



Qassim Ahmed Mekheef Al-Jarwany

قاسم احمد مخيف الجراوني

PUBLICATIONS (17)

CONTACT

Email: mat.qassim.mekheef@uobabylon.edu.iq
mat.qassim.mekheef@uobabylon.edu.iq

RESEARCH METRICS

h-index (Scopus)	0
h-index (GS)	4
Citations (Scopus)	0
Citations (GS)	71
Documents (Scopus)	0
Documents (GS)	18



- Experimental and numerical investigation of LDPE/Cellulose composites towards use in food packaging**
AIP Conference Proceedings 3408 (1), 070022, 2026 | 2026
- Fabrication and fluorescence analysis of Rhodamine dyes in polycarbonate serpentine microfluidic system**
Journal of Fluorescence 35 (7), 5915-5930, 2025 | 2025 | Cited: 4
- Wettability measurements of agarose thin films patterned by 193 nm ArF excimer laser: QA Al-Jarwany et al.**
Indian Journal of Physics 99 (3), 1157-1163, 2025 | 2025 | Cited: 1
- Effects of UV Laser Radiation and Soft Lithographic Patterning on the Wettability of Silk Thin Films**
International Journal of Nanoelectronics and Materials (IJNeM) 18 (June ..., 2025 | 2025 | Cited: 1
- Correlations Between Crystallinity, Rheological Behavior, and Short-Term Biodegradation for LDPE/Cellulose Composites with Potential as Packaging Films**
Coatings 15 (4), 397, 2025 | 2025 | Cited: 3
- Investigation of Mechanical, Thermal, and Surface Properties of LDPE/TPS/Cellulose Additives Composites towards Using in Packaging Application.**
Annales de Chimie Science des Matériaux 49 (1), 2025 | 2025
- Does nano-drug delivery systems based on biopolymers offer to transform medication dosage form and enhance patient care**
Archives of Engineering Knowledge 10, 2024 | 2024 | Cited: 1
- Enhancing Energy Independence: Resizing of Standalone PV System Using Metaheuristic Algorithms**
2024 25th International Middle East Power System Conference (MEPCON), 1-8, 2024 | 2024
- System Design and Implementation for Machine Learning and Internet of Things Based Anomaly Detection in Patient Movement**
ournal of Electrical Systems (JES) 20 (5s), 2024 | 2024 | Cited: 4
- Speed Control of BLDC Motor: Design and Simulation Based on Neural Network**
2023 2nd International Engineering Conference on Electrical, Energy, and ..., 2023 | 2023 | Cited: 5
- Electronic, spectral and structural characteristics of carbon nanotubes: gallium nitride as an optoelectronic applications**
Eurasian J Phys Chem Math 5, 37-46, 2022 | 2022 | Cited: 1
- Raspberry Pi 4 and Python based on speed and direction of DC motor**
2022 4th Global Power, Energy and Communication Conference (GPECOM), 541-545, 2022 | 2022 | Cited: 9
- Design a New Smart Monitoring Micro-Grid Photovoltaic System Network Based on Mobile Technology**
2021 International Conference on Advance of Sustainable Engineering and its ..., 2021 | 2021 | Cited: 3
- Realisation of a sub-wavelength dimple using a 193 nm wavelength photonic nano jet**
Chemical Physics Letters 750, 137400, 2020 | 2020 | Cited: 8
- Focusing and Delivery of Laser Radiation for Nano-and Microfabrication**
University of Hull, 2020 | 2020
- Realisation of sub-wavelength a single dimple using 193 nm wavelength photonic nano jet**
2020
- Ablation threshold measurements and surface modifications of 193 nm laser irradiated 4H-SiC**
Chemical Physics Letters 713, 194-202, 2018 | 2018 | Cited: 31