**السيرة الذاتية**

|  |
| --- |
| 1. **المعلومات الشخصية**
 |
| عماد القدع | **الاسم** |
| اردني | **الجنسية** |
| elqadae@mutah.edu.jo | **معلومات الاتصال** |

|  |
| --- |
| 1. **المؤهلات العلمية**
 |
| **التخصص**  | **الدولة**  | **السنة** |  **الجامعة** |  |
| هندسة كيميائية | الأردن | 1998 | جامعة مؤته | **البكالوريوس** |
| هندسة كيميائية | الأردن | 2001 | الجامعة الأردنية | **الماجستير** |
| هندسة كيميائية | بريطانيا | 2005 | جامعة الملكة -بلفاست | **الدكتوراه** |

|  |
| --- |
| 1. **الاهتمامات البحثية والتدريسية:**

الموضوع الرئيسي لاهتماماتي البحثية يكمن في المجال البيئي. تناولت أبحاثي المجالات التالي:• معالجة المياه والصرف الصحي.• إزالة الأصباغ من مياه الصرف الصحي باستخدام تقنية الترشيح الفائق.• إزالة الأصباغ من المياه العادمةالصناعية باستخدام تقنية الامتزاز.• إنتاج الكربون المنشط.• النمذجة الرياضية لعملية الامتزاز.• عملية التخثر / التلبد. |

|  |
| --- |
| 1. **المنشورات**
 |
| 1. **الكتب**
 |
|  |
| **ب .الأبحاث** |
| **الصفحات** | **المجلد والعدد**  | **تاريخ النشر** | **المجلة** | **العنوان**  |
| 6044-6049 | 45/17 | 2006 | Industrial and Engineering Chemistry Research | Adsorption of Basic Dyes onto Activated Carbon Using Microcolumn. |
| 103-110 | 124 | 2006 | Chemical Engineering Journal | Adsorption of Methylene Blue onto Activated Carbon Produced from Steam Activated Bituminous Coal: A Study of Equilibrium Adsorption Isotherm. |
| 4764-4771 | 46/14 | 2007 | Industrial and Engineering Chemistry Research | Kinetic Modelling of the Adsorption of Basic Dyes onto Steam Activated Bituminous Coal. |
| 174-184 | 135 | 2008 | Chemical Engineering Journal | Adsorption of Basic Dyes from Aqueous Solution onto Activated Carbons. |
| 1-13 | 142 | 2008 | Chemical Engineering Journal | Influence of Preparation Conditions on the Characteristics of Activated Carbons Produced from Bituminous Coal. |
| 75-86 | 1 | 2010 | Yanbu Journal of Engineering and Science | Influence of the Experimental Conditions on the Removal of Dyes from Aqueous Solutions Using Ultrafiltration |
| 111-1124 | 2/6 | 2011 | International Journal of Energy and Environment | Investigation of the Treatment of Colored Water Using Efficient Locally Available Adsorbent |
| 245-251 | 1 | 2011 | ACES | Pretreatment of Wastewater Streams from Petroleum/Petrochemical Industries Using Coagulation |
| 431–438 | 12/4 | 2013 | Water Science and Technology: Water Supply | Dispersed Air Floatation as a Pretreatment Process for Sea Water Desalination |
| 1-8 | 244 | 2013 | Powder Technology | Discharge Rates of Micron Size Fine Powders from a Semi-Batch Circulating Fluidized Bed of Binary Particles Under Different Humidification Conditions |
| 815-824 | 4/5 | 2014 | International Journal of Energy and Environment | Utilization of Activated Carbon for the Removal of Basic Dyes in Fixed-Bed MicroColumn |
| 1-15 | 8:26 | 2018 | Applied Water Science | Removal of Three Nitrophenols from Aqueous Solutions by Adsorption onto Char Ash: Equilibrium and Kinetic Modeling |
|  | In Press | 2019 | Jordanian Journal of Engineering and Chemical Industries | Adsorption of Malachite Green by Jordanian Diatomite Ores: Equilibrium Study |
|  | In Press | 2019 | Jordanian Journal of Engineering and Chemical Industries | Kinetic behavior of the Adsorption of Malachite Green using Jordanian Diatomite as adsorbent |

|  |
| --- |
| 1. **براءات الاختراع**
 |
|  |
|  |