

ت	عنوان البحث	اسماء الباحثين المشاركين	عنوان المجلة	سنة النشر
1.	Fuel cells as a source of green energy	م.د.مناف صالح مجيد	Intech Open	8/1/2020
2.	Bit error rate evaluation in atmospheric blustery for slant path spread of super Lorentz gaussian beam.	د.حسين ذاري خميس	Journal of southwest	5/2/2020
3.	Derivation of a new multiscale model : I. Derivation of the model for the atomic , molecular and nano material scales.	د.سديم عباس فاضل م م.د.مناف صالح مجيد	Indian Journal of Physics	21\3\2020
4.	Frequency doubling by nonlinearity of TiO <sub>2</sub> nanomaterial .	م.د.مناف صالح مجيد	Heliyon	24/3/2020
5.	photoluminescence characterizations and nonlinear optical of PM -355 nuclear track detector film by alph - particles and laser irradiation .	م.د. رائد كاظم فاخر م.د.مناف صالح مجيد	Physica Scripta	27\5\2020
6.	A novel airlift photocatalytic fuel cell (APFC) with immobilized CdS coated zerovalent iron (Fe @ CdS ) and g - C <sub>3</sub> N <sub>4</sub> photocatalysts film as photoanode for power	م.م.علي دروش علي	Colloids and Surfaces A: Physicochemical and Engineering Aspects	13\6\2020

			generation and organics degradation .	
14\7\2020	Journal of Optical Communications	د.حسين ذاري خميس د.مناف صالح مجيد	A receiver intensity for super lorentz gaussian bean (SLG) propagation via the moderete turbulent atmosphere using a novelty mathematical model.	7.
1/11/2020	IOP Conference Series: Materials Science and Engineering	ا.د.كريم خلف محمد	Natural Radioactivity in Underground Waters In Tallafar Distract In Iraq	8.
1/9/2020	Journal of Radiation and Nuclear Applications An International Journal	ا.د.كريم خلف محمد	Dose Natural Radioactivity in Underground Waters in Tallafar Distract In Iraq	9.
30/9/2020	Al-Nahrain Journal of Science	ا.د.كريم خلف محمد	Measurement of natural radioactivity level in selected phosphate fertilizer samples collected from Iraqi Markets	10
1\2\2021	Baghdad Science Journal\ ضمن سكوباس	م.م. وجدان ثامر فزع	Concentrations and Radiation Hazard Indices of Naturally Radioactive Materials for Flour Samples in Baghdad Markets.	11

9\2\2021	Materials Science Forum	د.مناف صالح مجيد	Preparation of ZnO Nanoparticles by 1064\532nm Laser Ablation and Studying the Effect of the Ablation Wavelength .	12
1\6\2021	Telkomnika Telecommunicati on ,omputing , Electronics and Control. المجلة ضمن جامعة احمد دحلان (VAD)	د.مناف صالح مجيد	Identification the internal parameters for mono - crystalline solar module using Matlab - simulation and experimental ascertainment.	13
1/6/2023	Applied Radiation and Isotopes	م. د. راند كاظم فاخر أ. د. حسين علي البدران أ. د. كريم خلف محمد م. د. ضياء بدر العامري	Preparation and Characterization of Tin Chloride-Based Polymeric Composite Thin Films for Gamma Shielding Applications	14
20/5/2023	Baghdad Science Journal	أ.م.د مناف صالح مجيد م.م شيماء محمد علي م.م رغد مجيد رشيد	Synthesis AgO Nanoparticles by Nd:Yag Laser with Different Pulse Energies	15
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25/8/2023	Journal of Optics	م.م.وجدان ثامر فزع	Porous silicon modified as an ultrasensitive gas sensor via laser ablation	21
29/3/2023	AIP Conference Proceedings	م.م.وجدان ثامر فزع	Measurement radon concentrations in samples for drinking water	22
8/6/2023	Optical and Quantum Electronics	م.اسيل صبحي جاسم	Hydrothermally native defect induced transparent p-n TiO <sub>2</sub> homojunction diode	23
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17/7/2024	International journal of science and research Archive	م.د. مناف صالح مجيد م.د. بان فيصل رشيد م.م. زيد علي حسين	Influence of Fe2O3 nanoparticales synthesized by using Nd :Yag laser 1064 nm on the anaerobic digester performance	31
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