Pingan Yang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/487228/publications.pdf

Version: 2024-02-01

		430874	454955
69	1,047	18	30
papers	citations	h-index	g-index

69	69	69	1167
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparative research on semi-active control strategies forÂmagneto-rheological suspension. Nonlinear Dynamics, 2010, 59, 433-453.	5.2	117
2	A herbal medicine for Alzheimer's disease and its active constituents promote neural progenitor proliferation. Aging Cell, 2015, 14, 784-796.	6.7	85
3	Platinum modified MoS ₂ monolayer for adsorption and gas sensing of SF ₆ decomposition products: a DFT study. High Voltage, 2020, 5, 454-462.	4.7	85
4	Flower-like carbonyl iron powder modified by nanoflakes: Preparation and microwave absorption properties. Applied Physics Letters, 2015, 106, .	3.3	52
5	Dynamic mechanical properties of magnetorheological elastomers based on polyurethane matrix. Polymer Composites, 2016, 37, 1587-1595.	4.6	44
6	Magnetic Field-Dependent Normal Force of Magnetorheological Gel. Industrial & Engineering Chemistry Research, 2013, 52, 11583-11589.	3.7	43
7	Comparison of RCM and GCM projections of boreal summer precipitation over Africa. Journal of Geophysical Research D: Atmospheres, 2015, 120, 3679-3699.	3.3	41
8	Multimodel ensemble simulations of present and future climates over <scp>W</scp>est <scp>A</scp>frica: Impacts of vegetation dynamics. Journal of Advances in Modeling Earth Systems, 2016, 8, 1411-1431.	3.8	37
9	Photoredox Generation of N-Centered Hydrazonyl Radicals Enables the Construction of Dihydropyrazole-Fused gem-Difluoroalkenes. Organic Letters, 2021, 23, 6153-6157.	4.6	36
10	Investigation of magnetostrictive/piezoelectric multilayer composite with a giant zero-biased magnetoelectric effect. Applied Physics A: Materials Science and Processing, 2013, 113, 413-421.	2.3	33
11	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
12	Ni-coated multi-walled carbon nanotubes enhanced the magnetorheological performance of magnetorheological gel. Journal of Nanoparticle Research, 2016, 18, 1.	1.9	28
13	Time delay analysis and constant time-delay compensation control for MRE vibration control system with multiple-frequency excitation. Smart Materials and Structures, 2020, 29, 014001.	3.5	26
14	Significantly enhanced energy storage performance of flexible composites using sodium bismuth titanate based lead-free fillers. Journal of Materials Chemistry C, 2020, 8, 14910-14918.	5.5	26
15	Development and Dynamic Characterization of a Mixed Mode Magnetorheological Elastomer Isolator. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	25
16	H_{âˆž} control for a semi-active scissors linkage seat suspension with magnetorheological damper. Journal of Intelligent Material Systems and Structures, 2019, 30, 708-721.	2.5	25
17	Unsteady analysis for oscillatory flow of magnetorheological fluid dampers based on Bingham plastic and Herschelâ€“Bulkley models. Journal of Intelligent Material Systems and Structures, 2013, 24, 1067-1078.	2.5	23
18	Adaptive Sliding Mode Fault-Tolerant Control for Semi-Active Suspension Using Magnetorheological Dampers. Journal of Intelligent Material Systems and Structures, 2011, 22, 1653-1660.	2.5	19

#	Article	IF	Citations
19	Synthesis and microwave absorption properties of Fe@carbon fibers. RSC Advances, 2020, 10, 32561-32568.	3.6	19
20	Fuzzy-neural network control for a Magnetorheological elastomer vibration isolation system. Smart Materials and Structures, 2020, 29, 074001.	3.5	18
21	Hotspots of the sensitivity of the land surface hydrological cycle to climate change. Science Bulletin, 2013, 58, 3682-3688.	1.7	16
22	Changes in Carbon Oxidation State of Metagenomes Along Geochemical Redox Gradients. Frontiers in Microbiology, 2019, 10, 120.	3.5	16
23	Correlation between clothing air gap space and fabric mechanical properties. Journal of the Textile Institute, 2013, 104, 67-77.	1.9	14
24	Effects of microplastics and earthworm burrows on soil macropore water flow within a laboratory soil column setup. Vadose Zone Journal, 2020, 19, e20059.	2.2	14
25	Analysis and Verification on the Chain-like Model with Normal Distribution of Magnetorheological Elastomer. Chinese Journal of Chemical Physics, 2009, 22, 545-550.	1.3	13
26	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
27	HALF CAR MAGNETORHEOLOGICAL SUSPENSION SYSTEM ACCOUNTING FOR NONLINEARITY AND TIME DELAY. International Journal of Modern Physics B, 2005, 19, 1381-1387.	2.0	12
28	A Lightweight Selection Cooperation Protocol with Multiple Available Best Relays. IEEE Communications Letters, 2013, 17, 1172-1175.	4.1	11
29	Optimization of Synthesis of Seleno-Sargassum fusiforme(Harv.) Setch. Polysaccharide by Response Surface Methodology, Its Characterization, and Antioxidant Activity. Journal of Chemistry, 2013, 2013, 1-9.	1.9	11
30	The damping behavior of magnetorheological gel based on polyurethane matrix. Polymer Composites, 2017, 38, 1248-1258.	4.6	10
31	Dynamic model and parameters identification of piezoelectric stack actuators. , 2014, , .		9
32	Characterization of Nucleobases in Broadband Terahertz Spectra from 0.5 to 10 THz with the Air-Biased-Coherent-Detection Technique. Sensors, 2019, 19, 1148.	3.8	9
33	Ensembleâ€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
34	Schisandrin B Induced ROS-Mediated Autophagy and Th1/Th2 Imbalance via Selenoproteins in Hepa1-6 Cells. Frontiers in Immunology, 2022, 13, 857069.	4.8	8
35	Application of RFID and GPS Technology in Transportation Vehicles Monitoring System for Dangerous Goods. , 2012, , .		7
36	First-Principles Calculations of Gas-Sensing Properties of Pd Clusters Decorated AlNNTs to Dissolved Gases in Transformer Oil. IEEE Access, 2020, 8, 162692-162700.	4.2	6

