بحوث قسم علوم الحاسوب للعامين الدراسيين 2020-2021 و 2021-2022

الرابط	محلي/عالمي	sci	سكوبس	السنة	الباحثين	المجلة	عنوان البحث	ت
https://journals.tubitak.gov.tr/cgi/viewcontent.cgi?article=3801&context=elektrik		*	*	2022	د. اياد ابراهيم+ م.م. ظافرغني +د. صلاح فليح	Turkish Journal of Electrical Engineering & Computer Sciences	Privacy preserving scheme for document similarity detection	1
https://ieeexplore.ieee.org/document/9683330			*	2022	م.م. ظافر غني + د. حسام عاكف+ د. اياد ابراهيم + د. صلاح فليح	International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS)	Privacy Preserving Image Matching Scheme with Aggregated Local Descriptors	2
https://ieeexplore.ieee.org/abstract/document/9702365			*	2022	د. زيد امين	International Conference on Information Systems and Computer Networks (ISCON)	Energy Efficient WSN Sink-Cloud Server Authentication Protocol	3
https://ieeexplore.ieee.org/document/9698744			*	2022	د. اياد ابراهيم+ د. زيد امين	Electrical, Computer and Energy Technologies (ICECET), International Conference on	Provably Secure Session Key Agreement Protocol for Unmanned Aerial Vehicles Packet Exchanges	4
https://ieeexplore.ieee.org/document/9712337		*	*	2022	د. زيد امين + م.م. ظافرغني +د. اياد ابراهيم	IEEE access	Provably Secure and Fast Color Image Encryption Algorithm Based on S-Boxes and Hyperchaotic Mapping	5
https://beei.org/index.php/EEI/article/view/3543			*	2022	د. زيد امين	Bulletin of Electrical Engineering and Informatics	Model to enhance knowledge sharing process in academia during COVID-19	6
https://ieeexplore.ieee.org/document/9768338			*	2022	د. زيد امين	International Conference on Signal, Control and Communication (SCC)	Authentication and Key Agreement Protocol for Secure Traffic Signaling in 5G Networks	7
https://link.springer.com/chapter/10.1007/978-3-030-98005-4_14			*	2022	د. زيد امين	ADHOCNETS 2021	Dynamic Ephemeral and Session Key Generation Protocol for Next Generation Smart Grids	8
https://link.springer.com/chapter/10.1007/978-3-030-98002-3_24			*	2022	د. زيد امين	CROWNCOM 2021	Anonymous Key Agreement and Mutual Authentication Protocol for Smart Grids	9
https://beei.org/index.php/EEI/article/view/3279			*	2022	د. زيد امين	Bulletin of Electrical Engineering and Informatics	Audio steganography with enhanced LSB method for securing encrypted text with bit cycling	10
https://ijeecs.iaescore.com/index.php/IJEECS/article/view/27029			*	2022	م.م. انتصار برجس+ م.م. ايمان ثابت+ د. علي عادل	Indonesian Journal of Electrical Engineering and Computer Science	Sentiment analysis system for COVID-19 vaccinations using data of Twitter	11
https://link.springer.com/article/10.1007/s11042-022-13282-4		*	*	2022	م.م. انتصار برجس+ م.م. ايمان ثابت	Multimedia Tools and Applications	GLDM and Tamura features based KNN and particle swarm optimization for automatic diabetic retinopathy recognition system	12
https://beei.org/index.php/EEI/article/view/3658/2785			*	2022	د. علي عادل	Bulletin of Electrical Engineering and Informatics	Privacy-preserving multi-factor authentication and role-based access control scheme for the E-healthcare system	13
لايوجد			*	2022	د. خولة حسين	International Journal of Mechanical Engineering	An Improvement of The MRI Segmentation Algorithm on The Human Brain	14

URL				Year	الباحث	المجلة	عنوان البحث	ت
https://qu.edu.iq/journalsc/index.php/JOPS/article/view/1449	*			2022	م.م. انتصار برجس+ م.م. ايمان ثابت	Al-Qadisiyah journal of pure science	Automatic Diabetic Retinopathy Recognition Method based on GLDM Features and Feed Forward Neural Network Classifier.	15
