

**Papers published in journals with impact factor for the year 2013-2018**

<b>Title</b>	<b>Researcher(s)</b>	<b>Journal</b>	<b>Country</b>	<b>Year</b>	<b>Impact Factor</b>
Optimal Nonlinear Model Reference Controller Design for Ball and Plate System	Dr. Hazem I. Ali (I)	Arabian Journal for Science and Engineering		2018	1.06
Optimal Nonlinear Model Reference Controller Design for Ball and Plate System	Haydar Maitham Jassim (II)	Arabian Journal for Science and Engineering		2018	1.06
Optimal Nonlinear Model Reference Controller Design for Ball and Plate System	Amjad Falih Hasan(III)	Arabian Journal for Science and Engineering		2018	1.06
Navigation of Several Links Robot Arm Based on an Intelligent System	Evan Esho Korial	International Journal of Computer Applications		2016	3.12
Correlated Block Quad-Tree Segmented and DCT Based Scheme for Color Image Compression	Dr. Ashwaq Talib Hashim	Indian Journal of Science and Technology	India	2016	0.68
Swarm Intelligence Based Robust Active Queue Management Design For Congestion Control in TCP Network	Dr. Hazem I. Ali /Karam Samir Khalid	IEEJ Transactions on Electrical and Electronic Engineering	Japan	2016	0.37
Soft Handover in 3G/4G Networks Using Multiple Sector Antenna	Haider Daami	International Journal of Engineering & Technology	UK	2015	0.847
Cognitive Nonlinear Controller Design for Magnetic Levitation System	Dr. Ahmed Sabah	Transactions of the Institute of Measurement and Control		2015	0.736

Redundant Three-Link Robot Manipulator Local Approach	Evan Esho Korial	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)	India	2015	1.419
Intelligent Modeling and Control of a Conveyor Belt Grain Dryer Using a Simplified Type 2 Neuro-Fuzzy Controller	Dr. Omar Farouq Lutfy	Drying Technology: An International Journal	USA	2015	1.742
Wavelet Neural Network-Based NARMA-L2 Internal Model	Dr. Omar Farouq Lutfy	The Arabian Journal for Science and Engineering (AJSE)	Saudi Arabia	2015	0.367
Control Utilizing Micro-artificial Immune Techniques to Control					
Nonlinear Systems					
Online Planning System for Serial Manipulator Multi Links	Evan Esho Korial	IOSR Journal of Electrical and Communication Engineering (IOSR-JECE)	India	2015	1.398
Scalable QoS - Aware Mobility for 4G/5G mobile networks with mobile IP6	Haider Daami	International Journal of Emerging Technology and Advanced Engineering		2015	2.34
Effect of Substrate Temperature on Structural Characteristics of Nano Silver Oxide Prepared by Pulsed-Laser Deposition	Qamar Qasim	Iraqi Journal of Applied Physics	Iraq	2015	1.1142
Hexapod Robot Static Stability Enhancement Using Genetic Algorithm	Dr. Firas Abdulrazzaq Raheem/	Al-Khawarizmi Engineering Journal	Iraq	2015	0.998

	Hind Zuhair Khaleel				
Modelling Self-Optimized Short Term Load Forecasting for Medium Voltage Loads Using Tuning Fuzzy Systems and Artificial Neural Networks	Dr. Mohammed Yousif Hassan	Energy Conversion and Management - Journal-Elsevier		2015	4.38
Cognitive Nonlinear Controller Design for Magnetic Levitation System	Dr. Ahmed Sabah	Transactions of the Institute of Measurement and Control		2015	0.736
Swarm Intelligence Based Robust Active Queue Management Design for Congestion Control in TCP Network	Dr. Hazem I. Ali	IEEJ Transactions on Electrical and Electronic Engineering	Japan	2015	0.37
Neural Network Control for PPDCV Clinker Cooler System	Dr. Majid Ahmed Oleiwi	International Journal of Computer Applications	USA	2014	0.821
Development of Kinematic Path-Tracking Controller Design For Real Mobile Robot Via Back Stepping Slice Genetic Robust Algorithm Technique	Dr. Ahmed Sabah	The Arabian Journal for Science and Engineering (AJSE)	Saudi Arabia	2014	0.367
“Intelligent Hybrid Approach for Multi Robots-Multi Objectives Motion Planning Optimization”	Dr. Bushra Kadhim Oleiwi	International Journal of Enhanced Research in Science Technology & Engineering, vol. 3 issue 3, pp. 539-550, March, 2014.	Germany	2014	1.252

Soft Handover in 3G/4G Networks Using Multiple Sector Antenna	Haider Daami	International Journal of Engineering & Technology	UK	2014	0.847
Neural Network Control for PPDCV Clinker Cooler System	Dr. Majid Ahmed Oleiwi (1 <sup>st</sup> )	International Journal of Computer Applications	USA	2014	0.907
Development of Kinematic Path-Tracking Controller Design for Real Mobile Robot Via Back Stepping Slice Genetic Robust Algorithm Technique.	Dr. Ahmed Sabah	The Arabian Journal for Science and Engineering (AJSE)		2014	0.367
An Enhanced Genetic Programming Algorithm for Optimal Controller Design	Dr. Mohamed Jasim Mohamed	International Control and Automation		2013	
Design of Nonlinear PID Neural Controller for the Speed Control of a Permanent Magnet Dc Motor Model Based on Optimization Algorithm	Dr. Ahmed Sabah	Al-Khawarizmi Engineering Journal	Iraq	2013	0.998
position Control of Electro-Hydraulic Actuator System Using Fuzzy Logic Controller Optimized by Particle Swarm Optimization	Dr. Mohammed Yousif Hassan (3 <sup>rd</sup> )	International Journal of Automation and Computing (IJAC)	Australia	2013	0.907
Identification of Position DC Motor and Control Using Fuzzy Type - 2 Based PSO	Dr.Ahmed Alaa Oglah (2 <sup>nd</sup> )	International Journal of Computers & Technology	USA	2013	1.34
Wavelet Neural Network Model Reference Adaptive Control Trained by a Modified Artificial Immune Algorithm to Control Nonlinear Systems	Dr. Omar Farouq Lutfy	The Arabian Journal for Science and Engineering (AJSE)	Saudi Arabia	2013	0.385

Design and Implementation of Real-Time Intelligent Controller for Differential Drive Mobile Robot	Zeyad Yousif Abid Own	International Journal of Scientific & Engineering Research	USA	2013	1.4
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