

NO.	Researcher Name	Research Name	Journal name conference/	Scopus	Web of Science	local Journal	Research Link
1	Ahmad Wadollah Al-Sabawi .S	CCD Mechanical enhancement of imaging speed for commercial camera	Al-Rafidain Engineering Journal			√	Iraqi Academic Scientific Journals - IASJ
2	Loay Aldabbagh	Investigation of single and double pass solar air heater with transverse fins and a package wire mesh layer	Energy Conversion and Management	√			http://dx.doi.org/10.1016/j.enconman.2014.10.028
3	Loay Aldabbagh	Finding the best configuration for a solar air heater by design and analysis of experiment	Energy Conversion and Management	√			journal homepage: www.elsevier.com/locate/enconman
4	Saad Zaghlul Saeed Muhamad Azhar Abdilatif Zead Mohammed Yosif	Visual Tracking Enhancement of Object on Circular Path based on Tuned Kalman Particle Filter by Swarm Optimization	International Journal of Computer Applications			√	http://www.ijcaonline.org/archives/volume146/number4/saeed-2016-ijca-910685.pdf

5	Saad A. Al-Kazzaz	Online Tuning of PID Parameters using Fuzzy Logic for DC Motor Speed Control	International Journal of & Scientific Engineering ,Research			√	https://www.researchgate.net/publication/337337979_On-Line-Tuning-of-PID-Parameters-using-Fuzzy-Logic-for-DC-Motor-Speed-Control
6	Saad A. Al-Kazzaz	Mimicry Control of the Human Arm to Robot Arm	American Scientific Research Journal for Engineering, Technology, and Sciences			√	https://api.semanticscholar.org/CorpusID:114828668
7	Saad A. Al-Kazzaz	Design and Implementation of a service mobile robot for cleaning the curbstones autonomously	Australian Journal of basic and applied sciences	√			http://www.aibasweb.com/old/aibas/2016/December/201-206.pdf
8	Dr. Firas Ahmed AlDurze Majeed	Cuk Convertor Circuit Controller Design Using Artificial Intelligent Techniques	ZANCO Journal of Pure and Applied Sciences			√	https://zancojournals.su.edu.krd › JPAS
9	Ali A. Abdulla	An automated elevator management and multi-floor estimation for indoor mobile robot based on transportation a pressure sensor	Proceedings of the 2016 17th International Conference on Mechatronics - ,Mechatronika	√			https://ieeexplore.ieee.org/document/7827787

10	Ali A. Abdulla	A robust method for elevator operation in semi-outdoor environment for mobile transportation robot system in life science laboratories	INES 2016 - 20th Jubilee IEEE International Conference on Intelligent Engineering Systems, Proceedings	√			https://ieeexplore.ieee.org/document/7555147
11	Ali A. Abdulla	A backbone-floyd path planning hybrid method for mobile robot transportation in science multi-floor life laboratories	IEEE International Conference on Multisensor Fusion and Integration for Intelligent Systems	√			https://ieeexplore.ieee.org/document/7849522
12	Ali A. Abdulla	A New Robust Method Mobile Robot for Multifloor Navigation in Distributed Life Science Laboratories	Journal of Control Science and Engineering	√			https://www.hindawi.com/journals/jcse/2016/3589395
13	Muhamad Azhar Abdilate	A Comparison between Moving Object Detection Methods Including a Novel Algorithm Used for Industrial Line Application	International Journal of computer applications				https://www.ijcaonline.org/archives/volume152/number1/abdilatef-2016-ijca-911753.pdf