https://djes.info/index.php/djes/article/view/935	*			2022	د. خولة حسين	Diyala Journal of Engineering Sciences	Segmentation of Human Brain Gliomas Tumour Images using U-Net Architecture with Transfer Learning	16
http://ijeee.edu.iq/Papers/Vol18-Issue1/1570769744.pdf	*			2022	د. خولة حسين	Iraqi Journal for Electrical and Electronic Engineering	Brain MRI Images Segmentation Based on U-Net Architecture	17
	*			2022	د. خولة حسين	Iraqi Journal for Electrical and Electronic Engineering	Semantic Segmentation of Aerial Images Using U-Net Architecture	18
https://ijeecs.iaescore.com/index.php/IJEECS/article/view/28577		*		2022	م.عبد الله جاسم+ د. علي عادل+ د. حامد + ايمان ثابت	Indonesian Journal of Electrical Engineering and Computer Science	Design a sturdy and secure authentication scheme capable of early detection of COVID-19 patients using WBANS	19
https://ijeee.edu.iq/Papers/Vol18-Issue2/1570802496.pdf	*			2022	د. اياد	Iraqi Journal for Electrical and Electronic Engineering	Privacy-preserve content-based image retrieval using aggregated local features	20
https://ijeee.edu.iq/Papers/Vol	*			2022	د. اياد	Iraqi Journal for Electrical and	Secure Content-Based Image Retrieval with Copyright Protection	21
https://ieeexplore.ieee.org/document/9799997		*		2022	د. زيد امين	International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA)-22	Efficient Extreme Gradient Boosting Based Algorithm for QoS Optimization in Inter-Radio Access Technology Handoffs	22
https://muthjps.mu.edu.iq/neural-network-for-classification-waters-sample-of-shatt-al-arabe-river/	*			2022	م. انتصار برجس	Muthanna Journal of Pure Science	Neural network for classification waters sample of shatt al Arabe River	23
https://ieeexplore.ieee.org/document/9790187		*		2022	د. خولة حسين	Muthanna International Conference on Engineering Science and Technology (MICEST)	Enhanced Semantic Segmentation of Aerial images with Spatial Smoothness Using CRF Model	24
https://ijeee.edu.iq/Papers/Vol18-Issue1/1570789078.pdf	*			2022	د. علي عادل	Iraqi Journal for Electrical and Electronic Engineering	Secure Patient Authentication Scheme in the Healthcare System Using Symmetric Encryption	25
https://ieeexplore.ieee.org/document/9815685		*		2022	د. زيد امين	Global Power, Energy and Communication Conference (GPECOM)	Verifiable Security and Privacy Provisioning Protocol for High Reliability in Smart Healthcare Communication Environment	26
https://www.springerprofessional.de/en/stochastic-security-ephemeral-generation-protocol-for-5g-enabled/23249018		*		2022	د. زيد امين	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering	Stochastic Security Ephemeral Generation Protocol for 5G Enabled Internet of Things	27
https://beei.org/index.php/EEI/article/view/4323		*		2022	د. اياد ابراهيم	Bulletin of Electrical Engineering and Informatics	SMPP-CBIR: Shorted and Mixed Aggregated Image Features for Privacy-Preserving Content-Based Image Retrieval	28
https://ieeexplore.ieee.org/document/9830257/authors#authors		*		2022	د. زيد امين	IEEE International Energy Conference and Exhibition (EnergyCon)	Temporary Symmetric Key Based Message Verification Protocol for Smart Energy Networks	29
http://djes.info/index.php/djes/article/view/935	*			2022	د. خولة حسين	Diyala Journal of Engineering Sciences Vol.15, No 1, March 2022	Segmentation of Human Brain Gliomas Tumour Images using U-Net Architecture with Transfer Learning	30

Link				Year	Authors	Publication	Title	#
https://ieeexplore.ieee.org/document/9842900		*		2022	د.زيد امين + د.مصطفى صلاح	[IEEE Access](#)	Biometric-Based Packet Validation Scheme for Body Area Network Smart Healthcare Devices	31
