

## البحوث المنشورة لتدريسي قسم تقانات البيئة

| اسم التدريسي    | الشهادة | البحث                                                                                                                                               | المجلة                                          | تاريخ النشر | الرابط الالكتروني للبحث المنشور                                                                                           |
|-----------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------|
| ايداد فضيل قاسم | دكتوراه | The Evaluation of Biological Treatment of Wastewater in the Yarmouk Station and its Suitability for Aquaculture and Irrigation, in Mosul City, Iraq | Egyptian Journal of Aquatic Biology & Fisheries | 24/5/2024   | <a href="https://ejabf.journals.ekb.eg/article_355942.html">https://ejabf.journals.ekb.eg/article_355942.html</a>         |
| ايداد فضيل قاسم | دكتوراه | الاستدلال عن مؤشرات التلوث لبعض العناصر الثقيلة في محطة الخضراء لمعالجة المياه العادمة/مدينة الموصل                                                 | مجلة بيئة الرافدين                              | Jul-24      |                                                                                                                           |
| رشا خالد صبري   | دكتوراه | Study the Effectiveness of Household Water Filtration Systems in Eliminating Plastic Particles in Mosul City, Iraq                                  | Journal of Ecological Engineering               | 1/8/2024    | <a href="https://doi.org/10.12911/22998993/190106">https://doi.org/10.12911/22998993/190106</a>                           |
| رشا خالد صبري   | دكتوراه | An Investigation of Microplastic Occurrence and Heavy Metals Concentrations in Street Dust on the Left Side of Mosul City, Iraq                     | Journal of Ecological Engineering               | 1/9/2024    | <a href="https://doi.org/10.12911/22998993/190288">https://doi.org/10.12911/22998993/190288</a>                           |
| رشا خالد صبري   | دكتوراه | Fungal Biodegradation of Polyvinyl Chloride in Aqueous Environments                                                                                 | Egyptian Journal of Aquatic Biology & Fisheries | 21/8/2024   | <a href="https://ejabf.journals.ekb.eg/article_375186.html">https://ejabf.journals.ekb.eg/article_375186.html</a>         |
| رشا خالد صبري   | دكتوراه | SUSTAINABLE PRODUCTION OF AN IRON-EGGSHELL NANOCOMPOSITE AND                                                                                        | Ecological Chemistry and Engineering S          | Sep-23      | <a href="https://sciendo.com/pl/article/10.2478/eces-2023-0040">https://sciendo.com/pl/article/10.2478/eces-2023-0040</a> |

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|                                                                                                                                                                                                                                                                       |              |                                                               | INVESTIGATING ITS CATALYTIC POTENTIAL FOR PHENOL REMOVAL                                                                                                |         |                         |
| <a href="https://link.springer.com/article/10.1007/s13762-023-05134-x">https://link.springer.com/article/10.1007/s13762-023-05134-x</a>                                                                                                                               | Jan-24       | International Journal of Environmental Science and Technology | Photocatalytic removal of diazinon with Ag-coated SiO <sub>2</sub> @TiO <sub>2</sub> core-shell using the response surface methodology                  | دكتوراه | رشا خالد صبري           |
| <a href="https://doi.org/10.33899/rengj.2023.140745.1257">https://doi.org/10.33899/rengj.2023.140745.1257</a>                                                                                                                                                         | Sep-23       | AL-Rafidain Engineering Journal (AREJ)                        | Assessment of Microplastic Particles in Tap Water on The Right Side of Mosul City, Iraq                                                                 | دكتوراه | رشا خالد صبري           |
| <a href="https://doi.org/10.33899/berj.2023.181902">https://doi.org/10.33899/berj.2023.181902</a>                                                                                                                                                                     | Decmber 2023 | College of Basic Education Research Journal                   | Assessment of Indoor Air Pollution by Suspended Micro plastic in Selected Sites of Mosul city                                                           | دكتوراه | رشا خالد صبري           |
| <a href="https://doi.org/10.1063/5.0186129">https://doi.org/10.1063/5.0186129</a>                                                                                                                                                                                     | 29/1/2024    | AIP Conference Proceedings                                    | Recycling of demolition waste of Al Hawija area located within Kirkuk governorate                                                                       | ماجستير | عمر خير الدين محي الدين |
| <a href="https://link.springer.com/article/10.1007/s12517-023-11779-2">https://link.springer.com/article/10.1007/s12517-023-11779-2</a>                                                                                                                               | 11/4/2023    | Arabian Journal of Geosciences                                | Predicting rainfall in Nineveh Governorate in northern Iraq using machine learning time-series forecasting algorithm                                    | ماجستير | عمر عبد الجبار عبدالله  |
| <a href="https://link.springer.com/article/10.1007/s40808-024-02078-0">https://link.springer.com/article/10.1007/s40808-024-02078-0</a>                                                                                                                               | 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 | ماجستير | عمر عبد الجبار عبدالله  |
| <a href="https://www.irte.org/2024/04/25/impacts-of-cement-production-on-the-environment-with-practical-solutions-a-critical-review/">https://www.irte.org/2024/04/25/impacts-of-cement-production-on-the-environment-with-practical-solutions-a-critical-review/</a> | 4/10/2024    | Journal Of Research Technology and Engineering                | Impacts of Cement Production on the Environment with Practical Solutions: A                                                                             | ماجستير | عمر عبد الجبار عبدالله  |

