

Research published in 2022						
type of the journal	Name of published research	Name of the journal in which the research was published	Publication date	Names of participating researchers	Name of the first researcher	N
Local	Melanoma Skin Lesion Classification Using Neural Networks: A systematic review	AL-Rafidain Journal of Computer Sciences and Mathematics	2022	Mohammed Chachan Younis	Ahmed Hammo	1
Conference paper (Scopus)	Machine Learning Based Classification of Multi-Component Shape Descriptors	2022 8th International Conference on Contemporary Information Technology and Mathematics (ICCITM)	2022		Mohammed Chachan Younis	2
Scopus	A proposed model for diabetes mellitus classification using coyote optimization algorithm and least squares support vector machine	IAES International Journal of Artificial Intelligence (IJ-AI)	2022	Suhair Abd Dawwod	Baydaa Sulaiman Bahnam	3
Local	An overview of Cuckoo Optimization Algorithm based Image Processing	Al-Rafidain Journal of Computer Sciences and Mathematics (RJCM)	2022		Baydaa Sulaiman Bahnam	4
Global	Design Hybrid Intelligent system for Cattle Diseases Diagnosis and Treatment	Technium	2022	Ibrahim Ahmed Saleh & Baydaa Sulaiman Bahnam	Safwan Omar Hasoon	5
Global	Models for Predicting River Suspended Sediment Load Using Machine Learning: A Survey	Technium	2022	Baydaa Sulaiman Bahnam	Lubna Jamal Chachan	6
local	Predict the Risk Level in Iraqi Governorates According to the Spread of COVID-19 Using Data Mining	NTU Journal of Pure Sciences 1 (2), 22-28	2022	Ban Sharif Mustafa	Ibtisam Othman	7
local	A survey on word representation in natural language processing	AIP Conference Proceedings 2394 (1)	2022	Ban Sharif Mustafa	Mustafa Salim	8
Scopus	A New Secure Encryption Algorithm Based on RC4 Cipher and 4D Hyperchaotic Sprott-S System	IEEE Proceedings - CSCTIT 2022: 5th College of Science International Conference on	2022	Zeena N. Al-kateeb	Nadia M. Mohammed	9

		Recent Trends in Information Technolog				
Scopus	Prospects and Challenges of the Cloud of Things in Telemedicine	IEEE 2022 8th International Conference on Contemporary Information Technology and Mathematics, ICCITM	2022	Zeena N. Al-kateeb	Dhuha Basheer Abdullah	10
Scopus	A Comparison of Pathfinding Algorithm for Code Optimization on Grid Maps	International Journal of Advanced Computer Science and Applications	2022	Mohd Shahrizal Sunar, Zeyad Abd Algfoor	Azyan Yusra Kapi	11
Local	Sumudu-Decomposition Method to Solve Generalized Hirota-Satsuma Coupled Kdv System	Science Journal of University of Zakho	2022	Saad A Manaa	Shrooq Mohammed Azzo	12
IEEE xplore	Sumudu Homotopy Perturbation Method (SHPM) Tosol Vehirota-Satsuma Coupled kdv System	2022 Fifth College of Science International Conference of Recent Trends in Information Technology (CSCTIT)	2022	Saad Manaa	Shrooq Azzo	13