

Pingan Yang

List of Publications by Year in descending order

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69
papers

1,047
citations

430874

18
h-index

454955

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69
all docs

69
docs citations

69
times ranked

1167
citing authors

#	ARTICLE	IF	CITATIONS
1	Macranthoidin B (MB) Promotes Oxidative Stress-Induced Inhibiting of Hepa1-6 Cell Proliferation via Selenoprotein. <i>Biological Trace Element Research</i> , 2023, 201, 368-376.	3.5	4
2	Schisandrin B Induced ROS-Mediated Autophagy and Th1/Th2 Imbalance via Selenoproteins in Hepa1-6 Cells. <i>Frontiers in Immunology</i> , 2022, 13, 857069.	4.8	8
3	Photoredox Generation of N-Centered Hydrazone Radicals Enables the Construction of Dihydropyrazole-Fused <i>gem</i> -Difluoroalkenes. <i>Organic Letters</i> , 2021, 23, 6153-6157.	4.6	36
4	Time delay analysis and constant time-delay compensation control for MRE vibration control system with multiple-frequency excitation. <i>Smart Materials and Structures</i> , 2020, 29, 014001.	3.5	26
5	Significantly enhanced energy storage performance of flexible composites using sodium bismuth titanate based lead-free fillers. <i>Journal of Materials Chemistry C</i> , 2020, 8, 14910-14918.	5.5	26
6	First-Principles Calculations of Gas-Sensing Properties of Pd Clusters Decorated AlNNTs to Dissolved Gases in Transformer Oil. <i>IEEE Access</i> , 2020, 8, 162692-162700.	4.2	6
7	Synthesis and microwave absorption properties of Fe@carbon fibers. <i>RSC Advances</i> , 2020, 10, 32561-32568.	3.6	19
8	Effects of microplastics and earthworm burrows on soil macropore water flow within a laboratory soil column setup. <i>Vadose Zone Journal</i> , 2020, 19, e20059.	2.2	14
9	Effect of lycorine on the structure and function of hepatoma cell membrane <i>in vitro</i> and <i>in vivo</i> . <i>Biotechnology and Biotechnological Equipment</i> , 2020, 34, 104-114.	1.3	6
10	Fuzzy-neural network control for a Magnetorheological elastomer vibration isolation system. <i>Smart Materials and Structures</i> , 2020, 29, 074001.	3.5	18
11	Platinum modified MoS ₂ monolayer for adsorption and gas sensing of SF ₆ decomposition products: a DFT study. <i>High Voltage</i> , 2020, 5, 454-462.	4.7	85
12	<i>H</i> control for a semi-active scissors linkage seat suspension with magnetorheological damper. <i>Journal of Intelligent Material Systems and Structures</i> , 2019, 30, 708-721.	2.5	25
13	Transformer fault diagnosis based on massive vibration data. , 2019, , .		1
14	Characterization of Nucleobases in Broadband Terahertz Spectra from 0.5 to 10 THz with the Air-Biased-Coherent-Detection Technique. <i>Sensors</i> , 2019, 19, 1148.	3.8	9
15	Changes in Carbon Oxidation State of Metagenomes Along Geochemical Redox Gradients. <i>Frontiers in Microbiology</i> , 2019, 10, 120.	3.5	16
16	Study on the Effect of Particle Size on Viscoelastic Properties of Magnetorheological Elastomers. <i>Current Smart Materials</i> , 2019, 4, 59-67.	0.5	4
17	An Inverse Model of Magnetorheological Elastomer Isolator with Neural Network. , 2019, , .		2
18	Ilvaite as a thermodynamic recorder of multistage retrograde alteration in large Galingskarn Fe deposit, western China. <i>Journal of Central South University</i> , 2019, 26, 3534-3550.	3.0	3

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19	Kalman Filtering for Sprung Mass Velocity Estimation of Magnetorheological Suspension for All-Terrain Vehicle. , 2019, , .		0
20	Pt Cluster Modified h-BN for Gas Sensing and Adsorption of Dissolved Gases in Transformer Oil: A Density Functional Theory Study. Nanomaterials, 2019, 9, 1746.	4.1	30
21	Fuzzy control study on a transformer vibration isolation system. , 2018, , .		4
22	Design and implementation of the control system for magnetorheological suspension of all-terrain vehicle. , 2018, , .		0
23	Development and simulation evaluation of a magnetorheological elastomer isolator for transformer vibration control. , 2018, , .		4
24	Genetic algorithm based nonlinear self-tuning fuzzy control for time-varying sinusoidal vibration of a magnetorheological elastomer vibration isolation system. Smart Materials and Structures, 2018, 27, 085010.	3.5	13
25	The damping behavior of magnetorheological gel based on polyurethane matrix. Polymer Composites, 2017, 38, 1248-1258.	4.6	10
26	Ensemble-based Reconstructed Forcing (ERF) for regional climate modeling: Attaining the performance at a fraction of cost. Geophysical Research Letters, 2017, 44, 3290-3298.	4.0	8
27	Modeling of magnetorheological damper using ANFIS. , 2017, , .		2
28	Time-delay analysis of a magnetorheological elastomer actuator for semi-active control. , 2017, , .		4
29	Self-tuning fuzzy control for time-varying excitation vibration isolation system with magnetorheological elastomer actuator. , 2017, , .		0
30	A new self-tuning fuzzy controller for vibration of a flexible structure subjected to multi-frequency excitations. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2017, 231, 614-625.	1.0	2
31	Development and Dynamic Characterization of a Mixed Mode Magnetorheological Elastomer Isolator. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	25
32	An experimental study of vehicle suspension semi-active control with skyhook controller and magneto-rheological dampers. , 2017, , .		2
33	A hazmat transportation monitoring system based on Global Positioning System / Beidou Navigation Satellite System and RS485 bus. , 2016, , .		5
34	Multimodel ensemble simulations of present and future climates over West Africa: Impacts of vegetation dynamics. Journal of Advances in Modeling Earth Systems, 2016, 8, 1411-1431.	3.8	37
35	Neural network modeling of magneto-rheological elastomer isolator. , 2016, , .		1
36	Dynamic mechanical properties of magnetorheological elastomers based on polyurethane matrix. Polymer Composites, 2016, 37, 1587-1595.	4.6	44