14	Muhamad Azhar Abdilatef	Visual Tracking Enhancement of Object on Circular Path based on Tuned Kalman Particle Filter by Swarm Optimization	International Journal of computer applications				https://www.ijcaonline.org/archives/volume146/number4/saeed-2016-ijca-910685.pdf
15	Saad A. Al-Kazzaz	Comparative study for maximum power point tracking algorithms in photovoltaic systems	Australian Journal of basic and applied sciences	√			http://www.ajbasweb.com/old/ajbas/2017/November/49-63(6).pdf
16	Loay B. Younis Aldabbagh	Performance evaluation of a modified PV/T solar collector: A case study in design and analysis of experiment	Solar Energy	√			https://www.sciencedirect.com/science/article/abs/pii/S0038092X16305886
17	Loay B. Younis Aldabbagh	Experimental study on solar air heater with a various perforated covers	Indian Academy of Sciences		√		https://link.springer.com/article/10.1007/s12046-017-0711-z
18	Ali A. Abdulla	Integration of navigation, vision, and arm manipulation towards elevator operation for laboratory transportation system using mobile robots	journal of Automation, Mobile Robotics and Intelligent Systems	√			https://www.jamris.org/index.php/JAMRIS/article/view/447

19	Ali A. Abdulla	Mobile robot transportation for multiple labware with hybrid pose correction science in life laboratories	Journal of ,Automation Mobile Robotics and Intelligent Systems	√			https://www.jamris.org/index.php/JAMRIS/article/view/448
20	Ali A. Abdulla	A secure automated elevator management system and pressure sensor based floor indoor estimation for mobile robot transportation	Advances in Science, Technology and Engineering Systems	√			/https://astesi.com/v02/i03/p199
21	Muhamad Azhar Abdilatef	Orientation Effectiveness in the Objects Detected Areas Using Different Types of Edges Detection Techniques	International Journal of Computer & Science Engineering Survey			√	https://www.researchgate.net/publication/316840755_Orientation_Effectiveness_in_the_Objects_Detected_Areas_Using_Different_Types_of_Edges_Detection_Techniques
22	Zahraa Tarik Ali Mohammad Al	A Hybrid Spiral Project Based Learning Model for Microprocessor Course Teaching	Kurdistan Journal of Applied Research - KJAR			√	http://kjar.spu.edu.iq/index.php/kjar/article/view/105
23	Saad Zaghlul Saeed	Creating Through in Linear Points Function with Parabolic Blends Path by Optimization (Zaghlul Method) Saad Saeed Al-khayyt	Al-Khwarizmi Engineering Journal			√	https://pdfs.semanticscholar.org/b5c5/b7d5d3b8ddda77b141eb141bf5c5b4258e46.pdf

24	Laith M. Jasim	Effect of porous sleeve position on natural convection in a concentric annulus	rd 3 international & energy engineering congress proceedings book, Gaziantep university, Turkey			√	https://www.scribd.com/document/503203479/UEMK2018-25-15-20-c
25	..Anaz, A	Classification of Therapeutic Hand Poses Using Convolutional Neural Networks	Proceedings of Annual the International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS 2018-July ,pp.3874			√	https://ieeexplore.ieee.org/abstract/document/8513260
26	Muhamad Azhar Abdilate	Wearable Circuit in Plastic (CiP) Optical Transmitter for Health and Sport Applications	International Journal of Engineering and Innovative Technology (IJEIT)			√	https://www.ijeit.com/Vol%207/Issue%2010/IJEIT1412201804_10.pdf
27	Sa'ad Ahmed S. Al Kazzaz	Fault detection and location of power transmission lines using intelligent distance relay	International Journal of power electronics and drive system (IJPEDS)			√	https://www.researchgate.net/publication/340681351_Fault_detection_and_location_of_power_transmission_lines_using_intelligent_distance_relay

28	Saad Zaghlul Saeed	/ Impedance Force Position Control for Planar 3 DOF Robot Manipulator by Fuzzy Neural Network Combination	Al-Rafidain Engineering Journal (AREJ)			√	Iraqi Academic Scientific Journals - IASJ
29	Dr. Faris Q. Yahya	Modal Analysis of Shaft in Turbo- Quill generator Unit Based on SolidWorks	Al-Rafidain Engineering Journal			√	Iraqi Academic Scientific Journals - IASJ
30	Ali A. Abdulla	Multiple mobile robot management system for transportation tasks in automated laboratories environment	Advances in Intelligent Systems and Computing	√			https://link.springer.com/chapter/10.1007/978-3-030-01370-7_20
31	.Anaz, A	Real-time of the determination cardiovascular mechanical determinants using the intra-aortic balloon pump mechanism	ASME 2019 Dynamic Systems and Control Conference, DSCC 2019 1	√			https://asmedigitalcollection.asme.org/DSCC/proceedings-abstract/DSCC2019/V001T09A006/1070463
32	Saad Zaghlul Saeed	Faults Diagnosis in Robot Systems: A Review	Al-Rafidain Engineering Journal (AREJ)			√	Iraqi Academic Scientific Journals - IASJ

