Jianjun Yao

List of Publications by Year
in descending order

25	277	1040056	940533
25	**277**	**9**	**16**
papers	citations	h-index	g-index

25	25	25	224
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Parameter Analysis of Savonius Hydraulic Turbine Considering the Effect of Reducing Flow Velocity. Energies, 2020, 13, 24.	3.1	25
3	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
4	Three-parameter Control Scheme based on Adaptive Pole Assignment for an Underwater Shaking Table System. , 2019, , .		0
5	Identification of Added Mass and Added Damping Coefficient for an Underwater Shaking Table Based on Gradient Algorithm. , 2019, , .		0
6	Forecast for Artificial Muscle Tremor Behavior Based on Dynamic Additional Grey Catastrophe Prediction. Applied Sciences (Switzerland), 2018, 8, 315.	2.5	5
7	An Artificial Bee Colony Algorithm for Solving Hydraulic Shaking Table Acceleration Harmonic Estimation Problem. , 2018, , .		1
8	Vibration Analysis of Laminated Composite Rectangular Plates With General Boundary Conditions. , 2018, , .		1
9	Bidisperse Magnetic Particles Coated with Gelatin and Graphite Oxide: Magnetorheology, Dispersion Stability, and the Nanoparticle-Enhancing Effect. Nanomaterials, 2018, 8, 714.	4.1	19
10	Acceleration Harmonic Estimation for Hydraulic Servo Shaking Table by Using Simulated Annealing Algorithm. Applied Sciences (Switzerland), 2018, 8, 524.	2.5	2
11	Free Vibration Analysis of Moderately Thick Orthotropic Functionally Graded Plates with General Boundary Restraints. Materials, 2018, 11, 273.	2.9	7
12	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
13	Identification of Acceleration Harmonics for a Hydraulic Shaking Table by Using Hopfield Neural Network. Scientia Iranica, 2017, .	0.4	2
14	An overview of control schemes for hydraulic shaking tables. JVC/Journal of Vibration and Control, 2016, 22, 2807-2823.	2.6	33
15	Harmonic identification based on RBF neural network. , 2016, , .		1
16	Screw theory based motion analysis for an inchworm-like climbing robot. Robotica, 2015, 33, 1704-1717.	1.9	8
17	Position and orientation error analysis and its compensation for a wheeled train uncoupling robot with four degreesâ€ofâ€freedom. IET Intelligent Transport Systems, 2015, 9, 156-166.	3.0	6
18	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

#	Article	IF	Citations
19	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
20	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
21	Model reference adaptive control for a hydraulic underwater manipulator. JVC/Journal of Vibration and Control, 2012, 18, 893-902.	2.6	24
22	Optimization design for a jumping leg robot based on generalized inertia ellipsoid. Robotica, 2012, 30, 1213-1219.	1.9	5
23	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
24	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
25	A CMAC-Based Control Method for the Underwater Manipulator. , 2008, , .		2