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37	Ni-coated multi-walled carbon nanotubes enhanced the magnetorheological performance of magnetorheological gel. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	28
38	A herbal medicine for Alzheimer's disease and its active constituents promote neural progenitor proliferation. <i>Aging Cell</i> , 2015, 14, 784-796.	6.7	85
39	Comparison of RCM and GCM projections of boreal summer precipitation over Africa. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 3679-3699.	3.3	41
40	Experimental study on fuzzy control of flexible beam using piezoelectric stack actuator. , 2015, , .		1
41	Flower-like carbonyl iron powder modified by nanoflakes: Preparation and microwave absorption properties. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	52
42	Dynamic model and parameters identification of piezoelectric stack actuators. , 2014, , .		9
43	Selection Cooperation in Heterogeneous Cooperative Networks. <i>Wireless Personal Communications</i> , 2014, 75, 2089-2102.	2.7	3
44	A Lightweight Selection Cooperation Protocol with Multiple Available Best Relays. <i>IEEE Communications Letters</i> , 2013, 17, 1172-1175.	4.1	11
45	Investigation of magnetostrictive/piezoelectric multilayer composite with a giant zero-biased magnetoelectric effect. <i>Applied Physics A: Materials Science and Processing</i> , 2013, 113, 413-421.	2.3	33
46	Hotspots of the sensitivity of the land surface hydrological cycle to climate change. <i>Science Bulletin</i> , 2013, 58, 3682-3688.	1.7	16
47	Magnetic Field-Dependent Normal Force of Magnetorheological Gel. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 11583-11589.	3.7	43
48	Optimization of Synthesis of Seleno- <i>Sargassum fusiforme</i> (Harv.) Setch. Polysaccharide by Response Surface Methodology, Its Characterization, and Antioxidant Activity. <i>Journal of Chemistry</i> , 2013, 2013, 1-9.	1.9	11
49	Unsteady analysis for oscillatory flow of magnetorheological fluid dampers based on Bingham plastic and Herschel-Bulkley models. <i>Journal of Intelligent Material Systems and Structures</i> , 2013, 24, 1067-1078.	2.5	23
50	Correlation between clothing air gap space and fabric mechanical properties. <i>Journal of the Textile Institute</i> , 2013, 104, 67-77.	1.9	14
51	Effect of adjustable bias voltage on magnetoelectric properties of piezoelectric/magnetostrictive laminate transducer. , 2012, , .		0
52	Application of RFID and GPS Technology in Transportation Vehicles Monitoring System for Dangerous Goods. , 2012, , .		7
53	ADAPTIVE SLIDING MODE FAULT TOLERANT CONTROL FOR SEMI-ACTIVE SUSPENSION USING MAGNETORHEOLOGICAL DAMPERS. , 2011, , .		0
54	RESEARCH ON MAGNETORHEOLOGICAL ELASTOMER ABSORBER AND ITS IMPACT TEST. , 2011, , .		1

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55	Adaptive Sliding Mode Fault-Tolerant Control for Semi-Active Suspension Using Magnetorheological Dampers. <i>Journal of Intelligent Material Systems and Structures</i> , 2011, 22, 1653-1660.	2.5	19
56	Comparative research on semi-active control strategies for Magneto-rheological suspension. <i>Nonlinear Dynamics</i> , 2010, 59, 433-453.	5.2	117
57	Design of CAN communication network in automobile ECU testing system. , 2010, , .		2
58	Analysis and Verification on the Chain-like Model with Normal Distribution of Magnetorheological Elastomer. <i>Chinese Journal of Chemical Physics</i> , 2009, 22, 545-550.	1.3	13
59	Response time of MR suspension system and control compensation. , 2008, , .		0
60	Adaptive fuzzy logical control for impact absorbing. , 2008, , .		0
61	Rapid control prototyping development of intelligent control system of vehicle semi-active suspension. , 2008, , .		2
62	A magnetolectric transducer consisting of magnetostrictive and piezoelectric composite array. , 2008, , .		0
63	Attitude control for rapid robot with Human simulated intelligent control theory. , 2008, , .		0
64	Research on Vehicle Magneto-rheological Suspensions Vibration Control and Test. , 2006, , .		0
65	Design of fuzzy controller for magneto-rheological suspension using a hybrid Taguchi genetic algorithm to improve ride quality. <i>Journal of Advanced Science</i> , 2006, 18, 107-112.	0.1	0
66	HALF CAR MAGNETORHEOLOGICAL SUSPENSION SYSTEM ACCOUNTING FOR NONLINEARITY AND TIME DELAY. <i>International Journal of Modern Physics B</i> , 2005, 19, 1381-1387.	2.0	12
67	HALF CAR MAGNETORHEOLOGICAL SUSPENSION SYSTEM ACCOUNTING FOR NONLINEARITY AND TIME DELAY. , 2005, , .		0
68	ROAD TESTING OF AUTOMOTIVE MR SHOCK ABSORBER. , 2005, , .		0
69	Fuzzy intelligent control of automotive vibration via Magneto-rheological damper. , 0, , .		5