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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

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| **ت** | **أسم البحث** | **محل النشر** | **السنة** |
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| **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 |
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| **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 |
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|  **Performance of Biomass Adsorber Column for Competitive Removal Pb(II), Cr(III) and Cd(II) ions from Synthetic Wastewater**  |
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| **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 |
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| **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 |
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| ▼ الكتب والمؤلفات

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| ▼ رسائل الماجستير الذي اشرف عليها

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| **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

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| **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** |
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| **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** |

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