**السيرة الذاتية**

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

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| 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** |

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| 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. |

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| 1. **المنشورات** | | | | |
| 1. **الكتب** | | | | |
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| **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 |

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| 1. **براءات الاختراع** |
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