

## الخطة البحثية لقسم التقنيات الكهربائية للعام الدراسي 2022-2023

نوع البحث				سنة النشر	اسم المجلة	اسم البحث	اسم الباحث كما ورد في البحث	اسم الباحث	ت
تطبيق ي	محلي	wos	scops						
			✓	2022 - 2023	<b>Optik - International Journal for Light and Electron Optics</b> 282 (2023) 170850  journal homepage: <a href="http://www.elsevier.com/locate/ijleo">www.elsevier.com/locate/ijleo</a>	<b>Improvement of the electronic, mechanical and optical properties of cubic As-doped BN alloy for energy harvesting applications</b>	Hayder Salah Mohammed	د.حيدر صلاح محمد	1

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تطبيقي	محلي	wos	scops						
			✓	2021 - 2022	Turkish Journal of Physiotherapy and Rehabilitation and the 1st International Quality Conference (IQCTIK2021) which will be held on 25-26 August 2021 in the Technical Institute of Karbala, Iraq	AN INTELLIGENT DECISION TO EXAMINE SKIN IRREGULARITY IMAGES IN DIFFERENT TUMOURS TO TEST THE BEST MULTI-LEVELS THRESHOLDING USING MF	Mahmood H. Enad	محمود حاكم عناد	1
			✓	2021 - 2022	Int. J. Agricult. Stat. Sci. Vol. 17, No. 1, pp. 177-180, 2021 www.connectjournals.com/ijass DocID: https://connectjournals.com/03899.2021.1 7.177 ISSN : 0973-1903, e-ISSN : 0976-3392	THE IMPACT OF PLOWING DEPTH AND SOIL MOISTURE ON SOME TECHNICAL INDICATORS AT USING DISK PLOW	K.H.Swain	خالد حتوم صوين	2
			✓	2021 - 2022	IAES International journal of Artificial Intelligence (IJ-AI)	Inspection based risk management of electric distribution overhead lines	Adnan Tawafan	عدنان حسن طوفان	3
			✓	2021 - 2022	IAES International journal of Artificial Intelligence (IJ-AI)	Inspection based risk management of electric distribution overhead lines	Fatima Kadhem Abd	فاطمة كاظم عبد	4

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تطبيقي	محلي	wos	scops							
			✓	2020 - 2021	Int. J. Agricult. Stat. Sci. Vol. 17, No. 1, pp. 177-180, 2021 www.connectjournals.com/ijass DocID: https://connectjournals.com/03899.2021.1 7.177 ISSN : 0973-1903, e-ISSN : 0976-3392	The Impact of Plowing Depth and Soil Moisture on Some Technical Indicators at Using Disk Plow		K.H.Swain	خالد حتوم صوين	1
			✓	2020 - 2021	Journal of Green Engineering (JGE)	Space time orthogonal frequency division multiplexing with Quasi dynamic adaptive switching modulation in power line communication		A. A. Salman	عبد الكاظم عزيز سلمان	2
			✓	2020 - 2021	solid state technology, Vol. 63 No. 6 (2020)	ADAPTIVE TRANSMISSION TECHNIQUES FOR MULTIPLE-INPUT MULTIPLE-OUTPUT (MIMO) POWER LINE COMMUNICATIONS (PLC) CHANNEL		A. A. Salman	عبد الكاظم عزيز سلمان	3
			✓	2020 - 2021	Indonesian Journal of Electrical Engineering and Computer Science	Arabic Speaker Recognition using HMM		A. A. Salman	عبد الكاظم عزيز سلمان	4

			✓	2020 - 2021	TELKOMNIKA Telecommunication, Computing, Electronics and Control	Developed approach for phase-based Eulerian video magnification		Zaid Jabbar Al-allaq	زيد جبار	5
			✓	2020 - 2021	International Journal of Electrical and Computer Engineering (IJECE)	Efficient denoising approach based Eulerian video magnification for colour and motion variations		Zaid Jabbar Al-allaq	زيد جبار	6
			✓	2020 - 2021	IAES International journal of Artificial Intelligence (IJ-AI)	Inspection based risk management of electric distribution overhead lines		Adnan Tawafan	عدنان حسن طوفان	7
			✓	2020 - 2021	IAES International journal of Artificial Intelligence (IJ-AI)	Inspection based risk management of electric distribution overhead lines		Fatima Kadhem Abd	فاطمة كاظم عبد	8
			✓	2020 - 2021	Turkish Journal of Physiotherapy and Rehabilitation and the 1st International Quality Conference (IQCTIK2021) which will be held on 25-26 August 2021 in the Technical Institute of Karbala, Iraq	AN INTELLIGENT DECISION TO EXAMINE SKIN IRREGULARITY IMAGES IN DIFFERENT TUMOURS TO TEST THE BEST MULTI-LEVELS THRESHOLDING USING MF		Mahmood H. Enad	محمود حاكم عناد	9

