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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** | |