[https://link.springer.com/chapter/10.1007/978-3-031-15101-9_2](#)			*	2022	د.زيد امين + د.مصطفى صلاح + ظافر + Vincent+ Junchao	International Conference on Future Access Enablers of Ubiquitous and Intelligent Infrastructures	MAC-Based Symmetric Key Protocol for Secure Traffic Forwarding in Drones	32
https://ijeecs.iaescore.com/index.php/IJEECS/article/view/29264			*	2022	عقيل قاسم + علي عادل + مشتاق+مصطفى	Indonesian Journal of Electrical Engineering and Computer Science (IJEECS)	Secure authentication and privacy-preserving to improve video streaming vehicle ad-hoc network	33
https://www.mdpi.com/2224-2708/11/3/55		*	*	2022	زيد امين + عبد الله جاسم + Vincent+ Junchao	Journal of Sensor and Actuator Networks	Session-Dependent Token-Based Payload Enciphering Scheme for Integrity Enhancements in Wireless Networks	34
https://ijece.iaescore.com/index.php/IJECE/article/view/27216			*	2022	غزوان عبد النبي	International Journal of Electrical and Computer Engineering	Predicting reaction based on customer's transaction using machine learning approaches	35
https://www.mdpi.com/2073-431X/10/11/141/pdf?version=1637235248		*	*	2021	د. صلاح فليح+ م.م. ظافر غني + د. اياد ابراهيم	MDPI: computers	Employee Attrition Prediction Using Deep Neural Networks	36
[https://www.mdpi.com/2076-3417/11/24/12040/htm](#)		*	*	2021	د. اياد ابراهيم+د. زيد امين	MDPI: applied sciences	Lightweight, Secure, Similar-Document Retrieval over Encrypted Data	37
https://ijeecs.iaescore.com/index.php/IJEECS/article/view/23546			*	2021	د. علي عادل+ م. مشتاق عبد . المطلب	Indonesian Journal of Electrical Engineering and Computer Science	Towards design strong emergency and COVID-19 authentication scheme in VANET	38
http://openaccess.altinbas.edu.tr/xmlui/handle/20.500.12939/2213			*	2021	د. علي عادل	Webology, Volume 18, Special Issue on Current Trends in Management and Information Technology	Electronic Health Records System Using Blockchain Technology	39
https://beei.org/index.php/EEI/article/view/3170			*	2021	د. صلاح فليح	Bulletin of Electrical Engineering and Informatics	Goal location prediction based on deep learning using RGB-D camera	40
[https://ieeexplore.ieee.org/document/9653385](#)			*	2021	د. زيد امين	IEEE	Towards Security and Privacy Preservation in 5G Networks	41
https://ieeexplore.ieee.org/document/9529552			*	2021	د. زيد امين + د. اياد ابراهيم	IEEE Annual International Computer Software and Applications Conference (COMPSAC)	Lightweight Privacy-Preserving Similar Documents Retrieval over Encrypted Data	42
https://link.springer.com/chapter/10.1007/978-981-16-1781-2_82			*	2021	د. زيد امين	Proceedings of Sixth International Congress on Information and Communication Technology	Towards Iris-Based Authentication for Smart Devices in the Cloud	43
https://ieeexplore.ieee.org/document/9529393			*	2021	د. زكريا احمد	IEEE Annual International Computer Software and Applications Conference (COMPSAC)	Prediction of COVID-19 from Chest X-ray Images Using Multiresolution Texture Classification with Robust Local Features	44
https://www.sciencedirect.com/science/article/pii/S0010482521006727		*	*	2021	م.م. ايمان ثابت	Computers in Biology and Medicine	Telehealth utilization during the Covid-19 pandemic: A systematic review	45
https://www.iasj.net/iasj/article/218789	*			2021	د. اياد ابراهيم	Iraqi Journal for Electrical and Electronic Engineering	Secure Multi-keyword Similarity Search Over Encrypted Data With Security Improvement	46

Link				Year	Authors	Journal	Title	No.