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رابط البحث	نوع البحث				سنة النشر	اسم المجلة	اسم البحث	اسم الباحث الاجنبي	اسم الباحث كما ورد في البحث	اسم الباحث	ت
	تطبيقي	محلي	WOS	Scopus							
<a href="https://ieeexplore.ieee.org/abstract/document/8700998/">https://ieeexplore.ieee.org/abstract/document/8700998/</a>				✓	2019 - 2020	IEEE MTTs International Microwave Symposium (IMS)	Global Behavioural Model Generation Using Coefficients Interpolation	Paul Tasker	Thoalfukar Husseini	ذو الفقار حميد عبد الرضا	1
<a href="https://ieeexplore.ieee.org/abstract/document/8708726/">https://ieeexplore.ieee.org/abstract/document/8708726/</a>				✓	2019 - 2020	IEEE Topical Conference on RF/Microwave Power Amplifiers for Radio and Wireless Applications (PAWR)	Cardiff Behavioural Model Analysis using a TwoTone Stimulus	Johannes Benedikt	Thoalfukar Husseini	ذو الفقار حميد عبد الرضا	2
<a href="https://ieeexplore.ieee.org/abstract/document/8700779/">https://ieeexplore.ieee.org/abstract/document/8700779/</a>				✓	2019 - 2020	IEEE MTTs International Microwave Symposium (IMS)	Behavioural Model Extraction using Novel Multitone Active Load-pull	Johannes Benedikt	Thoalfukar Husseini	ذو الفقار حميد عبد الرضا	3
<a href="https://www.proquest.com/openview/3c5b238217ecd23beed1c5ddc5a5d630/1?pq-origsite=gscholar&amp;cbl=4998669">https://www.proquest.com/openview/3c5b238217ecd23beed1c5ddc5a5d630/1?pq-origsite=gscholar&amp;cbl=4998669</a>				✓	2019 - 2020	International Conference on Agricultural Sciences IOP Conf. Series: Earth and Environmental Science 388 (2019) 012049 IOP Publishing doi:10.1088/1755-1315/388/1/012049	The Effect of Tillage and Pulverization Equipment on Beans Growth and Some Technical Indication for Machinery Unit.		Swain, K.H.	خالد حتوم صوين	4
<a href="https://www.researchgate.net/publication/348558326">https://www.researchgate.net/publication/348558326</a>				✓	2019 - 2020	Int. J. Agricult. Stat. Sci. Vol. 16, Supplement 1, pp. 1811-1814, 2020 www.connectjournals.com/ijass DocID: https://connectjournals.com/03899.2020.16.1811 ISSN : 0973-1903, e-ISSN : 0976-3392	STUDY EVALUATION AND ANALYSIS OF THE PROPERTIES OF SOME PERFORMANCE STANDARDS FOR AGRICULTURAL TRACTOR AND SORGHUM BICOLOR (L.) MOENCH YIELD		Swain, K.H.	خالد حتوم صوين	5