33	Dr.Firas Ahmed AlDurze Majeed	Robust Power System Stabilizer Design Based on H_{∞}/μ	Al-Rafidain Engineering Journal (AREJ)			√	Iraqi Academic Scientific Journals - IASJ
34	Myasar Salim Alattar	A Survey Paper on Six Phase Induction Motor Drive	Al-Rafidain Engineering Journal			√	Iraqi Academic Scientific Journals - IASJ
35	Myasar Salim Alattar	Speed Control of Asymmetrical Six Phase Induction Motor based Fuzzy Logic Controller	International Research Journal of Engineering and Technology (IRJET)		√		https://www.irjet.net/volume7-issue10
36	Muhamad Azhar Abdilate	Faults Diagnosis in Robot Systems: A Review	Al-Rafidain Engineering Journal			√	Iraqi Academic Scientific Journals - IASJ
37	Zahraa Tarik Al Ali	Transcript Validation system using biometric characteristics	IEEE xplore			√	https://ieeexplore.ieee.org/document/9436576

38	Saad Zaghlul Saeed	Assessment and the Review of Reactive Mobile Robot Navigation	Al-Rafidain Engineering Journal (AREJ)			√	Iraqi Academic Scientific Journals - IASJ
39	Saad Zaghlul Saeed	Partial gravity compensation of a surgical robot	International Journal of Advanced Robotic Systems	√			https://journals.sagepub.com/doi/10.1177/17298814211015481
40	Loay B. Younis Aldabbagh	Evaluating the Performance of a Modified Solar Air Heater With Pierced Cover and Packed Layers Mesh	Journal of Solar Energy Engineering	√			https://journals.sagepub.com/doi/pdf/10.1177/17298814211015481
41	Laith M. Jasim	Role of Honeycomb in Improving Subsonic Wind Tunnel Flow Quality: Numerical Study Based on Orthogonal Grid	Journal of Mechanical Engineering Research and Developments			√	/https://imerd.net/07-2021-352-369
42	Laith M. Jasim	Hydrothermal index entropy generation and of a heated cylinder placed between two rotating oppositely cylinders in a vented cavity	International Journal of Mechanical Sciences	√			https://www.sciencedirect.com/science/article/abs/pii/S0020740321002009

43	Laith M. Jasim	Mixed convection flow hybrid nanofluid of through a vented enclosure with an inner rotating cylinder	International Communications in Heat and Mass Transfer	√			https://www.sciencedirect.com/science/article/abs/pii/S0735193320306138
44	Laith M. Jasim	NUMERICAL OF INVESTIGATION THE MAGNETIC FIELD EFFECTS ON NATURAL CONVECTION WITHIN A POROUS HORIZONTAL CYLINDRICAL ANNULUS	Journal of Porous Media	√			https://www.dl.begellhouse.com/journals/49dcde6d4c0809db,430392126fc4b67b,262693bf6796a6ea.html
45	Firas Ahmed Sura Amer	Simulation And of An Analysis Intelligent Power System Stabilizer Using Fuzzy Logic	Tikrit Journal Engineering of Sciences			√	http://www.tj-es.com
46	Omar W. Maarooif	A Robot Arm Design Optimization Method by Using a Kinematic Redundancy Resolution Technique	Robotics	√			https://www.mdpi.com/2218-6581/11/1/1
47	Omar W. Maarooif	Partial gravity compensation of a surgical robot	International Journal of Advanced Robotic Systems	√			http://dx.doi.org/10.1177/17298814211015481
48	Aws Anaz	A system for automated acquisition of digital	Hand Therapy	√			https://journals.sagepub.com/doi/abs/10.1177/17589983221110916

