

# 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

5  
h-index

1372567

10  
g-index

14  
all docs

14  
docs citations

14  
times ranked

131  
citing authors

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