciprocating compressor. , 2018, , .		0
25	Energetic Macroscopic Representation of Self-Air-Cooling Reciprocating Compressor's Cooling System. IEEE Access, 2020, 8, 61131-61137.	4.2	0