



Physics Department research for the last five years

ت	عنوان البحث	اسماء الباحثين	سنة النشر	اسم المجلة
1.	Design and Implementation of one Axis Solar Tracking System	Ammar Yassen Burjes Yusra Malallah Abdulla	2019	المؤتمر العلمي الدولي الثالث تكامل العلوم نحو تحقيق (أهداف التعليم)
2.	The Effect of Cu Doping on the Physical and Structural Properties of CdSe Thin Films	Mohanad M. Alias	2019	Journal of Basic Education College,
3.	The Effect of Glass and Carbon Fibers and Powders Addition on the Sliding Wear Behavior of Unsaturated Polyester Resin	Yahya I. Abdul-Rahman Ismail K. Al-Dahmashy Edrees E. Ghadeer	2019	Raf. J. Sci.
4.	Dry Sliding Wear Behavior of Unsaturated Polyester Resin Reinforced with Nickel and Copper Wires and Powders	Dr. Edrees Edaan Ghadeer1, Dr. Yahya Abdul Kareem Salman1, L.A. Rehab Joko Hussin	2019	Transylvanian Review
5.	A New Method to Convert the DNA Sequence of Human to a QR Code	Sadoon Hussein Abdulla Zahraa Tariq Abdulhamid	2019	Raf. J. of Comp. & Math's. ,
6.	Electrical, Morphological, and Compositional Characterization of Screen-Printed Al Contacts Annealed in Horizontal and Vertical Configurations	SAMIR MAHMMOD AHMAD CHEOW SIU LEONG, RICHARD W. WINDER, K. SOPIAN, and SALEEM H. ZAIDI	2019	JOURNAL of ELECTRONIC MATERIALS
7.	Study of porous silicon behavior via neutron irradiation: Fabrication and characterization	Ghazwan Ghazi Ali, Abd UIKahliq AuobSulaiman, Marwan Hafeedh Younus Abidalkarem M.	2019	journal homepage



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JOURNAL OF NANO- AND ELECTRONIC PHYSICS	2019	A.A. Sulaiman1, A.A.K. Muhammed2, M.M. Ivashchenko3	Optical and Electrical Properties of <i>n</i> -type Porous Silicon Produced by Electrochemical Etching and Study the Influence of irradiation	.8
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Plant Archives	2019	Abdalsattar Kareem Hashim, Laith Ahmed Najam , Nabeel . Ashour and Elham Jasim Mohammed	URANIUM CONCENTRATION, EFFECTIVE RADIUM CONTENTAND RADON EXHALATION RATE ESTIMATION FOR DIFFERENT TEA BRAND SAMPLES IN IRAQI MARKET	.11
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INTERNATIONAL JOURNAL OF ADVANCED	2020	Edrees E. AlObeidi , Mohammed	LEVERAGE OF CIGARETTE ASH POWDER CONCENTRATIONS ON THE ALTERNATING	.22



RESEARCH(IJAR)		Mahmoud Uonis and Mohammed A. Al-Jubouri	BENDING FATIGUE OF UNSATURATED POLYESTER RESIN	
Journal of Ovonic Research	2020	M. S. AHMED, S. M. AHMAD*, M. SUBHYALJADE R	STUDY THE ROLE OF EFFECTIVE PARAMETERS IN ENHANCEMENT OF THE SILICON SOLAR CELL PERFORMANCE USING PC1D SIMULATION	.23
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Iranian Journal of Science and Technology, Transactions A:Science	2020	Aws Tariq Qasim & Firas Mohammed Ali Al-jomaily	Utilizing the Quark-Like Model (QLM) to Determine the Q_{β^-} - Value in the Range $2 \leq Z \leq 97$	.26
International Journal of Environmental Analytical Chemistry	2020	Firas Mohammed Ali Al-Aljomaily, Laith Ahmad Najam and Saad Nagi Abood	Estimation of radioactivity in plankton deposited on air conditioner filters in the old area of Mosul city, Iraq	.27
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Ukranian. Journal of Physics	2020	F.M.A. AL- JOMAILY, M.I. KHALIL	REVISITING TO THE GEIGER- NUTTAL RELATION TO BE EMPLOYED IN THE ESTIMATION OF THE HALF- LIVES OF SUPERHEAVY NUCLEI	.29



Eureka Physics and Engineering	2020	Malik H. Kheder Hanaa N. Azeez Firas M. Al-Jomaily	ALPHA EMITTERS RADIOACTIVITY CONCENTRATIONS IN SOME COSMETICS USED IN IRAQ USING LR-115 DETECTOR	.30
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Int. J. Nuclear Energy Science and Technology,	2020	Malik H. Kheder Laith A. Najam Rana H.Mahmood Fouad A. Majeed	Radioactivity concentrations in barley and wheat crops in Nineveh plain region in Iraq .39
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Taha Yaseen Wais
Howaida Mansour

river in Mosul City, Iraq

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