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|                                                                                                                                                                                       |            |                                                                                                          | critical review                                                                                                                    |         |                            |
| Wiley Online Library <a href="https://onlinelibrary.wiley.com">https://onlinelibrary.wiley.com</a><br>› 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 | ماجستير | همسة برهان محمد            |
| <a href="https://www.iasj.net/iasj/download/93e0b0885910872c">https://www.iasj.net/iasj/download/93e0b0885910872c</a>                                                                 | 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    | دكتوراه | ايمان عبدالمنعم الجوادي    |
| <a href="https://ijias.eventsgate.org/ijias/article/view/73/20">https://ijias.eventsgate.org/ijias/article/view/73/20</a>                                                             | 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           | دكتوراه | ايمان عبدالمنعم الجوادي    |
| <a href="https://doi.org/10.1007/s12665-023-11359-3">https://doi.org/10.1007/s12665-023-11359-3</a>                                                                                   | 1/4/2024   | Environmental Earth Sciences                                                                             | Impact of climatic changes on surface water in Middle East, Northern Iraq                                                          | دكتوراه | علي زين العابدين حيدر حمزة |
| <a href="https://doi.org/10.29196/52zcvp74">https://doi.org/10.29196/52zcvp74</a>                                                                                                     | 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                                           | دكتوراه | علي زين العابدين حيدر      |
| <a href="https://doi.org/10.1063/5.0157747">https://doi.org/10.1063/5.0157747</a>                                                                                                     | 9/13/2023  | The National University of Science and Technology International Conference for Pure and Applied Sciences | Scaled multi-parameter (SMP) nonlinear QN-algorithms                                                                               | دكتوراه | مروان صالح جميل            |
| <a href="https://www.mosuljournals.com/article_180673.html">https://www.mosuljournals.com/article_180673.html</a>                                                                     | 9/25/2023  | مجلة أبحاث كلية التربية الأساسية                                                                         | تحليل انحدار خطي ضبابي لمعدل الإصابة بفيروس كورونا والفحوصات المختبرية بناءً على العلاقات الإحصائية                                | دكتوراه | مروان صالح جميل            |
| <a href="https://journal.arimsi.or.id/index.php/Bilangan/artic/view/136">https://journal.arimsi.or.id/index.php/Bilangan/artic/view/136</a>                                           | 6/26/2024  | Bilangan : Jurnal Ilmiah Matematika, Kebumihan dan Angkasa                                               | An Investigation Of A New Hybrid Conjugates Gradient Approach For                                                                  | دكتوراه | مروان صالح جميل            |

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|                                                                                                                                       |           |                                                          | Unconstrained Optimization Problems                                                                               |           |                 |
| <a href="https://ejabf.journals.ekb.eg/article_352775.html">https://ejabf.journals.ekb.eg/article_352775.html</a>                     | 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              | بكالوريوس | رمضان احمد محمد |
| <a href="http://jjoas.asu.edu.jo/index.php/jjoas-n/issue/view/79/508">http://jjoas.asu.edu.jo/index.php/jjoas-n/issue/view/79/508</a> | 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 | بكالوريوس | رمضان احمد محمد |