البحوث المنشورة للتدريسيين في قسم هندسة الحاسبات للعام الدراسي ٢٠١٩-٢٠٢٠

ت	اسم التدريسي	الدرجة العلمية	اسم البحث	سنة النشر	جهة النشر
١	عبد العظيم عبدالكريم	استاذ	Combination of FFT & ICA methods for faults analysis of rotating machine	٢٠١٩	Proceedings of the International Conference on Information and Communication Technology(ACM)
			Real-time lane markings recognition based on seed-fill algorithm	٢٠١٩	Proceedings of the International Conference on Information and Communication Technology (ACM)
			Compressed fuzzy logic based multi-criteria AODV routing in VANET environment	٢٠١٩	International Journal of Electrical and Computer Engineering (IJECE)
			Polygon Shape Formation for Multi-Mobile Robots in a Global Knowledge Environment	٢٠١٩	Polygon Shape Formation for Multi-Mobile Robots in a Global Knowledge Environment
			3D Path planning of fixed and mobile environments using potential field algorithm with Genetic algorithm	٢٠١٩	9th Annual Information Technology, Electromechanical Engineering and Microelectronics Conference (IEMECON)
			An algorithm for multi-robot collision-free navigation based on shortest distance	٢٠١٩	Robotics and Autonomous Systems
٢	عباس عبد الامير جاسم	استاذ مساعد	Multilevel Permutation with Different Block Size/ Stream Cipher Image Encryption	٢٠١٩	Iraqi Journal for Electrical and Electronic Engineering
٣	تركي يونس	استاذ	Design of ABCF Control Scheme for Full Vehicle Nonlinear Active Suspension System with Passenger Seat	٢٠١٩	Iranian Journal of Science and Technology, Transactions of Electrical Engineering
٤	هبه حاكم عبد الزهرة	مدرس مساعد	Navigation system for visually impaired people based on RGB-D camera and ultrasonic sensor	٢٠١٩	ACM, Proceedings of the International Conference on Information and Communication Technology
			Indoor Low Cost Assistive Device using 2D SLAM Based on LiDAR for Visually Impaired People	٢٠١٩	Iraqi Journal for Electrical And Electronic Engineering
٥	اثيل كاظم عبدالزهرة	مدرس مساعد	Fuzzy Sliding Mode Control Scheme for Vehicle Active Suspension System Optimized by ABC Algorithm	٢٠١٩	I.J. Intelligent Systems and Applications
			Adaptive Fuzzy Super – Twisting Sliding Mode Controller optimized by	٢٠١٩	Basrah Journal for Engineering Sciences

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البحث المنشور فيه	السنة	عنوان البحث	اللقب	الاسم	ت
		ABC for Vehicle Suspension System			
2019 2nd IEEE International Conference on Soft Robotics (RoboSoft)	٢٠١٩	A Novel Elbow Pneumatic Muscle Actuator for Exoskeleton Arm in Post-Stroke Rehabilitation	مدرس	علاء فلاح عبدالحسن	٦
UKSim-AMSS 21st International Conference on Modelling & Simulation	٢٠١٩	IR sensors array for robots localization using K means clustering algorithm			
MDPI- Actuators	٢٠٢٠	The design, kinematics and torque analysis of the self-bending soft contraction actuator			
Basrah University, The 3rd Scientific Conference of Electrical and Electronic Engineering Researches (SCEEER)		The Design and Implementation of a Single-Actuator Soft Robot Arm for Lower Back Pain Reduction			
IEEE, the 2nd International Conference on Electrical, Communication and Computer Engineering (ICECCE) 14-15 April 2020, Istanbul, Turkey		The Temperature Effect on the Characteristics of the Dielectric Elastomer Actuator			
Frontiers ,in Robotics and AI	٢٠٢٠	Controlling of Pneumatic Muscle Actuator Systems by Parallel Structure of Neural Network and Proportional Controllers (PNNP)			
Springer/Engineering with Computers	٢٠٢٠	A smart metaheuristic algorithm for solving engineering problems	مدرس	دنيا ستار طاهر	٧
Advances in Science, Technology and Engineering Systems Journal (ASTESJ)	٢٠١٩	Alleviation of Nonlinear Impact Using PAPR Hybrid Technique in CO-OFDM Systems	استاذ	غيداء عبدالرزاق سهيل	٨
Journal of Communications Technology, Electronics and Computer Science, Issue 22	٢٠١٩	Application Tool based on C4.5 Decision Tree for Diagnosing DiabetesInfection Symptoms			
International Journal of Computer Applications	٢٠١٩	A New Parameters Identification Technique for Constrained Robot	مدرس	وسن عبدالرزاق والي	٩
USA/ International Journal of Computer Applicationsالمجله الامريكيه العالميه	٢٠١٩	Designing and Building an Over Voltage Protection System for a Smart Home	مدرس مساعد	اسراء صبري عبد الامير	١٠
university of salford manchesterالجامعه البريطانيه في سالفورد مانشستر	٢٠١٩	IR sensors array for robots localization using K means clustering algorithm			
(Electrical Engineering Journal	٢٠١٩	An Efficient Mathematical			

(university of basrah)مجله جامعه البصره-كليه الهندسه		Approach for an Indoor Robot Localization System			
(.DOI: 10.1109/ICMSAO.2019)الموتمر الدولي لمجلس التعاون الخليجي المقام في المنامه(جامعة البحرين)	٢٠١٩	Design and Implementation an Indoor Robot Localization System Using Minimum Bounded Circle Algorithm			
International Journal of Computer امريكا Applications (0975 – 8887) Volume 177 – No. 16, November 2019	٢٠١٩	Design and Construction a Falling Water Digital Display System			
مؤتمر ماليزيا	٢٠٢٠	A New Algorithm for Indoor Robot Path Planning			
ACM, International conference	٢٠١٩	Robust Hand Gesture Identification Using Envelope of HD-sEMG Signal	مدرس	هنادي عباس جابر	١١
Iraqi Journal of Computers, Communications, Control and System Engineering (IJCCCSE)	٢٠١٩	HD-sEMG Gestures Recognition by SVM Classifier for Controlling Hand Prostheses			
The Fourth Scientific Conference for Engineering and Postgraduate Research (PEC19) Baghdad, Iraq, 16-17 December, 2019	٢٠١٩	Using The Robust High Density-surface Electromyography Features for Real-Time Hand Gestures Classification			
Iraqi Journal for Electrical and Electronic Engineering	٢٠٢٠	Interactive Real-Time Control System for The Artificial Hand			