



بيان بالأبحاث العلمية للباحثين من أعضاء هيئة التدريس ومن في حكمهم بوحدة الحفز الكيميائي للعام ٢٠٢٠

م	عنوان البحث	سنة النشر	اسم المجلة ومعامل تأثيرها	Q	DOI
Year 2019					
1	A facile synthetic approach and optical properties of AuNPs/CdSe tetrapod and AuNPs/CdSe@rGO nanocomposites	2019	Journal of Molecular Liquids IF=4.561	Q2	https://doi.org/10.1016/j.molliq.2019.111493 0167-7322/© 2019 Elsevier
2	Antimicrobial potentials and surface activities of novel di-Schiff base nonionic surfactants bearing unsaturated hydrophobic tails	2019	Journal of Molecular Liquids IF=4.561	Q2	https://doi.org/10.1016/j.molliq.2019.110986 0167-7322/© 2019 Elsevier
3	From adsorption of rare earth elements on TiO ₂ nanotubes to preconcentration column application	2019	Microchemical Journal IF=3.206	Q1	https://doi.org/10.1016/j.microc.2019.104021
4	Influence of Graphene and Copper on the Photocatalytic Response of TiO ₂ Nanotubes	2019	Materials Science in Semiconductor Processing IF=2.722	Q2	https://doi.org/10.1016/j.sssp.2019.104847
5	Ultrasound Synthesis of Benzimidazole-1,3,5-triazine Derivatives and their Anti-histamine	2019	Oriental Journal of Chemistry IF=0.37	Q4	http://dx.doi.org/10.13005/ojc/350417
Year 2020					
6	Nanoporous AlSBA-15 Catalysed Claisen-Schmidt condensation for the synthesis of novel and biologically active chalcones	2020	Journal of Porous Materials IF=1.84	Q2	https://doi.org/10.1007/s10934-019-00854-3
7	Investigation of physicochemical and electrical properties of TiO ₂ nanotubes/graphene oxide nanocomposite	2020	Bulletin of Materials Science IF=0.925	Q2	https://doi.org/10.1007/s12034-020-2072-1
8	Influence of graphene and copper on the photocatalytic response of TiO ₂ nanotubes	2020	Materials Science in Semiconductor Processing IF=2.722	Q2	https://doi.org/10.1016/j.sssp.2019.104847
9	Low temperature design of titanium dioxide anatase materials decorated with cyanuric acid for formic acid photodegradation	2020	Journal of Saudi Chemical Society IF=2.759	Q1	https://doi.org/10.1016/j.jscs.2020.01.009
10	Heterogeneous mesoporous AlSBA-15 Catalysed Claisen-Schmidt condensation reaction towards the synthesis of novel and biologically active chalcones	2020	J. Porous. Mater IF=1.947	Q2	https://doi.org/10.1007/s10934-019-00854-3
11	Olive leaf extract as a green corrosion inhibitor of reinforced concrete contaminated with seawater	2020	Arabian Journal of Chemistry IF=3.26	Q1	https://doi.org/10.1016/j.arabjc.2020.01.016
12	Synthesis of a new class of corrosion inhibitors derived from natural fatty acid: 13-Docosenoic acidamide derivatives for oil and gas industry	2020	Arabian Journal of Chemistry IF=3.26	Q1	https://doi.org/10.1016/j.arabjc.2020.03.015
13	300 keV cobalt ions irradiations effect on the structural, morphological, optical and photovoltaic properties of Zn doped TiO ₂ thin films based dye sensitized solar cells	2020	Ceramics International IF: 3.45	Q1	https://doi.org/10.1016/j.ceramint.2020.03.256