

# Mohammad Ahmad Choudhry

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2347389/publications.pdf>

Version: 2024-02-01

14  
papers

141  
citations

1684188

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h-index

1372567

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g-index

14  
all docs

14  
docs citations

14  
times ranked

131  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive fuzzy multivariable controller design based on genetic algorithm for an air handling unit. Energy, 2015, 81, 477-488.	8.8	36
2	An Automated System for Classification of Chronic Obstructive Pulmonary Disease and Pneumonia Patients Using Lung Sound Analysis. Sensors, 2020, 20, 6512.	3.8	34
3	System identification of an airship using trust region reflective least squares algorithm. International Journal of Control, Automation and Systems, 2017, 15, 1384-1393.	2.7	21
4	Fixed-Structure $H_{\infty}$ Controller Design for Two-Rotor Aerodynamical System (TRAS). Arabian Journal for Science and Engineering, 2016, 41, 3619-3630.	1.1	12
5	Land Mine Detecting Robot Capable of Path Planning. , 2010, , .		7
6	An efficient design of genetic algorithm based Adaptive Fuzzy Logic Controller for multivariable control of HVAC systems. , 2013, , .		6
7	Nonlinear auto-regressive neural network for mathematical modelling of an airship using experimental data. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2019, 233, 2549-2569.	1.3	6
8	On the Structural Analysis of $\gamma$ -Ray Induced Primary Free Radicals in UHMWPE and Vitamin E Stabilized UHMWPE by ESR Spectroscopy. Journal of Spectroscopy, 2015, 2015, 1-8.	1.3	4
9	A precision detection technique for power disturbance in electrical system. Electrical Engineering, 2022, 104, 781-796.	2.0	4
10	Unscented Kalman filter for airship model uncertainties and wind disturbance estimation. PLoS ONE, 2021, 16, e0257849.	2.5	4
11	Performance improvement of complementary feeders using static transfer switch system. Journal of Zhejiang University: Science A, 2009, 10, 189-200.	2.4	3
12	Multivariable adaptive Fuzzy logic controller design based on genetic algorithm applied to HVAC systems. , 2013, , .		2
13	Embedded system design for classification of COPD and pneumonia patients by lung sound analysis. Biomedizinische Technik, 2022, 67, 201-218.	0.8	2
14	An Integrated Technique for Trajectory Planning of Non-Holonomic Mobile Robot in Unstructured Environment. , 2006, , .		0