http://ijeee.edu.iq/Papers/Vol17-Issue2/1570733805.pdf	*			2021	د. اياد ابراهيم	Iraqi Journal for Electrical and Electronic Engineering	Backward Private Searchable Symmetric Encryption with Improved Locality	47
http://ijeee.edu.iq/Papers/Vol17-Issue2/1570744563.pdf	*			2021	د. علي عادل	Iraqi Journal for Electrical and Electronic Engineering	Towards for Designing Intelligent Health Care System Based on Machine Learning	48
http://ijeee.edu.iq/Papers/Vol17-Issue2/1570736047.pdf	*			2021	رنا جاسم	Iraqi Journal for Electrical and Electronic Engineering	A Survey on Segmentation Techniques for Image Processing	49
https://ijeecs.iaescore.com/index.php/IJEECS/article/view/25134/15221		*		2021	د. اياد+ د.صلاح+م. ظافر	Indonesian Journal of Electrical Engineering and Computer Science	Efficient Multi-keyword Similarity search Over Encrypted Cloud Documents	50
https://sjpas.com/index.php/sjpas/article/view/206	*			2021	انتصار برجس	Samarra Journal of (2021) مجلد 3 عدد 2 :Pure and Applied Science	تطبيق طريقة التزامن من نوع PC على الدائرة االلكترونية الفوضوية من نوع – attraction repulsion	51
http://ijeee.edu.iq/Papers/Vol17-Issue1/1570720622.pdf	*			2021	د. علي عادل	Iraqi Journal for Electrical and Electronic Engineering	An Efficient Mechanism to Prevent the Phishing Attacks	52
https://ieeexplore.ieee.org/document/9568485		*		2021	د. حامد + د. مصطفى	Communication & Information Technology (ICICT), 2021 International Conference on	Decision making system based on FWQI to assess of drinking water in basrah Iraq	53
https://ijeecs.iaescore.com/index.php/IJEECS/article/view/24150		*		2021	د. زيد امين+محمد عبد الرضا	Indonesian Journal of Electrical Engineering and Computer Science	Securing audio transmission based on encoding and steganography	54
https://www.iasj.net/iasj/download/3bb9884417d158a8	*			2021	د. خولة حسين	Journal of Basrah Researches ((Sciences))	A new approach for finding duplicated words in scanned Arabic documents based on OCR and SURF	55
https://www.mdpi.com/2076-3417/11/14/6376/pdf		*	*	2021	د. زيد امين	Applied Sciences- MDPI	Secure data of Industrial Internet of Things in a Cement Factory Based on a Blockchain Technology	56
https://ijeecs.iaescore.com/index.php/IJEECS/article/view/25153/15163		*		2021	د. علي عادل + م. مشتاق عبد المطلب+ م. عبد الله جاسم+د. حامد	Indonesian Journal of Electrical Engineering and Computer Science	Password authentication scheme based on smart card and QR code	57
http://ijeee.edu.iq/Papers/Vol18-Issue1/1570765472.pdf	*			2021	د. صلاح فليح	Iraqi Journal for Electrical and Electronic Engineering	Face Recognition System Against Adversarial Attack Using Convolutional Neural Network	58
https://www.iasj.net/iasj/download/86d2cbcca61b32ea	*			2021	د. صلاح فليح+ م.م. صهيب عبد اللطيف	Journal of Basrah Researches ((Sciences))	MT Hybrid RRT-A* Regression-based: An Enhanced Path Planning Method for an Autonomous Mobile Robots	59
https://www.iasj.net/iasj/article/223601	*			2021	د. اياد ابراهيم	Journal of Basrah Researches ((Sciences))	Multi-keyword search over encrypted data with security proof	60
https://www.iasj.net/iasj/article/222327	*			2021	د. اياد ابراهيم	Journal of Basrah Researches ((Sciences))	Security proof for backward searchable encryption scheme	61
https://dl.acm.org/doi/10.1145/3459955.3460594		*		2021	د. محمد عبد الرضا +مصطفى صلاح+ د. زيد امين	ICISS 2021: 2021 The 4th International Conference on Information Science and Systems	Web application database protection from SQLIA using permutation encoding	62
https://ijeecs.iaescore.com/index.php/IJEECS/article/view/23732/0		*		2020	د. علي عادل+ م. عبد الله جاسم	Indonesian Journal of Electrical Engineering and Computer Science	A novel image encryption scheme based on DCT transform and DNA sequence	63
https://ieeexplore.ieee.org/document/9259519			x	2020	زيد امين عبد الجبار+محمد عبد الرضا	IEEE International Conference on Signal Processing, Communications and Computing (ICSPCC)	Promising Bio-Authentication Scheme to Protect Documents for E2E S2S in IoT-Cloud	64

Link				Year	Author	Journal	Title	No.