## الخطة البحثية لقسم التقنيات الكهربائية للعام الدراسي 2019-2020

<a href="https://solidstatetechnology.us/index.php/JSS/article/view/562">https://solidstatetechnology.us/index.php/JSS/article/view/562</a>			✓	2020	solid state technology vol. 63 No. 1 (2020)	Performance Analysis of IoT based Health Monitoring System using Latte panda Single Board Computer		Hussain Salah Hassan	حسين صلاح حسن	6
<a href="https://iopscience.iop.org/article/10.1088/1757-899X/745/1/012047">https://iopscience.iop.org/article/10.1088/1757-899X/745/1/012047</a>			✓	2020	The Fourth Postgraduate Engineering Conference	An improved Performance of Segmentation Evaluation Based on Feature Extraction using Kinect Sensors		Mahmood H. Enad	محمود حاكم عناد	7
<a href="https://iopscience.iop.org/article/10.1088/1757-899X/745/1/012098">https://iopscience.iop.org/article/10.1088/1757-899X/745/1/012098</a>			✓	2020	IOP Conference Series: Materials Science and Engineering, Volume 745, The Fourth Scientific Conference for Engineering and Postgraduate Research 16-17 December 2019, Baghdad, Iraq	A review ABCDE Evaluated the Model for Decision by Dermatologists for Skin Lesions using Bee Colony		Mahmood H. Enad	محمود حاكم عناد	8
<a href="http://ijeecs.iaescore.com/index.php/IJEECS/article/view/18428">http://ijeecs.iaescore.com/index.php/IJEECS/article/view/18428</a>			✓	2020	Indonesian Journal of Electrical Engineering and Computer Science, Vol. 17, No. 3, pp. 1383-1389	Study of impact of art performance level of blue laser technology applications and its control		Mahmood H. Enad	محمود حاكم عناد	9
<a href="https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/20850">https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/20850</a>			✓	2020	International Journal of Power Electronics and Drive System (IJPEDS), Vol 11, No 4, pp 1693-1700	Experimental_installation_of_wireless_power_transfer_system_based		Adnan Hasan Tawafan Fatima Kadhem Abd3	عدنان طوفان حسن فاطمة كاظم عبد	10



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	تطبيقي	محلي	WOS	Scopus							
<a href="https://sciresol.s3.us-east-2.amazonaws.com/IJST/Articles/2018/Issue-24/Article1.pdf">https://sciresol.s3.us-east-2.amazonaws.com/IJST/Articles/2018/Issue-24/Article1.pdf</a>	✓			✓	2018 - 2019	Indian Journal of Science and Technology, Vol 11(24), DOI: 10.17485/ijst/2018/v11i24/126940, June 2018	Estimation of Energy Spectrum and Energy Deposition of Photons Emitted from Brachytherapy		Hayder Fadhl Abed	حيدر فضل عبد	1
<a href="https://ieeexplore.ieee.org/abstract/document/8439581">https://ieeexplore.ieee.org/abstract/document/8439581</a>	✓			✓	2018 - 2019	IEEE MTT International Microwave Symposium (IMS)	Automating the Accurate Extraction and Verification of the Cardiff Model via the Direct Measurement of Load-Pull Power Contours	Johannes Benedikt	Thoalfukar Hussein	ذو الفقار حميد عبد الرضا	2
<a href="https://ieeexplore.ieee.org/abstract/document/8423832/">https://ieeexplore.ieee.org/abstract/document/8423832/</a>	✓			✓	2018 - 2019	Microwave Measurement Conference (ARFTG)	On the Effective Modeling of the Test-Set Nonlinearity	James Bell	Thoalfukar Hussein	ذو الفقار حميد عبد الرضا	3
	✓			✓	2018 - 2019	Journal of Engineering and Applied Sciences 13 (8): 2130-2136, 2018	Performance Evaluation of OFDM Systems under PLC Fading Channel over Iraqi Grid for Variable PSK Modulation Index		A. A. Salman	عبد الكاظم عزيز سلمان	4
<a href="https://www.researchgate.net/profile/Abdulkadhim-Salman/publication/344259997_Analysis_and_Theoretical_Evaluation_of_Iraqi_High_Voltage_Power_Transmission_Line/links/5f6e09cfa6fdcc00863ac7a2/Analysis-and-">https://www.researchgate.net/profile/Abdulkadhim-Salman/publication/344259997_Analysis_and_Theoretical_Evaluation_of_Iraqi_High_Voltage_Power_Transmission_Line/links/5f6e09cfa6fdcc00863ac7a2/Analysis-and-</a>	✓			✓	2018 - 2019	Iraqi Journal of Computers, Communications, Control & Systems Engineering (IJCCCE), Vol. 18, No. 2, September 2018	Analysis and Theoretical Evaluation of Iraqi High Voltage Power Transmission Line		A. A. Salman	عبد الكاظم عزيز سلمان	5



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Theoretical-Evaluation-of-Iraqi-High-Voltage-Power-Transmission-Line.pdf										
<a href="https://medwelljournals.com/abstract/?doi=jeasci.2019.10058.10066">https://medwelljournals.com/abstract/?doi=jeasci.2019.10058.10066</a>			✓	2018 - 2019	Journal of Engineering and Applied Sciences 14(7):10058-10066	Methods in Single Phase to Ground Faults on Power Distribution Systems	Dur Muhamm ad Soomro	Adnan Tawafan	عدنان طوفان حسن	6