



Researches for the New & Renewable Energy Department for the academic year 2023

year	link of Search	Lecturer's Name	The name of research	ت
2023	https://www.tandfonline.com/doi/abs/10.1080/03067319.2022.2140414	Shahla A. Younis, Saad F. Mahmood, Shaimaa Y. Ibraheam & Abdelrahman B. Fadhil	Preparation, characterization, and desulfurization performance of the activated carbon prepared from mixed agro-wastes: an isothermal and kinetic study	1
2023	https://onlinelibrary.wiley.com/doi/abs/10.1002/cbdv.202300103	Ass. Lecturer Shaimaa Y. Ibrahim,[a] Saad F. Mahmood,[b] Ass. Lecturer Shahla A. Younis,[a] and Abdelrahman B. Fadhil*[a]	Pyrolysis of Mixed Date Stones and Pistachio Shells: Identification of Bio-Oil and Utilization of Bio-Char as Activated Carbon Precursor	2
2023	https://dergipark.org.tr/tr/download/article-file/2660146	duaa Rana H. Al-Hyali1 , Wael A. Alqazzaz1 , Duaa H. Altamer2,*	Adsorptive Elimination of Methyl Orange Dye over the Activated Carbon Derived from Bitter Almond Shells: An Isothermal, Thermodynamic, and Kinetic Study	3
2023	https://www.researchgate.net/publication/360533322_Evaluation_of_Natural_Radionuclides_in_Samples_of_Plant_Fertilizers_Used_in_Iraq_and_Radiation_Hazard_Indicators	Laith A. Najam1 • Rana Hesham Mahmmod2 • Osama Mohammed Juber Albanna3	Evaluation of Natural Radionuclides in Samples of Plant Fertilizers Used in Iraq and Radiation Hazard Indicators	4
2023	https://www.researchgate.net/publication/368586520_Improving_binary_crow_search_algorithm_for_feature_selection	Zakaria A. Hamed Alnaish and Zakariya Yahya Algamal*	Improving binary crow search algorithm for feature selection	5



University of Mosul

College of Science

Department of New & Renewable Energy



2023	doi : https://doi.org/10.32628/IJSRST2310148	Barzan Kh.Qassim1 , Mohammad M. Uonis2 , Erada A. Khaleel	The Optical and Structural Properties of CdS Nano particles Prepared By Spray Pyrolysis Technique	6
2023	https://doi.org/10.15251/DJNB.2023.181.235	M. A. Abeda , M. M. Uonisb* , G. G. Alic , I. B. Karomid	Deposition and characterization of carbon nanotubes on porous silicon by PECVD	7

