**Curriculum Vitae**

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| **1.Personal Information** |
| Name | Emad El Qada |
| Nationality | Jordanian |
| Contact Information | elqadae@mutah.edu.jo |

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| **2.Academic Qualifications** |
|  | **University** | **Year** | **Country** | **Major** |
| **B. Sc.** | Mu’tah University | 1998 | Jordan | Chemical Engineering |
| **M. Sc.**  | University of Jordan  | 2001 | Jordan | Chemical Engineering |
| **Ph. D** | Queen’s University Belfast | 2005 | UK | Chemical Engineering |

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| **3.Research and Teaching Interests** |
| The central theme of my research lies in the environmental field. My research addressed the following area:• Water and wastewater treatment.• Removal of colours from textile wastewater using ultrafiltration technique.• Removal of colours from wastewater using adsorption technique.• Production of activated carbon.• Mathematical modelling of dye/adsorbent system.• Coagulation/Flocculation Process. |

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| **4.Publication** |
| 1. **Books**
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| 1. **B. Article**s
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|  **Title** |  **journal** | **Date** | **Vol. & No.** | **Pages** |
| Adsorption of Basic Dyes onto Activated Carbon Using Microcolumn. | Industrial and Engineering Chemistry Research | 2006 | 45/17 | 6044-6049 |
| Adsorption of Methylene Blue onto Activated Carbon Produced from Steam Activated Bituminous Coal: A Study of Equilibrium Adsorption Isotherm. | Chemical Engineering Journal | 2006 | 124 | 103-110 |
| Kinetic Modelling of the Adsorption of Basic Dyes onto Steam Activated Bituminous Coal. | Industrial and Engineering Chemistry Research | 2007 | 46/14 | 4764-4771 |
| Adsorption of Basic Dyes from Aqueous Solution onto Activated Carbons. | Chemical Engineering Journal | 2008 | 135 | 174-184 |
| Influence of Preparation Conditions on the Characteristics of Activated Carbons Produced from Bituminous Coal. | Chemical Engineering Journal | 2008 | 142 | 1-13 |
| Influence of the Experimental Conditions on the Removal of Dyes from Aqueous Solutions Using Ultrafiltration | Yanbu Journal of Engineering and Science | 2010 | 1 | 75-86 |
| Investigation of the Treatment of Colored Water Using Efficient Locally Available Adsorbent | International Journal of Energy and Environment | 2011 | 2/6 | 111-1124 |
| Pretreatment of Wastewater Streams from Petroleum/Petrochemical Industries Using Coagulation | ACES | 2011 | 1 | 245-251 |
| Dispersed Air Floatation as a Pretreatment Process for Sea Water Desalination | Water Science and Technology: Water Supply | 2013 | 12/4 | 431–438 |
| Discharge Rates of Micron Size Fine Powders from a Semi-Batch Circulating Fluidized Bed of Binary Particles Under Different Humidification Conditions | Powder Technology | 2013 | 244 | 1-8 |
| Utilization of Activated Carbon for the Removal of Basic Dyes in Fixed-Bed MicroColumn | International Journal of Energy and Environment | 2014 | 4/5 | 815-824 |
| Removal of Three Nitrophenols from Aqueous Solutions by Adsorption onto Char Ash: Equilibrium and Kinetic Modeling | Applied Water Science | 2018 | 8:26 | 1-15 |
| Adsorption of Malachite Green by Jordanian Diatomite Ores: Equilibrium Study | Jordanian Journal of Engineering and Chemical Industries | 2019 | In Press |  |
| Kinetic behavior of the Adsorption of Malachite Green using Jordanian Diatomite as adsorbent | Jordanian Journal of Engineering and Chemical Industries | 2019 | In Press |  |

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| **5.Patents** |
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