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| ▼ الاسم المستخدم في نشر البحوث حسب الكوكل سكولر **Muna Hadi Saleh** |

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| ▼ الاتجاهات البحثية  * الحوسبة المرنة، الروبوت، السيطرة على الطيران للطائرات المسيرة ذاتيا، السيطرة الذكية، المنظومات اللاخطية، الشبكات، المسيطرات المايكروية، المستشعرات اللاسلكية، المنظومات المضمنة |

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| ▼ الدرجة العلمية استاذ مساعد |

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| ▼ الأبحاث المنشورة  |  |  |  |  | | --- | --- | --- | --- | | **No.** | **Research Title** | **Place of Publication** | **Year** | | 1 | Muna Hadi Saleh, (Evaluation the Application Capability of Fuzzy Logic), | The fifth scientific conference of Babylon University, 1999. | 1999 | | 2 | Muna Hadi Saleh, (Study and Analysis the Cross-Coupling Phenomena on flying body system), | The first specialist scientific conference on Control Engineering, I.I.M. 2000. | 2000 | | 3 | Muna H. Saleh "New Design of Fuzzy Logic Gates," | Journal of AL-Nahrain University Science, JNUS, Vol. 12, No. 2, June 2009. | 2009 | | 4 | Muna Hadi Saleh, (Study and Analysis the Mathematical Operations of Fuzzy Logic), | Baghdad Science Journal, Baghdad University/Collage of Scientific for Women, Vol. 6, No. 3, 2009. | 2009 | | 5 | Muna Hadi Saleh**,** (Modeling and Simulating the Cell Multiplexing in ATM Network Based Fuzzy Logic System), | Al-Ma'moon college Journal, No.14, (ISSN 1992-4453(, 2009. | 2009 | | 6 | Muna H. Saleh, Arif AL-Qassar, Mazin Z. Othman, Abd ULkareem SH. Mahdi**,** (Development of the Cross-Coupling Phenomena of MIMO Flight System using Fuzzy Logic Controller), | Journal of Engineering Science and Technology,Vol. 5, No. 1 (2010) 85–93, School of Engineering, Taylor’s University College. | 2010 | | 7 | Muna Hadi Saleh, Arif AL-Qassar, Mazin Z. Othman**,** (Design and simulation of fuzzy like PD controller for Autonomous Mobile Robot),  **مجلة هندسة الحاسبات والاتصالات والسيطرة والنظم** | University of Technology, Control and system Engineering, 2011, Journal of computer engineering, communications and control systemsIJCCCE, Vol.11 No.2. | 2011 | | 8 | Muna Hadi Saleh, (Design and Analysis the Direct Action for the Global Weighted Fuzzy Production Rules (GWFPRs) on Navigation System of Mobile Robot), | AL- Maaref College Journal, (ISBN 1815-3364), Vol. 15, 2011. | 2011 | | 9 | Muna H. Saleh, (The Internet and the Variance in information Society), | Published in First National Scientific Conference of Ministry of Science and Technology for Women, Baghdad, Iraq, 12/12/2012. | 2012 | | 10 | Muna Hadi Saleh, (Recognition of Computer’s Keyboard English Characters by Using Neural Networks), | AL- Maaref College Journal, (ISBN 1815-3364),No. 20, Vol. 15, 2012 | 2012 | | 11 | Muna Hadi Saleh, (Design a Smart XOR Gate Depending Kenevan Truth Interval in Fuzzy Logic), | Al-Ma'moon college Journal, (ISSN 1992-4453), No.20, 2012. | 2012 | | 12 | Muna Hadi Saleh, and Noor Muwafak Abed Al-Hadi**, (**Shadow Removal Using Segmentation Method),. | Baghdad Educational Journal Baghdad University/ Collage of Education for Women, 2012. Published, Vol. 24, No. 1, 2013 | 2013 | | 13 | (Study and Analysis the Techniques of Electronic- Learning**),** | Published in College of Education for  Human Sciences IBN-Rushd Magazine, Vol. 1, No. 205, 2013. ISSN 0552-265X  EISSN: 2518-9263, GIF: 0.892 | 2013 | | 14 | (The Effect of Using the Bluetooth Techniques in the Mobile Upon Students Achievement and Their Retention of Information) Prof. Dr. Mowaffaq Abdul Al – Aziz Al – Hisnawi, Asst.Prof.Dr. Muna Hadi Saleh | Baghdad University/ College of Education for Women, J,UNIT, Vol.24,No. 4, 2013 | 2013 | | 15 | Muna Hadi Saleh, (Design a Parity-Generator Circuit Using Feed-forward Neural Networks for Transmitting Data), | Tikret Computer Science and Math Conference, 2012. Published in Vol.18, No. 2, 2013 Tikrit Journal for Pure sciences | 2013 | | 16 | (Study of Applicability of the Virtual learning Environment at Instructional Institutions) Muna Hadi Saleh | Published in Baghdad College of Economic Sciences Journal, No. 4, (ISSN:2072-778X), 29/4/2013  . | 2013 | | 17 | (Information and Communication Technologies and their Impacts on the Quality of Instructional) Muna Hadi Saleh | Published in AL-Jamea Al-Turath College Journal, Vol. 5, 2014 (ISSN2074-5621) | 2014 | | 18 | (Design an Engineer Model of Electronic Instructional Content), Muna Hadi Saleh | The first international scientific conference, Journal of the College of mathematics and computer, University of Kufa, Vol. 2, No. 1, 2014 | 2014 | | 19 | (The Effect of E–Learning to Development the Technical Education) Prof. Dr. Mowaffaq Abdul Al – Aziz Al – Hisnawi, Asst. Prof. Dr. Muna Hadi Saleh | Published in College of education for  Human Sciences IBN-Rushd Journal, Vol., No., 201. ISSN (0552-265x) | 2014 | | 20 | (Reducing the Effect of the Atmospheric Disturbance on Longitudinal Fight Control System Usage PID Controller) Muna Hadi Saleh, Noor Abdul Razzaq Raheem | International Journal of Computer Applications (0975 – 8887) Volume 127 – No.13, October 2015 | 2015 | | 21 | (Using Fuzzy Set as a Controller on the Lateral Dynamic of Autopilot to Reducing the Effect of the Atmospheric Disturbance ) Muna Hadi Saleh, Noor Abdul Razzaq Raheem | IJCT, International Journal of Computers & Technology  vol. 15, no. 2, November /18/2015, ISSN 2277-3061 | 2015 | | 22 | (Novel Multi-Gen Multi Parameter Genetic Algorithm Representation for Attributes Selection and Porosity Prediction), Muna Hadi Saleh, Hadeel Mohammed Tuama | International Journal of Computer Applications (0975 – 8887) Volume 141 – No.4, May **2016,** USA | 2016 | | 23 | (Design of Instruction Service Quality System in Accordance with the Information and Communication Technology Frameworks) Muna Hadi Saleh | International Journal of Computer Applications (0975 – 8887) Vol. 138 – No.10, ISSN: 0123:4560, **2016,** USA | 2016 | | 24 | (Artificial Immune System Based PID Tuning for DC Servo Speed Control ) Muna Hadi Saleh, Saad Zaid Saad | International Journal of Computer Applications (0975 – 8887) Volume 155 – No 2, December 2016**,** USA | 2016 | | 25 | (Comparison of Different Types of Fitness Functions to Choose the Appropriate Attributes for Porosity Prediction(Muna Hadi Saleh, Hadeel Mohammed Tuama | Journal of AL-Nahrain University Engineering, JNUE, Accepted in Dec. Vol.20 No.3 | 2017 | | 26 | (wireless home automation system based on microcontroller), Muna H. Saleh\*, Qusay Sh. Hamad | Journal of Engineering Science and Technology Vol. 12, No. 11 (2017) 3034 - 3043 © School of Engineering, Taylor’s University | 2017 | | 27 | (Analyzing the Effect of Direct Action Global and Local Weights on Fuzzy Controller)Muna Hadi Saleh  Asst. Prof. Dr. Muna Hadi Saleh | Proceedings of Al-Salam University College First Scientific Conference SFSC’17 ISSN 2522-3402 16-17 April 2017, Baghdad, Iraq | 2017 | | 28 | (Recognition of Computer’s Keyboard Characters by Using Neural Network) Muna Hadi Saleh | Published in AL-Jamea Al-Turath College Journal, Vol., 2017  (،ISSN2074-5621) | 2017 | | 29 | (seismic attributes selection and porosity prediction using modified artificial immune network algorithm) Saad Zaid Saad, Muna Hadi Saleh | Journal of Engineering Science and Technology Vol. 13, No. 3 (2018) 755 - 765 © School of Engineering, Taylor’s University | 2018 | | 30 | (Design an Acceleration Fuzzy Logic Controller (AFLC) for Speed DC Servo Motor)Muna Hadi Saleh | Proceedings of Al-Nisour University Collage Second Scientific International Conference 5-6 May 2018, Baghdad, Iraq pp120-132 | 2018 | | 31 | "Tri-copter Drone Modeling with PID Control Tuned by PSO Algorithm" Nada M. Ali Ahmed, Muna Hadi Saleh | International Journal of Computer Applications (0975 – 8887) Volume 181 – No. 25, November- 2018, pp46-53 | 2018 | | 32 | (Trajectory Tracking of a Tri-copter Vertical Take-off and Landing UAV) Nada M. Ali Ahmed, Muna Hadi Saleh | Journal of Engineering and Applied Sciences, 2019, Volume: 14, Issue: 17, Page No.: 6223-6230 | 2019 | |

