

## Articles Publication in Local and Scopus Journals

Department of Physics 2021-2022



Authors Name	Title	Article Name	Journal Type	Date of Publication	Journal Name
<b>Tharaa Jirjees Polus</b>	Assist.Prof.	Effect of polarization on nonlinear optical properties of ZnO thin film	Local	2021	<i>Samarra Journal of Pure and Applied Science</i>
<b>Thoalfiqar Ali Zaker</b>	Assist.Prof				
<b>Ammar Tahssen Zakar</b>	Lecturer				
<b>Yasir Hussein Mohammed</b>	Assist.Prof.				
<b>Rabee B. Alkhayat</b>	Lecturer	The Impact of Laser on the Activation Energy and Sensitivity of CR-39 Detector	Scopus	2022	OA.mg journal
<b>Hala Nazar Mohammed</b>	Assist. Lecturer				
<b>Yasir Yahya Kassim</b>	Assist.Prof.				
<b>Hala Nazar Mohammed</b>	Assist. Lecturer	Performance Analysis of n-ZnO/p-Si Heterojunction Diode as Function of Zinc Oxide Thin Films Thickness	Local	2022	JOURNAL OF EDUCATION AND SCIENCE
<b>Abdulkahliq A. Sulaiman</b>	Assist.Prof.	Synthesis and Study of ZnO Thin Films Using CVD Technique For Waveguide Sensor Applications	Scopus	2022	Journal of Nanostructures
<b>Ghazwan Gh. Ali</b>	Assist.Prof.				
<b>Ghazwan Gh. Ali</b>	Assist.Prof.	Structural properties of AuNPs/PSi nanostructure	Scopus	2022	DIGEST JOURNAL OF NANOMATERIALS AND
<b>Abdulkahliq A.</b>	Assist.Prof.				

<b>Sulaiman</b>					<b>BIOSTRUCTURES</b>
<b>Ghazwan Gh. Ali</b>	Assist.Prof.	Effect of deposition time on optical properties of CuO thin film prepared by chemical bath deposition method	Scopus	2021	Digest Journal of Nanomaterials & Biostructures
<b>Mohammed Ibrahim Ismael</b>	Assist.Prof.	Characterization of Silver Nanoparticles on Porous silicon by Laser ablation in Liquid	Scopus	2021	IOP Conference Series: Materials Science and Engineering.
<b>Ghazwan Ghazi Ali</b>	Assist.Prof.				
<b>Mohammed Ibrahim Ismael</b>	Assist.Prof.	Study of Electrical Properties of Silver Nanoparticles deposited on Porous Silicon	Local	2021	JOURNAL OF EDUCATION AND SCIENCE
<b>Ghazwan Ghazi Ali</b>	Assist.Prof.				
<b>Musab Salh Mohammad</b>	Assist.Prof.	The Effects of Optical Power of Semiconductor Laser on the Characteristics of Si-diode in an Exposed Device	Scopus	2021	Iraqi Journal of Science
<b>Raad Ahmed Rasool</b>	Assist.Prof.				
<b>Fathi Mohammed Jassim</b>	Lecturer				
<b>Yasir Yahya Kasim</b>	Assist.Prof.	Irradiation Effects on The Sensitivity of ZnO Thin Films Synthesized on Glass Substrate by Sol-gel Method	Scopus	2021	Iraqi Journal of Science
<b>Ghazwan Ghazi. Ali</b>	Assist.Prof.				
<b>Marwan Hafeedh Younus</b>	Assist.Prof.				
<b>Muayad Abdullah Ahmed</b>	Lecturer	Modelling the Role of the Inner Electrode Radius on the Oxygen Negative Corona Discharge in Coaxial Electrode Geometry	Scopus	2021	Iraqi Journal of Science
<b>Marwan Hafeedh Younus</b>	Assist.Prof.	The Reinforced Optical Fiber Sensing with bilayer AuNPs/SiC for pressure measurement: Characterization and Optimization	Scopus	2021	Journal of Physics
<b>Ghazwan Ghazi. Ali</b>	Assist.Prof.				

<b>Hesham Anwar Salih</b>	Assist.Lecturer				
<b>Mushtaq Abed Dawood Al-Jubbori</b>	Prof.	Strong etching formulation (time and rate) for PADC with deep depth bulk etch rate study	Clarivate	2021	Nuclear Instruments and Methods in Physics Research Section A
<b>Mushtaq Abed Al-Jubbori</b>	Prof.	NUCLEAR STRUCTURE OF RARE-EARTH 172Er, 174Yb, 176Hf, 178W, 180Os NUCLEI	Scopus	2022	Ukrainian Journal of Physics
<b>Noor Atallah Al-Jubbori Mushtaq Abed Dawood Al-Jubbori</b>	Prof.	Preparation and study of some physical properties of silver nanoparticles by pulsed laser ablation in liquids technique	Local	2022	JOURNAL OF EDUCATION AND SCIENCE