**الاسم على الكوكل سكولر**

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| ▼ الاتجاهات البحثية Intelligent Control, Soft Computing, Optimization Algorithms, Machine Learning |

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| ▼ الدرجة العلمية أستاذ مساعد دكتور |
| ▼ الكتب والمؤلفات  * A pattern-recognizer artificial neural network for the prediction of new crescent visibility in Iraq, MDPI Computation, 10 (10), 186, 2022. * Earthquake Hazard Mitigation for Uncertain Building Systems Based on Adaptive Synergetic Control, MDPI Advanced System Innovation, 6 (2), 2023. * A PSO-optimized type-2 fuzzy logic controller for navigation of multiple mobile robots, 2014 19th International Conference on methods and models in automation and … * An ABC-Optimized Type-2 Fuzzy Logic Controller for Navigation of Multiple Mobile Robots, The Second Engineering Conference of Control, Computers and Mechatronics … * A PSO-optimized reciprocal velocity obstacles algorithm for navigation of multiple mobile robots, 2014 IAES International Journal of Robotics and Automation 4 (1), 31 * Fine-Tuning Meta-heuristic Algorithm for Global Optimization, MDPI Processes 7 (10), 1-14, 2019 * An optimal defuzzification method for interval type-2 fuzzy logic control scheme, 2015 Science and Information Conference (SAI), 619-627 * An accurate dead reckoning method based on geometry principles for mobile robot localization, International Journal of Computer Applications 95 (13) * An Optimized Interval Type-2 Fuzzy Logic Control Scheme based on Optimal Defuzzification, International Journal of Computer Applications 975, 8887, 2014 * Optimal Fuzzy Controllers for Multi Mobile Robot Navigation, LAP Lambert Academic Publishing, ISBN: 978-3-659-74157-9, 2015 * Fuzzy Logic Control Scheme for Navigation of Multiple Mobile Robots, University of Basrah, Iraq, 2014 |
| ▼ رسائل الماجستير الذي اشرف عليها  * N/A |
| ▼ اطاريح الدكتوراه الذي اشرف عليها  * N/A |