

# Ayad Al-Dujaili

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2934324/publications.pdf>

Version: 2024-02-01

20  
papers

2,351  
citations

1478505

6  
h-index

1125743

13  
g-index

20  
all docs

20  
docs citations

20  
times ranked

698  
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust Spectrum Sensing Detector Based on MIMO Cognitive Radios with Non-Perfect Channel Gain. Electronics (Switzerland), 2021, 10, 529.	3.1	4
2	Review of deep learning: concepts, CNN architectures, challenges, applications, future directions. Journal of Big Data, 2021, 8, 53.	11.0	2,200
3	Social spider optimization algorithm for tuning parameters in PD-like Interval Type-2 Fuzzy Logic Controller applied to a parallel robot. Measurement and Control, 2021, 54, 303-323.	1.8	33
4	Real-time Design and Implementation of Nonlinear Speed Controller for Permanent Magnet DC Motor Based on PSO Tuner. , 2021, , .		2
5	Adaptive backstepping control design for ball and beam system. International Review of Applied Sciences and Engineering, 2021, 12, 211-221.	0.4	11
6	Deepening into the suitability of using pre-trained models of ImageNet against a lightweight convolutional neural network in medical imaging: an experimental study. PeerJ Computer Science, 2021, 7, e715.	4.5	23
7	Speed Control Using an Integral Sliding Mode Controller for a Three-Phase Induction Motor. Al-Taqani, 2021, 3, 10-19.	0.2	1
8	Design of Sliding Mode Control for Overhead Crane Systems. IOP Conference Series: Materials Science and Engineering, 2020, 881, 012084.	0.6	6
9	Design of Backstepping Control based on Adaptive Observer for UnderActuated System. , 2020, , .		5
10	Robust Super-Twisting Sliding Control of PAM- actuated Manipulator Based on Perturbation Observer. Cogent Engineering, 2020, 7, 1858393.	2.2	5
11	Optimal super-twisting sliding mode control design of robot manipulator: Design and comparison study. International Journal of Advanced Robotic Systems, 2020, 17, 172988142098152.	2.1	28
12	State Estimation of Rotary Inverted Pendulum: A Comparative Study of Observers Performance. , 2020, , .		3
13	Design of Terminal Sliding Position Control for Electronic Throttle Valve System: a Performance Comparative Study. International Review of Automatic Control, 2019, 12, 251.	0.3	14
14	Experimental Design and Implementation of IT2FL-controlled BLDCM Based on LabVIEW®,. International Journal of Recent Technology and Engineering, 2019, 8, 587-592.	0.2	0
15	Robust IT2FL Controller Design for the Speed Control of a BLDC Motor. International Journal of Recent Technology and Engineering, 2019, 8, 2540-2544.	0.2	0
16	Actuator fault estimation and fault tolerant control in three physically-linked 2WD mobile robots. IFAC-PapersOnLine, 2018, 51, 709-716.	0.9	6
17	Actuator fault compensation tracking control for multi linked 2WD mobile robots. , 2017, , .		4
18	An adaptive actuator failure compensation scheme for two linked 2WD mobile robots. Journal of Physics: Conference Series, 2017, 783, 012021.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Actuator Fault Compensation in Three Linked 2WD Mobile Robots Using Multiple Dynamic Controllers. IFAC-PapersOnLine, 2017, 50, 13556-13562.	0.9	4
20	Speed Control of Hydraulic Motor System with Swashplate DC-Controlled Pump. Advanced Materials Research, 0, 403-408, 4828-4840.	0.3	0