

Department of Physics Research Statistics for the Academic Year-2019

No	Researcher's name	Journal type	Year of Publication	Journal name	Search title	Search link
1	Hamid Al-jumaili	Local Journal	2019	Journal of university of Anbar for Pure science	Fabrication of Highly Sensitive NH ₃ Sensor Based on Mixed In ₂ O ₃ -AgxO Nanostructural Thin Films deposited on porous silicon	https://www.researchgate.net/profile/Hajar-H-Navel/publication/342813977_Fabrication_of_Highly_Sensitive_NH3_Sensor_Based_on_Mixed_In2O3-AgxO_Nanostructural_Thin_Films_deposited_on_porous_silicon/inks/5f071441299bf188160e75c7/Fabrication-of-Highly-Sensitive-NH3-Sensor-Based-on-Mixed-In2O3-AgxO-Nanostructural-Thin-Films-deposited-on-porous-silicon.pdf
2	Farid Musaab	Scopus Q4	2019	Iraqi Journal of Science	Calculation of the effects of the sun, moon and satellite position on the perturbation forces of the low retrograde orbits	https://www.iasj.net/iasj/download/e23540957c23b510
3	Hamid Al-jumaili	Scopus Q4	2019	Journal of Ovonic Research	Preparation And Characterization Of ZnO: SnO ₂ Nanocomposite Thin Films On Porous Silicon As H ₂ s Gas Sensor	https://www.uoanbar.edu.iq/BasicEducationCollege/catalog/1(2).pdf
4	Jamal F. Mohammad	Scopus Q4	2019	Journal of Ovonic Research	PREPARATION AND CHARACTERIZATION OF ALUMINUM DOPED NANOCRYSTALLINE ZINC OXIDE FOR SOLAR CELLS APPLICATIONS	https://scholar.google.com/scholar?q=PREPARATION+AND+CHARACTERIZATION+OF+ALUMINUM+DOPED+NANOCRYSTALLINE+ZINC+OXIDE+FOR+SOLAR+CELLS+APPLICATIONS
5	Omar M. Dawood	Scopus Q1	2019	Science and Technology of Advanced Materials	Dynamic modulation of the Fermi energy in suspended graphene backgated devices	https://www.tandfonline.com/doi/full/10.1080/14686996.2019.1612710
6	Saeed Naif Turki Al	Scopus Q1	2019	JOURNAL OF SOUTHWEST JIAOTONG UNIVERSIT	THE INFRARED OPTICAL PROPERTIES OF AL _{0.5} IN _{0.5} SB ALLOY WITH NANO COATINGS	http://www.jsju.org/index.php/journal/article/view/309
7	Saeed Naif Turki Al	Scopus	2019	REVISTA AUS	Study of effect the particle size on CdS optical properties as solar cell.	https://www.researchgate.net/publication/335753749_Study_of_effect_the_particle_size_on_CdS_optical_properties_as_solar_cell
8	Saeed Naif Turki Al	Scopus Q4	2019	International Journal of Nanoscience	Study of the variation of the optical properties of Nano GaAs coating with particle size	https://dx.doi.org/10.1142/S0219581X19500248
9	Waleed Bdaiwi	Scopus Q4	2019	Journal of Information Science and Engineering	Numerical and Experimental Studies on Thermal Properties of Miscible Polymer Blends	https://jise.iis.sinica.edu.tw/pages/papers/specialissue.html

10	Waleed Bdaiwi	Scopus Q4	2019	IOP	Estimating the Effect of Rotor Diameter on the Physical Properties of NACA0015 Airfoil-Based Vertical-Axis Wind Turbine	https://iopscience.iop.org/article/10.1088/1742-6596/1178/1/012003
11	Hamid Al-jumaili	Web of Science	2019	SN Applied Sciences	Characterization and NO ₂ gas sensing performance of CdO: In ₂ O ₃ polycrystalline thin films prepared by spray pyrolysis technique	https://link.springer.com/article/10.1007/s42452-018-0076-x
12	Bilal K. Al-Rawi	Web of Science	2019	Journal of Inorganic and Organometallic Polymers and Materials	Modeling the Vibrational Properties of InSb Diamondoids and Nanocrystals Using Density Functional Theory	https://link.springer.com/article/10.1007/s10904-018-1037-y
13	Salam Mousa	Web of Science	2019	Revista Aus	Semiconductor laser behavior under phase variation effect	file:///C:/Users/DELL/D/ownloads/semiconductor laser.pdf
14	Adeal Sobhe Matuk	Web of Science	2019	Journal of Engineering Education	Comparing Water Repelling Penetrants on Antique Masonry	https://www.semanticscholar.org/paper/Comparing-Water-Repelling-Penetrants-on-Antique-Caubaarreaux-Franklin/97eb3911e6d6d20e652f17ad99df8d508b8ee2e