

Published Research for the Department of Computer Science for the Year 2021

Email address	Article Title	First Author	Second Author	Third Author	Journal Name	Year of Publication	Article URL
co.khattab.alheeti@uoanbar.edu.iq	An Intrusion Detection System for IoT Using KNN and Decision-Tree Based Classification	Zainab Hussam Abdaljabar;	Osman Nuri Ucan;	Khattab M. Ali Alheeti	International Conference of Modern Trends in Information and Communication Technology Industry (MTICTI)	2021	https://ieeexplore.ieee.org/abstract/document/9664772
belal-alkhateeb@uoanbar.edu.iq	Speech Age Estimation Using a Ranking Convolutional Neural Network	Abdul mohsin , Husam	Stephan, Jane	Al-Khateeb, Belal	International Conference on Computing and Communication Networks	2021	https://link.springer.com/chapter/10.1007/978-981-19-0604-6_11
belal-alkhateeb@uoanbar.edu.iq	The Red Colobus Monkey: A New Nature-Inspired Metaheuristic Optimization Algorithm	Al-kubaisy, Wijdan	Yousif, Mohammed	Al-Khateeb, Belal	International Journal of Computational Intelligence Systems	2021	https://www.atlantispress.com/journals/ijcis/125954167/view
belal-alkhateeb@uoanbar.edu.iq	Image Classification using Convolution Neural Network Based Hash Encoding and Particle Swarm Optimization	Al-Janabi, Sameer	Al-Janabi, Sufyan	Al-Khateeb, Belal	International Conference on Data Analytics for Business and Industry: Way Towards a Sustainable Economy (ICDABI)	2021	https://ieeexplore.ieee.org/document/9325655
co.esamtaha@uoanbar.edu.iq	A self-adaptation algorithm for quay crane scheduling at	Yassen , Esam	Ayob, Masri	Jihad, Alaa	IAES International journal of	2021	https://www.researchgate.net/publication/356686561_A_self-

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	a container terminal			Nazri, Mohd	artificial intelligence (IJ-AI)		adaptation algorithm for quay crane scheduling at a container terminal
co.esamtaha@uoanbar.edu.iq	Lion optimization algorithm for team orienteering problem with time window	Yassen, Esam	Jihad, Alaa	Abed, Sudad	The Indonesian Journal of Electrical Engineering and Computer Science (IJECS)	2021	https://ijeecs.iaescore.com/index.php/IJECS/article/view/22359#:~:text=LA%20has%20been%20presented%20as%20a%20powerful%20optimization,called%20team%20orienteering%20problem%20with%20time%20windows%20%28TOPTW%29.
belal-alkhateeb@uoanbar.edu.iq	Electricity-theft detection in smart grids based on deep learning	Ibrahim, Noor	Al-Janabi, Sufyan	Al-Khateeb, Belal	Bulletin of Electrical Engineering and Informatics	2021	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3884895#:~:text=The%20smart%20grid%20%28SG%29%20infrastructure%20generates%20a%20massive,model%20for%20automatic%20electricity%20theft%20detection%20is%20presented.
belal-alkhateeb@uoanbar.edu.iq	Rock Hyraxes Swarm Optimization: A New Nature-Inspired Metaheuristic Optimization Algorithm	Al-Khateeb, Belal	Le, Dac Ahmed, Kawther	Mahmood, Maha	Computers, Materials & Continua	2021	https://www.techscience.com/cmc/v68n1/41794
azmi.alrawi@uoanbar.edu.iq	Analysis the digital images by using morphology operators	Saeed, Hadeel	Hamad, Sumaya	Hussain, Azmi	Indonesian Journal of Electrical Engineering and Computer Science	2021	https://www.academia.edu/98183789/Analysis_the_digital_images_by_using_morphology_operators
co.wesam.jasim@uoanbar.edu.iq	Deep Learning Algorithms based Voiceprint Recognition	Khdier, Hajer	Jasim, Wesam	Aliesawi, Salah	International Conference of Modern Applications on Information and	2021	https://iopscience.iop.org/article/10.1088/1742-6596/1804/1/012042

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	System in Noisy Environment				Communication Technology (ICMAICT)		
co.wesam.jasim@uoanbar.edu.iq	Enhancement of the U-net Architecture for MRI Brain Tumor Segmentation	Hmeed , Assef	Aliesawi, Salah	Jasim, Wesam	Lecture Notes in Networks and Systems	2021	https://link.springer.com/chapter/10.1007/978-981-16-0666-3_28
co.wesam.jasim@uoanbar.edu.iq	Diabetics blood glucose control based on GA-FOPID technique	Jasim, Wesam	Al Mashhadany, Yousif		Bulletin of Electrical Engineering and Informatics (BEEI)	2021	https://beei.org/index.php/EEI/article/view/2715