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| ▼ الكتب والمؤلفات  * N/A   Computer Applications), Book, Dr. Muna H. Saleh, printed in the Dar AL-Kooteb and Wathaak, Baghdad, 891, 2008. |

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| ▼ رسائل الماجستير الذي اشرف عليها  * N/A  |  |  |  |  | | --- | --- | --- | --- | | **Year** | **Department** | **Thesis Title** | **No.** | | 2013-2014 | Electric Engineering | Fuzzy Logic-Based RFID Modeling Using an Autonomous Robot | 1 | | 2014-2015 | Electric Engineering | Design and Implementation Hidden Information Using Still Image | 2 | | 2014-2015 | Electric Engineering | Building a Model of Data Mining to Control Time –Varying Hybrid`s Data | 3 | | 2015-2016 | Electric Engineering | Build an Intelligent Algorithm to Detect the Seismic Energy | 4 | | 2016-2017 | Electric Engineering | Optimizing the Seismic Data Using Artificial Immune System | 5 | | 2017-2018 | Electric Engineering | Trajectory tracking control of Vertical Take-Off and Landing (VTOL) Unmanned Aerial Vehicles (UAVs) Airframe | 6 | | 2019-2020 | Electric Engineering | Modeling and Controlling Dynamics of Tri-rotor UAV for Obstacle Avoidance | 7 | |

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| ▼ اطاريح الدكتوراه الذي اشرف عليها  * N/A N/A **(None)** |