

Ehsan Zakeri

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

401
citations

759055

12
h-index

752573

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23
all docs

23
docs citations

23
times ranked

361
citing authors

#	ARTICLE	IF	CITATIONS
1	On the application of modified cuckoo optimization algorithm to the crack detection problem of cantilever Euler-Bernoulli beam. <i>Computers and Structures</i> , 2015, 157, 42-50.	2.4	54
2	Simulation and experimental control of a 3-RPR parallel robot using optimal fuzzy controller and fast on/off solenoid valves based on the PWM wave. <i>ISA Transactions</i> , 2016, 61, 265-286.	3.1	44
3	Optimal interval type-2 fuzzy fractional order super twisting algorithm: A second order sliding mode controller for fully-actuated and under-actuated nonlinear systems. <i>ISA Transactions</i> , 2019, 85, 13-32.	3.1	43
4	Robust sliding mode control of a mini unmanned underwater vehicle equipped with a new arrangement of water jet propulsions: Simulation and experimental study. <i>Applied Ocean Research</i> , 2016, 59, 521-542.	1.8	40
5	Optimal adaptive interval type-2 fuzzy fractional-order backstepping sliding mode control method for some classes of nonlinear systems. <i>ISA Transactions</i> , 2019, 93, 23-39.	3.1	34
6	Multi-tracker Optimization Algorithm: A General Algorithm for Solving Engineering Optimization Problems. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , 2017, 41, 315-341.	0.8	30
7	A generally modified cuckoo optimization algorithm for crack detection in cantilever Euler-Bernoulli beams. <i>Precision Engineering</i> , 2018, 52, 227-241.	1.8	24
8	Structural single and multiple crack detection in cantilever beams using a hybrid Cuckoo-Nelder-Mead optimization method. <i>Mechanical Systems and Signal Processing</i> , 2018, 99, 805-831.	4.4	21
9	Path Planning for Unmanned Underwater Vehicle in 3D Space with Obstacles Using Spline-Imperialist Competitive Algorithm and Optimal Interval Type-2 Fuzzy Logic Controller. <i>Latin American Journal of Solids and Structures</i> , 2016, 13, 1054-1085.	0.6	20
10	Robust Cascade Vision/Force Control of Industrial Robots Utilizing Continuous Integral Sliding-Mode Control Method. <i>IEEE/ASME Transactions on Mechatronics</i> , 2022, 27, 524-536.	3.7	18
11	Tracking Control of Ball on Sphere System Using Tuned Fuzzy Sliding Mode Controller Based on Artificial Bee Colony Algorithm. <i>International Journal of Fuzzy Systems</i> , 2018, 20, 295-308.	2.3	15
12	Digital control design for an IPMC actuator using adaptive optimal proportional integral plus method: Simulation and experimental study. <i>Sensors and Actuators A: Physical</i> , 2019, 298, 111577.	2.0	15
13	Control of a Ball on Sphere System with Adaptive Neural Network Method for Regulation Purpose. <i>Journal of Applied Sciences</i> , 2014, 14, 1984-1989.	0.1	8
14	Fuzzy Logic Control of a Ball on Sphere System. <i>Advances in Fuzzy Systems</i> , 2014, 2014, 1-6.	0.6	7
15	Regulating And Helix Path Tracking For Unmanned Aerial Vehicle (uav) Using Fuzzy Logic Controllers. <i>Journal of Mathematics and Computer Science</i> , 2014, 13, 71-89.	0.5	7
16	Simultaneous Control of GMAW Process and SCARA Robot in Tracking a Circular Path via a Cascade Approach. <i>Trends in Applied Sciences Research</i> , 2012, 7, 845-858.	0.4	6
17	Optimal Image-Based Task-Sequence/Path Planning and Robust Hybrid Vision/Force Control of Industrial Robots. <i>IEEE Access</i> , 2022, 10, 26347-26368.	2.6	5
18	Adaptive multi-tracker optimization algorithm for global optimization problems: emphasis on applications in chemical engineering. <i>Engineering With Computers</i> , 2022, 38, 1309-1336.	3.5	3

#	ARTICLE	IF	CITATIONS
19	Control Of Puma-560 Robot Using Feedback Linearization Control Method And Kalman Filter Estimator For Regulation And Tracking Purpose. Journal of Mathematics and Computer Science, 2014, 11, 264-276.	0.5	3
20	Adaptive Robust Kalman Filter for Vision-based Pose Estimation of Industrial Robots. , 2019, , .		2
21	2d Shape Optimization Via Genetic Algorithm. Journal of Mathematics and Computer Science, 2014, 11, 209-217.	0.5	2
22	Tracking control of an unmanned aerial vehicle using cascade configuration of fuzzy logic controllers in presence of windflaw. International Journal of Advanced and Applied Sciences, 2016, 3, 43-51.	0.2	0
23	Robust multi-stage hybrid vision/force control of industrial robots. , 2021, , .		0