http://e-journal.uum.edu.my/index.php/jict/article/view/6303/2270			x	2020	د. علي عادل ياسين+ م. عبد الله جاسم	Journal of information and technology	SMART CITY SECURITY: FACE-BASED IMAGE RETRIEVAL MODEL USING GRAY LEVEL CO-OCCURRENCE MATRIX	65
https://doi.org/10.1007/s10916-020-01582-x		x	x	2020	ايمان ثابت	Journal of medical science	Role of biological Data Mining and Machine Learning Techniques in Detecting and Diagnosing the Novel Coronavirus (COVID-19): A Systematic Review	66
https://ieeexplore.ieee.org/abstract/document/9274321		x	x	2020	زيد امين عبد الجبار+محمد عبد الرضا	IEEE Access	Lightweight Secure Message Delivery for E2E S2S Communication in the IoT-Cloud System	67
https://www.iasj.net/iasj/download/6d5fb891ae083894	x			2020	اياد ابراهيم عبد السادة	Journal of Basrah Researches ((Sciences)) Vol. (46). No. 1 (2020)	SECURE SIMILAR DETECTION FOR DOCUMENTS	68
https://aip.scitation.org/doi/10.1063/1.5142122			X	2020	حامد علي عبد	AIP Conference Proceedings	Multiwavelength fiber laser employing semiconductor optical amplifier in nonlinear optical loop mirror with polarization controller and polarization maintaining fiber	69
https://aip.scitation.org/doi/10.1063/1.5142121			X	2020	حامد علي عبد	AIP Conference Proceedings	Characteristics of multiwavelength fiber laser employing semiconductor optical amplifier in nonlinear optical loop mirror with different length polarization maintaining fiber	70
http://journal.uob.edu.bh/handle/123456789/3878			X	2020	حامد علي عبد	International Journal of Computing and Digital Systems ISSN (2210-142X) Int. J. Com. Dig. Sys. 9, No.4 (July-2020)	Enhanced Clustering Algorithm for Efficient Clustering in Wireless Sensor Network	71
DOI 10.5013/IJSSST.a.21.03.09	X			2020	حامد علي عبد	International Journal of Simulation -- Systems, Science & Technology	A Critical Comparative Review of Nature-Inspired Optimization Algorithms (NIOAs)	72
10.23977/acss.2020.040105	X			2020	حامد علي عبد	Advances in Computer, Signals and Systems (2020) 4: 25-35, Clausius Scientific Press, Canada	Classification of Groundwater Quality using Artificial Neural Networks in Safwan and Al-Zubayr in Basra	73
https://www.springerprofessional.de/multi-factor-authentication-for-an-administrator-s-devices-in-an/18834330			X	2020	عبد الله جاسم ياسين	2nd International Conference on Advances in Cybersecurity (ACeS 2020), CCIS 1347, pp. 27–47	Multi-factor Authentication for an Administrator's Devices in an IoT Environment	74
https://ieeexplore.ieee.org/abstract/document/9169647		X	X	2020	علي عادل ياسين	IEEE Access	VPPCS: VANET-Based Privacy-Preserving Communication Scheme	75
https://www.iasj.net/iasj/article/185609	X			2020	علي عادل ياسين	Journal of Basrah Researches (Sciences)	DESIGN A LIGHTWEIGHT AUTHENTICATION SCHEME FOR WBAN IN HEALTHCARE SYSTEMS	76
https://dl.acm.org/doi/abs/10.1145/3429523.3429529			X	2020	زيد امين عبد الجبار	Proceedings of the 2020 5th International Conference on Cloud Computing and Internet of Things	Toward Awareness Locality Algorithms of Peer-to-Peer File Sharing Network	77
https://ieeexplore.ieee.org/abstract/document/8876847		X	X	2020	زيد امين عبد الجبار	IEEE Access	Greedy Learning of Deep Boltzmann Machine (GDBM)'s Variance and Search Algorithm for Efficient Image Retrieval	78
https://www.iasj.net/iasj/download/c0f4a95423736c35	X			2020	محمد عبد الرضا حسين	Journal of Basrah Researches ((Sciences)	Encoding Query Based Lightweight Algorithm for Preventing SQL injection attack	79

https://dl.acm.org/doi/10.1145/3429523.3429529			*	2020	د. زيد امين	CCIOT 2020: Proceedings of the 2020 5th International Conference on Cloud Computing and Internet of Things	Toward awareness locality algorithms of Peer-to-Peer file sharing network	80
https://link.springer.com/article/10.1007/s11042-020-09903-5		*	*	2020	م.م. ايمان ثابت	Multimedia Tools and Applications volume	Algorithm of local features fusion and modified covariance-matrix technique for hand motion position estimation and hand gesture trajectory tracking approach	81
http://ijeee.edu.iq/Papers/Vol17-Issue1/1570715176.pdf	*			2020	د. صلاح فليح+ م.م. صهيب عبد اللطيف	Iraqi Journal for Electrical and Electronic Engineering	Hybrid RRT-A*: An Improved Path Planning Method for an Autonomous Mobile Robots	82

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