		flexion using a 3-D camera and custom gantry					
49	Muhamad Azhar Abdilatef	Slantlet transform used for faults diagnosis in robot arm	Indonesian Journal of Electrical Engineering and Computer Science	√			https://ijeecs.iaescore.com/index.php/IJECS/article/view/25984
50	Zead Mohammed and Yosif Saad Zaghlul Saeed	Artificial Techniques Based on Neural Network and Fuzzy Logic Combination Approach for Avoiding Dynamic Obstacles	Journal Européen des Systèmes Automatisés (JEAS)	√			https://iieta.org/journals/jesa/paper/10.18280/jesa.550306
51	Zahraa R.Mahmood	Utilizing Exhaust Thermal Energy Gases in an Absorption Refrigeration System	International Journal of Mechanical Engineering	√			https://kalaharijournals.com/ijme-vol7-issue-feb2022.php
52	Noor Mozahim Allawi	Using Deep Learning Detecting COVID- to 19 in X-ray images	Samarra Journal of Pure and Applied Science			√	-
53	Zahraa Tarik AlAli	A survey of disaster management and SAR operations using sensors and supporting techniques	International Journal of Disaster Risk Reduction (IJDRR)	√			A survey of disaster management and SAR using sensors and supporting operations techniques - ScienceDirect
54	Laith Jasim	Preferred location of the porous sleeve in a concentric annulus depending on the thermal insulation	journal of mechanical engineering science	√			https://www.researchgate.net/publication/365451792 Preferred location of the porous sleeve in a concentric annulus depending on the thermal insulation

55	Zahraa Tarik AlAli	UNMANNED AERIAL VEHICLE BENEFITS AND DRAWBACKS IN CRITICAL SITUATIONS	Quantum Journal of Engineering, Science and Technology (QJOEST)		√		https://qjoest.com/index.php/qjoest/article/view/72
56	Zahraa Tarik AlAli	the role of unmanned aerial vehicle and related technologies in disasters	Remote Sensing Applications: Society and Environment' (RSASE)is part of		√		https://doi.org/10.1016/j.rsase.2022.100873
57	Zahraa Tarik AlAli	Fire and blood system in detection disaster environment using UAV and FPGA	Multimedia Tools and Applications		√		https://doi.org/10.1007/s11042-023-15507-6
58	Aws H. Saber	Low-cost embedded intelligent system design for smart mobile robot controller	Przegląd Elektrotechniczny		√		chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/http://red.pe.org.pl/articles/2023/3/42.pdf
59	Rashad A. Alsaigh	Low-cost embedded intelligent system design for smart mobile robot controller	Przegląd Elektrotechniczny		√		chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/http://red.pe.org.pl/articles/2023/3/42.pdf
60	Islam Abdullah Aziz	Mechanical properties and strength development of polymer modified concrete: A contribution study	American Institute of Physics		√		-https://pubs.aip.org/aip/acp/article-abstract/2651/1/020025/2880306/Mechanical-properties-and-strength-development-of?redirectedFrom=fulltext

61	Islam Abdullah Aziz	Experimental of assessment mechanical and physical performance of latex modified concrete with fine recycled aggregate	The Institution Structural of .Engineers	√			https://doi.org/10.1016/j.istruc.2023.01.069
62	Muhamad Azhar Alobaidy Abdilatef	Age-Dependent Palm Recognition Print Using Convolutional Neural Network	Revue d'Intelligence Artificielle	√			https://iieta.org/journals/ria/paper/10.18280/ria.370328
63	Aws Hazim Saber Anaz	Sustainable Utilization of Machine-Vision-Technique-Based Algorithm in Objective Confocal Evaluation of Microscope Images	Sustainability	√			https://www.mdpi.com/2071-1050/15/4/3726
64	Aws Hazim Saber Anaz	Enhancing Path of Assistive Planning Robots in Complex Environments Using Geno-Fuzzy Algorithm	Journal Européen des Systèmes Automatisés	√			https://www.iieta.org/journals/jesa/paper/10.18280/jesa.560215
65	Aws Hazim Saber Anaz	fluid- Review on structure interaction problem modeling and recent developments	Global Journal Engineering of and Technology Advances				https://gjeta.com/content/review-fluid-structure-interaction-problem-modeling-and-recent-developments