

# Ismaila B Tijani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9340589/publications.pdf>

Version: 2024-02-01

22  
papers

161  
citations

1478505

6  
h-index

1474206

9  
g-index

22  
all docs

22  
docs citations

22  
times ranked

189  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear identification of a small scale unmanned helicopter using optimized NARX network with multiobjective differential evolution. <i>Engineering Applications of Artificial Intelligence</i> , 2014, 33, 99-115.	8.1	42
2	$H_{\infty}$ robust controller for autonomous helicopter hovering control. <i>Aircraft Engineering and Aerospace Technology</i> , 2011, 83, 363-374.	0.8	18
3	Support vector regression based friction modeling and compensation in motion control system. <i>Engineering Applications of Artificial Intelligence</i> , 2012, 25, 1043-1052.	8.1	18
4	Detection of vascular intersection in retina fundus image using modified cross point number and neural network technique. , 2008, , .		13
5	Development of an automatic solar-powered domestic water cooling system with multi-stage Peltier devices. <i>Renewable Energy</i> , 2018, 128, 416-431.	8.9	13
6	Optimization of an extended H-infinity controller for unmanned helicopter control using Multiobjective Differential Evolution (MODE). <i>Aircraft Engineering and Aerospace Technology</i> , 2015, 87, 330-344.	0.8	10
7	Hybrid DE-PEM algorithm for identification of UAV helicopter. <i>Aircraft Engineering and Aerospace Technology</i> , 2014, 86, 385-405.	0.8	9
8	Control of an inverted pendulum using MODE-based optimized LQR controller. , 2013, , .		7
9	Wireless sensor node for indoor air quality monitoring system. , 2018, , .		7
10	Teaching fundamental concepts in robotics technology using MATLAB toolboxes. , 2016, , .		6
11	Friction compensation for motion control system using multilayer feedforward network. , 2008, , .		3
12	Intelligent Control for Automation of Yam Storage System Using Fuzzy Logic Controller. , 2011, , .		3
13	Friction compensation for motion control system using multilayer feedforward network. , 2008, , .		2
14	A non-parametric friction model for accurate positioning control using v-support vector regression (v-SVR). , 2009, , .		2
15	ADAPTIVE NEURO-FUZZY INFERENCE SYSTEM (ANFIS) FOR FRICTION MODELLING AND COMPENSATION IN MOTION CONTROL SYSTEM. <i>International Journal of Modelling and Simulation</i> , 2011, 31, .	3.3	2
16	Real-time implementation of $H_{\infty}$ controller for UAV helicopter using MATLAB-based embedded programming approach. , 2015, , .		2
17	On the issues of linearizing a sensor characteristic over a wider response range. , 2008, , .		1
18	Hybrid algorithm for NARX network parameters' determination using differential evolution and genetic algorithm. <i>IOP Conference Series: Materials Science and Engineering</i> , 2013, 53, 012062.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Two level Differential Evolution algorithms for ARMA parameters estimation. , 2013, , .		1
20	ROBUST STATE FEEDBACK CONTROL DESIGN VIA PSO-BASED CONSTRAINED OPTIMIZATION. Control and Intelligent Systems, 2011, 39, .	0.3	1
21	Friction modeling and compensation in motion control system using support vector regression (SVR). , 2009, , .		0
22	Non-Parametric Modeling of Motion Control Systems Using an Hybrid MODE-NARX Algorithm. , 2019, , .		0