

# Ehsan Zakeri

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5334226/publications.pdf>

Version: 2024-02-01

23  
papers

401  
citations

758635

12  
h-index

752256

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

361  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Robust multi-stage hybrid vision/force control of industrial robots. , 2021, , .		0
5	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
6	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
7	Adaptive Robust Kalman Filter for Vision-based Pose Estimation of Industrial Robots. , 2019, , .		2
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	Tracking control of an unmanned aerial vehicle using cascade configuration of fuzzy logic controllers in presence of windflaw. <i>International Journal of Advanced and Applied Sciences</i> , 2016, 3, 43-51.	0.2	0
17	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
18	Fuzzy Logic Control of a Ball on Sphere System. <i>Advances in Fuzzy Systems</i> , 2014, 2014, 1-6.	0.6	7

#	ARTICLE	IF	CITATIONS
19	2d Shape Optimization Via Genetic Algorithm. Journal of Mathematics and Computer Science, 2014, 11, 209-217.	0.5	2
20	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
21	Regulating And Helix Path Tracking For Unmanned Aerial Vehicle (uav) Using Fuzzy Logic Controllers. Journal of Mathematics and Computer Science, 2014, 13, 71-89.	0.5	7
22	Control of a Ball on Sphere System with Adaptive Neural Network Method for Regulation Purpose. Journal of Applied Sciences, 2014, 14, 1984-1989.	0.1	8
23	Simultaneous Control of GMAW Process and SCARA Robot in Tracking a Circular Path via a Cascade Approach. Trends in Applied Sciences Research, 2012, 7, 845-858.	0.4	6