Chunliang Zhang

List of Publications by Year
in descending order

32 papers	375 citations	1040056 9 h-index	794594 19 g-index
32 all docs	32 docs citations	32 times ranked	440 citing authors

#	ARTICLE	IF	CITATIONS
1	Neural network based boundary control of a vibrating string system with input deadzone. Neurocomputing, 2018, 275, 1021-1027.	5.9	91
2	An Adaptive Neural Sliding Mode Control with ESO for Uncertain Nonlinear Systems. International Journal of Control, Automation and Systems, 2021, 19, 687-697.	2.7	60
3	Fuzzy Adaptive Two-Bit-Triggered Control for a Class of Uncertain Nonlinear Systems With Actuator Failures and Dead-Zone Constraint. IEEE Transactions on Cybernetics, 2021, 51, 210-221.	9.5	54
4	Adaptive Hyperbolic Tangent Sliding-Mode Control for Building Structural Vibration Systems for Uncertain Earthquakes. IEEE Access, 2018, 6, 74728-74736.	4.2	27
5	Mobile Robot Dynamic Path Planning Based on Self-Adaptive Harmony Search Algorithm and Morphin Algorithm. IEEE Access, 2021, 9, 102758-102769.	4.2	17
6	Health monitoring of rail structures using guided waves and three-dimensional diagnostic imaging. Structural Control and Health Monitoring, 2017, 24, e1966.	4.0	16
7	Improved harmony search with general iteration models for engineering design optimization problems. Soft Computing, 2019, 23, 10225-10260.	3.6	15
8	Adaptive Robust Control for a Spatial Flexible Timoshenko Manipulator Subject to Input Dead-Zone. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1395-1404.	9.3	14
9	Parameter Identification for Photovoltaic Models Using an Improved Learning Search Algorithm. IEEE Access, 2020, 8, 116292-116309.	4.2	9
10	An integrated radial heat sink with thermosyphon for high-power LEDs applications. Heat and Mass Transfer, 2019, 55, 2455-2467.	2.1	8
11	A method of crack detection based on digital image correlation for simulated cracked tooth. BMC Oral Health, 2021, 21, 539.	2.3	8
12	Enhanced harmony search algorithm with circular region perturbation for global optimization problems. Applied Intelligence, 2020, 50, 951-975.	5.3	7
13	Neural Terminal Sliding-Mode Control for Uncertain Systems with Building Structure Vibration. Complexity, 2019, 2019, 1-9.	1.6	6
14	RBF Nonsmooth Control Method for Vibration of Building Structure with Actuator Failure. Complexity, 2017, 2017, 1-7.	1.6	5
15	Extended Fuzzy Adaptive Event-Triggered Compensation Control for Uncertain Nonlinear Systems With Input Hysteresis. IEEE Access, 2019, 7, 89658-89669.	4.2	5
16	Novel fuzzy event-triggered adaptive control for nonlinear systems with input hysteresis. Soft Computing, 2021, 25, 6619-6631.	3.6	5
17	Design and Development of a Novel 2-Degree-of-Freedom Parallel Robot. Robotica, 2020, 38, 1-14.	1.9	4
18	Revealing the Dynamic Characteristics of Composite Material-Based Miura-Origami Tube. Materials, 2021, 14, 6374.	2.9	4

#	ARTICLE	IF	CITATIONS
19	Electrical Resistance Prediction for Functionalized Multi-Walled Carbon Nanotubes/Epoxy Resin Composite Gasket under Thermal Creep Conditions. Materials, 2019, 12, 2704.	2.9	3
20	Self-adaptively commensal learning-based Jaya algorithm with multi-populations and its application. Soft Computing, 2021, 25, 15163-15181.	3.6	3
21	Visualization automatic programming system of bending machine based on machine vision. , 2016, , .		2
22	Automatic programming system for grinding robot of CHSR rail. , 2018, , .		2
23	Numerical Simulation, Machining and Testing of a Phase Change Heat Sink for High Power LEDs. Materials, 2019, 12, 2193.	2.9	2
24	Thermal Performances Investigation of Anti-Gravity Heat Pipe with Tapering Phase-Change Chamber. Energies, 2020, 13, 5036.	3.1	2
25	Finite Element Simulation of the Machining Process of Boiling Structures in a Novel Radial Heat Sink for High-Power LEDs. Materials, 2020, 13, 3958.	2.9	2
26	Dynamic Modeling of the Belt Drive System with an Equivalent Tensioner Model. Journal of Vibration Engineering and Technologies, 2022, 10, 511-525.	2.2	2
27	Study on the thinking expand method in the mechanism theory teaching. , 2016, , .		1
28	Topological Structure Synthesis of Three-Rotational-DOF Compliant Mechanisms. , 2018, , .		1
29	Shearing Process Design and Optimization for NC Transverse Shear Line. , 2017, , .		0
30	A coupled Galerkin and Newmark techniques for resonance simulation of the electrically single-curved system under low-velocity impact. Engineering With Computers, 0, , 1.	6.1	0
31	A Two‐Stage Nonlinear Shrinkage of the Sample Covariance Matrix for Robust Capon Beamforming. Chinese Journal of Electronics, 2019, 28, 962-967.	1.5	0
32	Computational methods of nonlinear tensioner damping in belt drive systems. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 0, , 095440702210784.	1.9	0