

## Department of Physics Research Statistics for the Academic Year-2021- Scopus

No	Researcher's name	Journal type	Year of Publication	Journal name	Search title	Search link
1	Hamid Al-jumaili	Scopus	2021	Solid State Technology	Fabrication and Characterization of ZnO: AL/CuO Nanostructure Hetrojunction Deposited by Chemical Spray Pyrolysis Technique	<a href="http://www.solidstatetec hnology.us/index.php/JSST/article/view/9777">http://www.solidstatetec hnology.us/index.php/JSST/article/view/9777</a>
2	Hamid Al-jumaili	Scopus-Q4	2021	IOP Conference Series: Materials Science and Engineering	NO2 gas sensor properties of In2O3-CuO Nanocomposite thin films prepared by chemical spray pyrolysis	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/1095/1/012008">https://iopscience.iop.org/article/10.1088/1757-899X/1095/1/012008</a>
3	Saeed Naif Turki Al-Rashid	Scopus	2021	International Journal of Nanoscience	Synthesis, Structure and Optical Properties of NiTi Shape Memory Thin Films	<a href="https://www.worldscientific.com/doi/abs/10.1142/S0219581X21500150">https://www.worldscientific.com/doi/abs/10.1142/S0219581X21500150</a>
4	Bilal K. Al-Rawi	Scopus	2021	Materials Science Forum	Simulation of Electronic Structure and some Properties of CdTe Crystals Using DFT	<a href="https://www.scientific.net/MSF.1021.1">https://www.scientific.net/MSF.1021.1</a>
5	Bilal K. Al-Rawi	Scopus-Q4	2021	Solid State Technology	A Theoretical and Practical Study of Some Physical and Vibrational Properties of Gallium-Antimonide Nano Crystals	<a href="http://solidstatetechnology.us/index.php/JSST/article/view/9422">http://solidstatetechnology.us/index.php/JSST/article/view/9422</a>
6	Salam Mousa	Scopus	2021	Neuro Quantology	Chaos Modulation Using Synchronization in Quantum Dot Light Emitting Diode with Optoelectronic Feedback	<a href="https://www.researchgate.net/publication/349411433_Chaos_Modulation_Using_Synchronization_in_Quantum_Dot_Light_Emitting_Diode_with_Optoelectronic_Feedback">https://www.researchgate.net/publication/349411433_Chaos_Modulation_Using_Synchronization_in_Quantum_Dot_Light_Emitting_Diode_with_Optoelectronic_Feedback</a>
7	Ali kalaf Aobaid	Scopus-Q4	2021	2021 IOP Conference Series Materials Science and Engineering	Studying the Nuclear Structure of the ( 70172Yb102 ) Deformed Nucleus using (IBM-1) and (GVMI) Models	<a href="https://www.researchgate.net/publication/356715383_Studying_the_Nuclear_Structure_of_the_70172Yb102_Deformed_Nucleus_using_IBM-1_and_GVMI_Models">https://www.researchgate.net/publication/356715383_Studying_the_Nuclear_Structure_of_the_70172Yb102_Deformed_Nucleus_using_IBM-1_and_GVMI_Models</a>
8	Salam Mousa	Scopus	2021	Optical and Quantum Electronics	Realization of a novel chaotic system using coupling dual chaotic system	<a href="https://link.springer.com/article/10.1007/s11082-021-02831-0">https://link.springer.com/article/10.1007/s11082-021-02831-0</a>

9	Anmar. D. Kosj	Scopus	2021	Materials Science Forum	Estimation of Radionuclide Concentration in Medical Waste	<a href="https://www.scientific.net/MSF.1021.191">https://www.scientific.net/MSF.1021.191</a>
10	Bilal K. Al-Rawi	Scopus	2021	Materials Science Forum	Simulation of Electronic Structure and some Properties of CdTe Crystals Using DFT	<a href="https://www.scientific.net/MSF.1021.1">https://www.scientific.net/MSF.1021.1</a>
11	Bilal K. Al-Rawi	Scopus	2021	Solid State Technology	A Theoretical and Practical Study of Some Physical and Vibrational Properties of Gallium-Antimonide Nano Crystals	<a href="http://solidstatetechnology.us/index.php/JSST/article/view/9422">http://solidstatetechnology.us/index.php/JSST/article/view/9422</a>
12	Jamal F. Mohammad	Scopus	2021	Digest Journal of Nanomaterials and Biostructures	ELECTRICAL CHARACTERIZATION OF NANOCRYSTALLINE ZINC OXIDE/ POURS SILICON HETEROJUNCTION FOR SOLAR CELLS	<a href="https://chalcogen.ro/index.php/journals/digest-journal-of-nanomaterials-and-biostructures/8-djnb/532-volume-16-number-1-january-march-2021?showall=1">https://chalcogen.ro/index.php/journals/digest-journal-of-nanomaterials-and-biostructures/8-djnb/532-volume-16-number-1-january-march-2021?showall=1</a>
13	Saeed Naif Turki Al-Rashid	Scopus	2021	International Journal of Nanoscience	Synthesis, Structure and Optical Properties of NiTi Shape Memory Thin Films	<a href="https://www.worldscientific.com/doi/10.1142/S0219581X21500150">https://www.worldscientific.com/doi/10.1142/S0219581X21500150</a>
14	Salam Mousa	Scopus	2021	NeuroQuantology	Chaos Modulation Using Synchronization in Quantum Dot Light Emitting Diode with Optoelectronic Feedback	<a href="https://www.neuroquantology.com/article.php?id=2583">https://www.neuroquantology.com/article.php?id=2583</a>
15	Salam Mousa	Scopus	2021	Interciencia	Quantum-Dot Laser Behavior under External Optical Feedback	<a href="https://www.researchgate.net/publication/350236494_Quantum-Dot_Laser_Behavior_under_External_Optical_Feedback">https://www.researchgate.net/publication/350236494_Quantum-Dot_Laser_Behavior_under_External_Optical_Feedback</a>
16	Samira. A. Tharthar	Scopus	2021	Review of International Geographical Education Online	The Influence of using Anthony Model for Guided Reading on the Achievement of Physics and Convergent Thinking among Students of the College of Agriculture	<a href="https://rigeo.org/submit-a-manuscript/index.php/submit-a-manuscript/article/view/909">https://rigeo.org/submit-a-manuscript/index.php/submit-a-manuscript/article/view/909</a>
17	Mazen.H. Hassan	Scopus-Q4	2021	Journal of Physics: Conference Series	The Effect of Different Thickness on The Optical and Electrical Properties of TiO <sub>2</sub> Thin Films	<a href="https://iopscience.iop.org/article/10.1088/1742-6596/1999/1/012128">https://iopscience.iop.org/article/10.1088/1742-6596/1999/1/012128</a>
18	Waleed Bdaiwi	Scopus	2021	Design Engineering ((Toronto	Manufacture of wood processor from unsaturated polyester foam and walnut husk waste	<a href="http://www.thedesignengineering.com/index.php/DE/issue/view/29">http://www.thedesignengineering.com/index.php/DE/issue/view/29</a>