

Published Research articles of the Teaching Staff of the Department of Environmental Technologies

Link	Date of publication	Journal	Research title	Degree	Name
https://ejabf.journals.ekb.eg/article_355942.html	24/5/2024	Egyptian Journal of Aquatic Biology & Fisheries	The Evaluation of Biological Treatment of Wastewater in the Yarmouk Station and its Suitability for Aquaculture and Irrigation, in Mosul City, Iraq	PhD	Ayad Fadeel
	Jul-24	مجلة بيئة الرافدين	الاستدلال عن مؤشرات التلوث لبعض العناصر الثقيلة في محطة الخضراء لمعالجة المياه العادمة/مدينة الموصل	PhD	Ayad Fadeel
https://doi.org/10.12911/22998993/190106	1/8/2024	Journal of Ecological Engineering	Study the Effectiveness of Household Water Filtration Systems in Eliminating Plastic Particles in Mosul City, Iraq	PhD	Rasha Khalid
https://doi.org/10.12911/22998993/190288	1/9/2024	Journal of Ecological Engineering	An Investigation of Microplastic Occurrence and Heavy Metals Concentrations in Street Dust on the Left Side of Mosul City, Iraq	PhD	Rasha Khalid
https://ejabf.journals.ekb.eg/article_375186.html	21/8/2024	Egyptian Journal of Aquatic Biology & Fisheries	Fungal Biodegradation of Polyvinyl Chloride in Aqueous Environments	PhD	Rasha Khalid
https://sciendo.com/pl/article/10.2478/eces-2023-0040	Sep-23	Ecological Chemistry and Engineering S	SUSTAINABLE PRODUCTION OF AN	PhD	Rasha Khalid

			IRON-EGGSHELL NANOCOMPOSITE AND INVESTIGATING ITS CATALYTIC POTENTIAL FOR PHENOL REMOVAL		
https://link.springer.com/article/10.1007/s13762-023-05134-x	Jan-24	International Journal of Environmental Science and Technology	Photocatalytic removal of diazinon with Ag-coated SiO ₂ @TiO ₂ core-shell using the response surface methodology	PhD	Rasha Khalid
https://doi.org/10.33899/rengj.2023.140745.1257	Sep-23	AL-Rafidain Engineering Journal (AREJ)	Assessment of Microplastic Particles in Tap Water on The Right Side of Mosul City, Iraq	PhD	Rasha Khalid
https://doi.org/10.33899/berj.2023.181902	Decmber 2023	College of Basic Education Research Journal	Assessment of Indoor Air Pollution by Suspended Micro plastic in Selected Sites of Mosul city	PhD	Rasha Khalid
https://doi.org/10.1063/5.0186129	29/1/2024	AIP Conference Proceedings	Recycling of demolition waste of Al Hawija area located within Kirkuk governorate	MSc	Omar Khairaldin
https://link.springer.com/article/10.1007/s12517-023-11779-2	11/4/2023	Arabian Journal of Geosciences	Predicting rainfall in Nineveh Governorate in northern Iraq using machine learning time-series forecasting algorithm	MSc	Omar Abduljabb ar
https://link.springer.com/article/10.1007/s40808-024-02078-0	6/27/2024	Modeling Earth Systems and Environment	Spatiotemporal analysis of extreme climate indices in Nineveh Governorate, northern Iraq: four decades study from 1981 to 2022 using NASA-Power dataset	MSc	Omar Abduljabb ar
https://www.irte.org/2024/04/25/impacts-of-cement-production-on-the-environment-with-	4/10/2024	Journal Of Research Technology and Engineering	Impacts of Cement Production on the	MSc	Omar Abduljabb

practical-solutions-a-critical-review/			Environment with Practical Solutions: A critical review		ar
Wiley Online Library https://onlinelibrary.wiley.com doi Variation of Bulk Modulus, Its First Pressure Derivative, and Thermal ...	12/10/2023	Advances in Condensed Matter Physics	Variation of Bulk Modulus, Its First Pressure Derivative, and Thermal Expansion Coefficient with Applied High Hydrostatic Pressure	MSc	Hamsa Burhan
https://www.iasj.net/iasj/download/93e0b0885910872c	6/1/2024	Al-Kut University College Journal	A study to evaluate the relationship between methods of measuring uric acid levels electrochemically and the traditional method	PhD	Eman Al-Jawadi
https://ijias.eventsgate.org/ijias/article/view/73/20	7/15/2024	The Fourth International Scientific Conference on Scientific Research and its Role	Voltammetric Determination of Uric Acid In Kidney and Chronic Kidney Disease Urine Samples Relies on a Mercury Electrode	PhD	Eman Al-Jawadi
https://doi.org/10.1007/s12665-023-11359-3	1/4/2024	Environmental Earth Sciences	Impact of climatic changes on surface water in Middle East, Northern Iraq	PhD	Ali Zain Alabdeen
https://doi.org/10.29196/52zcvp74	12/31/2023	JOURNAL OF UNIVERSITY OF BABYLON For Pure and Applied Sciences	Determination of The Optimal Groundwater Recharge Regions in The Eastern Part of Nineveh	PhD	Ali Zain Alabdeen
https://doi.org/10.1063/5.0157747	9/13/2023	The National University of Science and Technology International Conference for Pure and Applied Sciences	Scaled multi-parameter (SMP) nonlinear QN-algorithms	PhD	Marwan Salih
https://www.mosuljournals.com/article_180673.html	9/25/2023	مجلة أبحاث كلية التربية الأساسية	تحليل انحدار خطي ضبابي لمعدل الإصابة بفيروس كورونا والفحوصات المختبرية بناءً على العلاقات الإحصائية	PhD	Marwan Salih
https://journal.arimsi.or.id/index.php/Bilangan/arti	6/26/2024	Bilangan : Jurnal Ilmiah	An Investigation Of A	PhD	Marwan

cle/view/136		Matematika, Kebumian dan Angkasa	New Hybrid Conjugates Gradient Approach For Unconstrained Optimization Problems		Salih
https://ejabf.journals.ekb.eg/article_352775.html	4/30/2024	Egyptian Journal of Aquatic Biology & Fisheries	Study of the Physicochemical Characteristics of some Valleys and Estuaries in the City of Mosul/Iraq	BSc	Ramadan Ahmed
http://jjoas.asu.edu.eg/index.php/jjoas-n/issue/view/79/508	8/27/2024	Jordan Journal of Applied Science Natural Science Series	Molecular diagnosis using metagenomic technology of wastewater from the Danville Valley in the city of Mosul/Iraq	BSc	Ramadan Ahmed