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| ▼ الاسم المستخدم في نشر البحوث حسب الكوكل سكولر Shahlaa E. Ebrahim |

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| ▼ الاتجاهات البحثية هندسة بيئية |

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| ▼ الدرجة العلمية أستاذ دكتور |

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| ▼ الأبحاث المنشورة  |  |  |  |  | | --- | --- | --- | --- | | **ت** | **أسم البحث** | **محل النشر** | **السنة** | | **1** | **Ebrahim Shahlaa E., (1996) – “Leachate Composition from Solidified Industrial Hazardous Wastes”. MSc Thesis, Baghdad University, Baghdad, Iraq.** | **MSc Thesis, Baghdad University, Baghdad, Iraq.** | 1996 | | **2** | **Leachate Composition from Solidified Industrial Hazardous Waste** | العراق/ مجلة كلية الهندسة | 1997 | | **3** | **Evaluation of a Mixture Adsorbent and Glass Bed for the Removal of Phenol and Methylen Blue from Water** | **PhD Thesis, Baghdad University, Baghdad Iraq.** | 2008 | | **4** | **Increasing the adsorption Surface Area of Activated carbon**  **Surface Area of Activated carbon Surface Area of Activated carbon** | العراق/ مجلة كلية الهندسة | 2008 | | **5** | **Saving Amberlite XAD4 by using Inert Material in adsorption process.** | الولايات المتحدة | 2010 | | **6** | **Removal of lead, cadmium, and mercury ions using biosorption** | الولايات المتحدة | 2010 | | **7** | **Utilization of Thomas model to predict the breakthrough curves for adsorption and ion exchange** | العراق/مجلة الهندسة | 2011 | | **8** | **Modelling the Removal of Phenol by Natural Zeolite in Batch and Continuous System** | العراق/مجلة جامعة بابل | 2013 | | **9** | **Evaluation of Adsorbents for Removal of Phenol and Methylene Blue from Wastewater** | تركيا | 2011 | | **10** | **Saving Activated Carbon by Using Inert Material in Adsorption Process** | تركيا | 2012 | | **11** | **Optimum water allocation for Abu-Ziriq marsh ecological system** | العراق/ مجلة كلية الهندسة | 2012 | | **12** | **Competitive biosorption of Pb(II), Cr(II), and Cd(II) ions in single component system by live and dead anaerobic biomass, batch study** | العراق/ مجلة كلية الهندسة | 2013 | | **13** | **Equilibrium, kinetic, and thermodynamic biosorption of Pb(II), Cr(III), and Cd(II) ions by dead anaerobic biomass from synthetic wastewater** | دار سبرنكلر للنشر | 2012 | | **14** | **Removal of cadmium ions from simulated wastewater using rice husk biosorbent** | العراق/ مجلة كلية الهندسة | 2012 | | **15** | **Floatation and Sorptive-Floatation methods for removal of lead ions from wastewater using SDS as surfactants and barley husk as biosorbent** | مؤسسة هنداوي للنشر | 2013 | | **16** | **Competitive biosorption of Pb(II), Cr(II), Cd(II) from synthetic wastewater heterogeneous anaerobic biomass in single, binary, and ternary batch systems** | بريطانيا | 2013 | | **17** | |  | | --- | | **Performance of Biomass Adsorber Column for Competitive Removal Pb(II), Cr(III) and Cd(II) ions from Synthetic Wastewater** | |  | |  | | الهند | 2013 | | **18** | **Decolourization of Reactive Read Dye in Simulated Wastewater by Advanced Oxidation Process** | العراق/ مجلة اتحاد الجامعات العربية | 2014 | | **19** | **Use of Cork Stoppers to Remove Lead Ions from Wastewater Using Batch and Inverse Fluidized Bed"** | العراق/ مجلة اتحاد الجامعات العربية | 2015 | | **20** | **Competitive removal of Cu2+, Cd2+, Zn2+, and Ni2+ ions onto iron oxide nanoparticles from wastewater** | الولايات المتحدة | 2016 | | **21** | **Bisorption of Heavy Metals onto Two Types of Fungi Biomass in Batch Experiments** | العراق/ مجلة اتحاد الجامعات العربية | 2016 | | **22** | **Toxicity Leaching Characteristics of Cement Based Stabilized/ Solidified Sands Contaminated with Heavy Metals** | العراق/ مجلة اتحاد الجامعات العربية | 2016 | | **23** | **Removal of Acid Blue Dye from Industrial Wastewater by Using Reverse Osmosis Technology** | العراق/ مجلة اتحاد الجامعات العربية | 2016 | | **24** | **Using Green and Blue-green Algae in a Liquid Fluidized Bed Reactor** | العراق/ مجلة كلية الهندسة | 2016 | | **25** | **Noise Pollution Assessment and Control in Selected Schools in Baghdad City** | العراق/ مجلة اتحاد الجامعات العربية | 2017 | | **26** | **Competitive Removal of Cu2+, Zn2+and Ni2+by Iron Oxide** **(Fe3O4) Nanomaterial** | العراق/ مجلة اتحاد الجامعات العربية | 2018 | | **27** | **Biosorption of Cationic Dyes onto Cork Stopper Particles** | العراق/ مجلة اتحاد الجامعات العربية | 2018 | | **28** | **Removal of Pharmaceuticals from Synthetic Wastewater by Ozone** | العراق/ مجلة اتحاد الجامعات العربية | 2018 | | **29** | **Removal of Acid Blue Dye from Industrial Wastewater by using Reverse Osmosis Technology** | العراق/ مجلة اتحاد الجامعات العربية | 2018 | | **30** | **PREDICTION THE BREAKTHROUGH CURVES OF LEAD IONS BIOSORPTION IN FLUIDIZED**  **BED REACTORUSING ARTIFICIAL NEURAL NETWORK**  **YousifM. Yousif, Shahlaa E. Ebrahim, NadhemH. Hyder** | **THE JOURNAL OF**  **SOLID WASTE TECHNOLOGY**  **AND** **MANAGEMENT**/ **USA** | 2018 | | **31** | **Competitive Adsorption of Cd (II) and Zn (II) in Single and Binary systems from Aqueous Solutions onto Cork Stopper Particles** | العراق/ مجلة اتحاد الجامعات العربية | 2019 | | **32** | **Isolation and Identification of Ureolytic Bacteria Isolated from Livestock Soil to Improve the Strength of Cement Mortar” by: Hussein J. Khadim, Shahlaa E. Ebrahim and Saad H. Ammar** | العراق/ مجلة الجامعة التكنلوجية | 2019 | | **33** | **Biomineralization based remediation of cadmium and nickel contaminated wastewater by ureolytic bacteria isolated from barn horses soil**  **Hussein J. Khadim a, Saad H. Ammarb,∗, Shahlaa E. Ebrahim** | **Environmental Technology & Innovation/ USA** | 2019 | |