#	Article	IF	Citations
37	Effect of lycorine on the structure and function of hepatoma cell membrane in vitro and in vivo. Biotechnology and Biotechnological Equipment, 2020, 34, 104-114.	1.3	6
38	Fuzzy intelligent control of automotive vibration via Magneto-rheological damper. , 0, , .		5
39	A hazmat transportation monitoring system based on Global Positioning System / Beidou Navigation Satellite System and RS485 bus. , 2016, , .		5
40	Time-delay analysis of a magnetorheological elastomer actuator for semi-active control. , 2017, , .		4
41	Fuzzy control study on a transformer vibration isolation system. , 2018, , .		4
42	Development and simulation evaluation of a magnetorheological elastomer isolator for transformer vibration control. , 2018, , .		4
43	Study on the Effect of Particle Size on Viscoelastic Properties of Magnetorheological Elastomers. Current Smart Materials, 2019, 4, 59-67.	0.5	4
44	Macranthoidin B (MB) Promotes Oxidative Stress-Induced Inhibiting of Hepa1-6 Cell Proliferation via Selenoprotein. Biological Trace Element Research, 2023, 201, 368-376.	3.5	4
45	Selection Cooperation in Heterogeneous Cooperative Networks. Wireless Personal Communications, 2014, 75, 2089-2102.	2.7	3
46	Ilvaite as a thermodynamic recorder of multistage retrograde alteration in large Galinge skarn Fe deposit, western China. Journal of Central South University, 2019, 26, 3534-3550.	3.0	3
47	Rapid control prototyping development of intelligent control system of vehicle semi-active suspension. , 2008, , .		2
48	Design of CAN communication network in automobile ECU testing system. , 2010, , .		2
49	Modeling of magnetorheological damper using ANFIS. , 2017, , .		2
50	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
51	An Inverse Model of Magnetorheological Elastomer Isolator with Neural Network. , 2019, , .		2
52	An experimental study of vehicle suspension semi-active control with skyhook controller and magneto-rheological dampers. , 2017, , .		2
53	RESEARCH ON MAGNETORHEOLOGICAL ELASTOMER ABSORBER AND ITS IMPACT TEST. , 2011, , .		1
54	Experimental study on fuzzy control of flexible beam using piezoelectric stack actuator. , 2015, , .		1

#	Article	IF	Citations
55	Neural network modeling of magneto-rheological elastomer isolator. , 2016, , .		1
56	Transformer fault diagnosis based on massive vibration data. , 2019, , .		1
57	Research on Vehicle Magneto-rheological Suspensions Vibration Control and Test. , 2006, , .		0
58	Response time of MR suspension system and control compensation. , 2008, , .		0
59	Adaptive fuzzy logical control for impact absorbing. , 2008, , .		0
60	A magnetoelectric transducer consisting of magnetostrictive and piezoelectric composite array. , 2008, , .		0
61	Attitude control for rapid robot with Human simulated intelligent control theory. , 2008, , .		0
62	ADAPTIVE SLIDING MODE FAULT TOLERANT CONTROL FOR SEMI-ACTIVE SUSPENSION USING MAGNETORHEOLOGICAL DAMPERS. , 2011, , .		0
63	Effect of adjustable bias voltage on magnetoelectric properties of piezoelectric/magnetostrictive laminate transducer. , 2012, , .		0
64	Self-tuning fuzzy control for time-varying excitation vibration isolation system with magnetorheological elastomer actuator. , 2017, , .		0
65	Design and implementation of the control system for magnetorheological suspension of all-terrain vehicle. , 2018, , .		0
66	Kalman Filtering for Sprung Mass Velocity Estimation of Magnetorheological Suspension for All -Terrain Vehicle. , 2019, , .		0
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	Design of fuzzy controller for magneto-rheological suspension using a hybrid Taguchi genetic algorithm to improve ride quality. Journal of Advanced Science, 2006, 18, 107-112.	0.1	0