



College of education for Pure Science - Department of Physics (DPH)

Published Researches in Scopus, International and Local Journals - 2025-2026

Authors Name	Title	Article Name	Type	Date of Publication	Journal Name
Yasir Hussein Mohammed, Hala Nazar Mohammed, Ali A. Mohammed	Assist.Prof. Lecturer -	Device behavior of Al/n-SnZnO/p-Si/Al heterojunction diode: effect of tin doping	Scopus and Clarivate	28/02/2026	Journal of Materials Science: Materials in Electronics
Yasir Hussein Mohammed, Hala Nazar Mohammed, Hisham Anwar Saleh	Assist.Prof. Lecturer Lecturer	Gold Catalyzed Growth of Zinc Oxide Nanowires: Effect of Catalyst Thickness	Scopus and Clarivate	16/09/2026	PHYSICS OF THE SOLID STATE
Mithaq Ali Salih, Yasir Hussein Mohammed	Assist.Prof.	Controlling ZnO Nanorods Morphology by Seeded Layer Assisted Chemical Vapor Deposition	Scopus	31/12/2025	Zanco Journal of Pure and Applied Sciences
Yasir Hussein Mohammed,	Assist.Prof.	Gold Catalyzed Growth of Zinc Oxide Nanowires: Effect of Catalyst Thickness	Scopus	16-Sep-2025	Physics of the Solid State
Ragheed M. Ibrahim Musab S. Mohammed Haneen M. Ali	Professor Assist.Prof.	Characterizing Laser Beam Intensity Profile Using Fiber Optics Technique	local	2-April-2026	IRAQI JOURNAL OF APPLIED PHYSICS
Mustafa, Mohammed I. M. Alkhayat, Rabee B. Ismael, Dilshad Salih	Assist.Prof. Assist.Prof. Assist.Prof.	Investigating potential anomalies, environmental implications, and a radiological risk assessment of	Scopus Journal (Q1)	25 April 2026	The European Physical Journal Plus



Ismael, Dldar Saleh Mustafa, Twana A.	Assist.Prof. Lecturer	natural radioactivity in soil from the Kurdistan Region of Iraq			
Alkhayat, Rabee B., Mustafa, Mohammed IbrahimM., Ismael, Dilshad Salih, Ismael, Dldar Saleh	Assist.Prof. Assist.Prof. Assist.Prof. Assist.Prof.	Granite rocks as a source of natural radioactivity: health risk implications	Scopus Journal (Q2)	25 November 2025	Environmental Monitoring and Assessment
Muhammad Omar Al-Barody Rabee Behnam Alkhayat	- Assist.Prof.	Implications and influences of laser polarization states on alpha particle lengths in CR-39 detector	Scopus Journal (Q1)	19 May 2026	Scientific Reports
Faiz Ahmad Mohammed Mushtaq Abed Al-Jubbori Khalaf Ajaj Radhwan M. Al-Ma'adheedy	Asiss. Prof. Professor Lecturer Asiss. Prof.	Optimizing electron beam deflection angle in scanning electron microscopy for enhanced material characterization in sustainable energy applications	Scopus	(2026) 132:33	Applied Physics A
Mushtaq Abed Al-Jubbori Mohammed S. Sinjar Hisham Anwer Salih Asmaa Zaki Khalil Faiz Ahmad Mohammed Abdelmoneim Saleh	Professor Lecturer Lecturer Lecturer Asiss. Prof. Asiss. Prof.	UVC-tuned cadmium oxide thin films via spray pyrolysis: structural evolution and photodetector efficiency	Scopus	(2026) 132:188	Applied Physics A
Moumen T. Al-Azow Mushtaq Abed Al-Jubbori Ivan B. Karomi	- Professor Asiss. Prof.	Improving the morphological and optical properties of silver nanostructures induced by pulsed	Scopus	(2026) 141:63	Eur. Phys. J. Plus



		laser ablation at different wavelengths			
Mushtaq A. Al-Jubbori1 Alyaa A. Abd-Aljbar Saher M. Mutsher Susan Shukur Noori Huda H. Kassim Asmaa A. Elbndag Saja A. Abdul sahib Fadhil I. Sharrad N. Aldahan Radhwan M. Al-Ma'adheedy	Professor Lecturer Lecturer Lecturer Lecturer Lecturer Lecturer Professor Professor Asiss. Prof.	PROPERTIES OF EVEN 220-230Ra ISOTOPES BY MEANS OF IBM-1, IBM-2, AND NE	Scopus	v. 30, No. 1 (2026) 1202(11 p.)	JOURNAL OF PHYSICAL STUDIES
Warkaa Omar Abed Al-Rashidy Khalaf Ajaj Mushtaq Abed Al-Jubbori	Lecturer Lecturer Professor	PREPARATION OF COBALT NANOSTRUCTURES USING PULSED Nd: YAG LASER	Scopus	No. 72, Ene-Jun 2026	momento
Mohsin Hasan Ali Mohamed Y. Hanfi Mushtaq Abed Al-Jubbori M.I. Sayyed Mutaz Salih Hasan Aljuboori Abdelmoneim Saleh	Professor Asiss. Prof. Professor Asiss. Prof. Asiss. Prof. Asiss. Prof.	A synergistic experimental–theoretical study of radiation attenuation in locally manufactured Iraqi glasses	Scopus	5 February 2026	Nuclear Engineering and Technology