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| ▼ الكتب والمؤلفات  |  |  |  | | --- | --- | --- | | **ت** | **أسم الكتاب** | **سنة النشر** | | 1 | **Removal of Cadmium from Simulated Wastewater Using Biosorption, LAMBERT Academic Publishing**  **(تاليف)** | 2013 | |

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| ▼ رسائل الماجستير الذي اشرف عليها  |  |  |  |  | | --- | --- | --- | --- | | **ت** | **اسم الرسالة** | **القســـم** | **السنــة** | | **1** | **Optimum Water Allocation for Al-Nasyriah Marshes Ecological Restoration (MSc)Al-Nasyriah Marshes Ecological Restoration (MSc)** | **الهندسة البيئية)ماجستير)** | **2010** | | **2** | **Removal of heavy metals using fluidized bed by bio-adsorbents** | **الهندسة البيئية ( ماجستير)** | **2011** | | **3** | **Comparison between fixed and fluidized bed for the removal of heavy metals using biosorbents** | **الهندسة البيئية ( ماجستير)** | **2012** | | **4** | **Recycling natural insulators to remove heavy metals using inverse fluidized bed** | **الهندسة البيئية ( ماجستير)** | **2013** | | **5** | **Noise Pollution Assessment and Control in Selected Locations in Baghdad.** | **الهندسة البيئية (ماجستير)** | **2015** | | **6** | **Biosorption of Cadmium and Zinc Ions onto Cork Particles Using Inverse Fluidized Bed** | **الهندسة البيئية (ماجستير)** | **2018** | | **7** | **Dyes Removal by cork particles Using Inverse Fluidized Bed** | **الهندسة البيئية (ماجستير)** | **2018** | |

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| ▼ اطاريح الدكتوراه الذي اشرف عليها  |  |  |  |  | | --- | --- | --- | --- | | **ت** | **اسم الأطروحة أو الرسالة** | **القســـم** | **السنــة** | | **1** | **Competitive Biosorption of Heavy Metals Using Expanded Granular Sludge Bed Reactor (PhD).** | **الهندسة البيئية(دكتوراه)** | **2010** | | **2** | **Removal of Dyes Using Advanced Oxidation** | **الهندسة البيئية(دكتوراه)** | **2013** | | **3** | **Competitive Removal of Heavy Metals by Nanosorbent and Biomass** | **الهندسة البيئية(دكتوراه)** | **2013** | | **4** | **Competitive Removal of Heavy Metals by Tow Types of Fungi Biomass** | **الهندسة البيئية (دكتوراه)** | **2014** | | **5** | **Noise Pollution Assessment and Control in Selected Locations in Baghdad.** | **الهندسة البيئية (ماجستير)** | **2015** | | **6** | **Removal of Micro-pollutant from Industrial Wastewater Using Membrane Technology** | **الهندسة البيئية (دكتوراه)** | **2016** | | **7** | **Experimental and theoretical studies of heavy metals leachate from solidified cementouse materials (PhD)** | **الهندسة البيئية (دكتوراه)** | **2017** | | **8** | **Removal of Pharmaceutical Hazardous Waste by Advanced Oxidation Process** | **الهندسة البيئية (دكتوراه)** | **2018** | | **9** | **Evaluation the Microbial Induced Carbonate Precipitation (MICP) Using Biocementation Process** | **الهندسة البيئية (دكتوراه)** | **2019** | |