Jianjun Yao

List of Publications by Year
in descending order

25 papers	277 citations	1040056 9 h-index	940533 16 g-index
25 all docs	25 docs citations	25 times ranked	224 citing authors

#	Article	IF	Citations
1	Real-Time Acceleration Harmonics Estimation for an Electro-Hydraulic Servo Shaking Table Using Kalman Filter With a Linear Model. IEEE Transactions on Control Systems Technology, 2014, 22, 794-800.	5.2	37
2	An overview of control schemes for hydraulic shaking tables. JVC/Journal of Vibration and Control, 2016, 22, 2807-2823.	2.6	33
3	Adaline neural network-based adaptive inverse control for an electro-hydraulic servo system. JVC/Journal of Vibration and Control, 2011, 17, 2007-2014.	2.6	27
4	Acceleration amplitude-phase regulation for electro-hydraulic servo shaking table based on LMS adaptive filtering algorithm. International Journal of Control, 2012, 85, 1581-1592.	1.9	25
5	Parameter Analysis of Savonius Hydraulic Turbine Considering the Effect of Reducing Flow Velocity. Energies, 2020, 13, 24.	3.1	25
6	Model reference adaptive control for a hydraulic underwater manipulator. JVC/Journal of Vibration and Control, 2012, 18, 893-902.	2.6	24
7	Bidisperse Magnetic Particles Coated with Gelatin and Graphite Oxide: Magnetorheology, Dispersion Stability, and the Nanoparticle-Enhancing Effect. Nanomaterials, 2018, 8, 714.	4.1	19
8	Adaptive notch filter applied to acceleration harmonic cancellation of electro-hydraulic servo system. JVC/Journal of Vibration and Control, 2012, 18, 641-650.	2.6	16
9	Acceleration harmonic estimation for a hydraulic shaking table by using particle swarm optimization. Transactions of the Institute of Measurement and Control, 2017, 39, 738-747.	1.7	13
10	Simulation of a bidisperse magnetorheological fluid using the combination of a two-component lattice Boltzmann method and a discrete element approach. Soft Matter, 2019, 15, 6867-6877.	2.7	9
11	Screw theory based motion analysis for an inchworm-like climbing robot. Robotica, 2015, 33, 1704-1717.	1.9	8
12	Acceleration harmonic identification algorithm based on the unscented Kalman filter for shaking signals of an electro-hydraulic servo shaking table. JVC/Journal of Vibration and Control, 2015, 21, 3205-3217.	2.6	7
13	Free Vibration Analysis of Moderately Thick Orthotropic Functionally Graded Plates with General Boundary Restraints. Materials, 2018, 11, 273.	2.9	7
14	Position and orientation error analysis and its compensation for a wheeled train uncoupling robot with four degrees‑of‑freedom. IET Intelligent Transport Systems, 2015, 9, 156-166.	3.0	6
15	Optimization design for a jumping leg robot based on generalized inertia ellipsoid. Robotica, 2012, 30, 1213-1219.	1.9	5
16	Forecast for Artificial Muscle Tremor Behavior Based on Dynamic Additional Grey Catastrophe Prediction. Applied Sciences (Switzerland), 2018, 8, 315.	2.5	5
17	A CMAC-Based Control Method for the Underwater Manipulator. , 2008, , .		2
18	Acceleration Harmonic Estimation for Hydraulic Servo Shaking Table by Using Simulated Annealing Algorithm. Applied Sciences (Switzerland), 2018, 8, 524.	2.5	2

#	Article	IF	Citations
19	Acceleration Harmonic Estimation for Hydraulic Servo Shaking Table Based on Multi-Innovation Stochastic Gradient Algorithm. Mathematical Problems in Engineering, 2020, 2020, 1-13.	1.1	2
20	Identification of Acceleration Harmonics for a Hydraulic Shaking Table by Using Hopfield Neural Network. Scientia Iranica, 2017, .	0.4	2
21	Harmonic identification based on RBF neural network. , 2016, , .		1
22	An Artificial Bee Colony Algorithm for Solving Hydraulic Shaking Table Acceleration Harmonic Estimation Problem. , 2018, , .		1
23	Vibration Analysis of Laminated Composite Rectangular Plates With General Boundary Conditions. , 2018, , .		1
24	Three-parameter Control Scheme based on Adaptive Pole Assignment for an Underwater Shaking Table System. , 2019, , .		0
25	Identification of Added Mass and Added Damping Coefficient for an Underwater Shaking Table Based on Gradient Algorithm. , 2019, , .		0