




الهيئة العامة للتعليم التطبيقي والتدريب
الموقع الإلكتروني لكلية التربية الأساسية

Faculty Resume		
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8	Research Interests (Concentration)	<ul style="list-style-type: none"> • Science of Catalysis • Science of Nanomaterials and Nanotechnology • Science of Surface Chemistry • Renewable Energy • Environmental Pollution Treatment • Corrosion of Metals • Capacitors and Electric Batteries • Chemical Analysis Tools
Publications		
<p>2021-Journal of Materials Research and Technology, 15, 3694-3707-Alumina lath-like structure-rGO–PVDF hybrid film formation with high-performance corrosion protection for 316L stainless-steel alloy</p> <p>2021- Catalysis Today, 379, 7-Solar active Cu²⁺-ZnS Photocatalyst for efficient photodegradation of 4-chlorophenol: effective cation doping effect.</p> <p>2020- Catalysts, 10(1), 105-Low-temperature catalytic CO oxidation over non-noble, efficient chromia in reduced graphene oxide and graphene oxide nanocomposites.</p>		



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2020- *Applied Surface Science*, 499, 143988-A novel natural sunlight active photocatalyst of CdS/SWCNT/CeO₂ heterostructure: In depth mechanistic insights for the catalyst reactivity and dye mineralization.

2018- *Arabian Journal of Chemistry*, 11(5), 692-699-Novel supercapacitor electrodes based semiconductor nanoheterostructure of CdS/rGO/CeO₂ as efficient candidates.