**C.V**

****

**Name: Ali Hussein Abbar**

**Date of Birth: 22/10/1968-Al-Qadisiyah**

**Religion: Married**

**Martial statues: Muslim**

**Specialization: Chemical engineering**

**Position: Lecturer**

**Scientific Degree: Assistant Professor**

**Work Address: University of Al-Qadisiyah/College of engineering/Chemical engineering department**

**E-mail: ali.abbar@qu.edu.iq**

**Scientific Certification:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **College** | **University** | **Degree science** |
| 1990 | Chemical engineering department | Technology | **B.Sc.** |
| 1997 | engineering | Baghdad | **M.Sc.** |
| 2015 | engineering | Baghdad | **Ph.D.** |
|  |  |  | **Any other** |

**Scientific Title**

|  |  |  |
| --- | --- | --- |
| **Date** | **Scientific Title** | **No.** |
| 26/9/2006 | Assistant lecturer |  |
| 26/9/2009 | lecturer |  |
| 1/11/2015 | Assistant professor |  |

**Courses Which You Teach:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Subject** | **Department** | **No.** |
| 2008-2011 | Analytical chemistry/undergraduate | Chemical engineering department |  |
| 2008-2011 | mathematics/undergraduate | Chemical engineering department |  |
| 2011-2015 | Industrial management/undergraduate | Chemical engineering department |  |
| 2011-2019 | Chemical engineering principles/undergraduate | Chemical engineering department |  |
| 2018-2019 | Transport phenomena/undergraduate | Chemical engineering department |  |
| 2013-2019 | Engineering project/undergraduate | Chemical engineering department |  |
| 2017-2019 | Advanced heat transfer/postgraduate | Chemical engineering department |  |
| 2017-2019 | Advanced mathematical modelling and control/postgraduate | Chemical engineering department |  |

**Thesis** **which was supervised by :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Department** | **Thesis Title** | **No.** |
| 2018 | Chemical engineering department | removal of heavy metals from wastewater using a rotating tubular packed bed of woven screens electrochemical reactor | 1 |
| 2018 | Chemical engineering department | A combined electrocoagulation-electrooxidation process for the treatment of petroleum refinery wastewater. | 2 |
| 2018 | biochemical engineering department | Heavy metal removal using bio-electrochemical reactor with a novel design | 3 |
| 2019 | Chemical engineering department | Simultaneous cadmium and phenol removal from a simulated wastewater by using a rotating tubular packed bed electrochemical reactor | 4 |

**Conferences which you participated:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Type of Participation** | **Place** | **Year** | **Conferences Title** | **No.  (research or intendance )** |
| lecturer | College of engineering | 26/4/2017 | Symposium on new application on renewable engineering | 1 |
| lecturer | University of technology | 1/1/2016 | First conference on postgraduates researches | 2 |
| intendance | College of engineering | 17/1/2018 | Symposium onProspects of oil industries in iraq | 3 |
| intendance | Baghdad university college of science | 27/4/2017 | Symposium on the chemistry of nano between the reality and aspirant | 4 |

**Scientific Activities:**

|  |  |
| --- | --- |
| **Outside the College** | **Within the College** |
| Training on safety in laboratories | Arabic Language Course |
| Training on cathodic protection of oil establishments and pipelines | Course of teaching methods and computer learning |
| Training on plagiarism and writing research | Computer Training Course |
|  | Educational rehabilitation course |

**Awards and Certificates of Appreciation:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Donor** | **Name of Awards and Certificates** | **No.** |
| 2/9/2010 | Dean of college | Letter of thanks | **1** |
| 8/3/2011 | Dean of college | Letter of thanks | 2 |
| 12/2/2015 | President of the University | Letter of thanks | 3 |
| 6/6/2016 | Dean of college | Letter of thanks | 4 |
| 26/6/2016 | Dean of college | Letter of thanks | 5 |
| 28/2/2017 | Dean of college | Letter of thanks | 6 |
| 24/4/2017 | Editor of journal | Letter of thanks | 7 |
| 21/5/2017 | Dean of college | Letter of thanks | 8 |
| 26/7/2017 | President of the University | Letter of thanks | 9 |
| 10/10/2017 | President of the University | Letter of thanks | 10 |
| 11/10/2017 | Dean of college | Letter of thanks | 11 |
| 23/11/2017 | Dean of college | Letter of thanks | 12 |
| 14/2/2018 | Dean of college | Letter of thanks | 13 |
| 28/5/2018 | Dean of college | Letter of thanks | 14 |
| 20/7/2018 | Dean of college | Letter of thanks | 15 |
| 28/11/2018 | Dean of college | Letter of thanks | 16 |
| 7/10/2018 | President of the University | Letter of thanks | 17 |
| 4/2/2019 | President of the University | Letter of thanks | 18 |
| 9/4/2019 | President of the University | Letter of thanks | 19 |
| 11/6/2019 | Editor of journal | Letter of thanks | 20 |
| 11/6/2019 | Dean of college | Letter of thanks | 21 |
| 20/5/2019 | President of the University | Letter of thanks | 22 |
| 18/6/2019 | President of the University | Letter of thanks | 23 |

**Publication**

|  |  |  |
| --- | --- | --- |
| **Year** | **Publication** | **No.** |
| **2007** | Electrolytic preparation of iron powder with particle size less than 106 micron | **1** |
| **2007** | الاسترداد الامثل لمذيب الزايلين في تحضير سبيكه بولي اثلين -بوليسايلوكسان | **2** |
| **2007** | Scale-up of a fixed bed electrochemical reactor consisting of parallel screen electrode used for p-aminophenol production | **3** |
| **2008** | Electrolytic preparation of copper powder with particle size less than 63 micron | **4** |
| **2008** | A novel, pilot scale electrolysis system for production of p-aminophenol using parallel screen electrode | **5** |
| **2011** | Mass transport properties of a flow-through electrolytic reactor using zinc reduction system | **6** |
| **2011** | electrodeposition of silicon from flourosilisic acid produced in Iraqi phosphate fertilizer plant | **7** |
| **2011** | preparation of low cost high purity potassium fluorosilicate from flourosilicic acid produced in Iraqi phosphate fertilizer plant | **8** |
| **2012** | Mass transfer to amalgamated copper rotating disk electrode | **9** |
| **2012** | catalytic direct reaction of di-methyl,di-ethyl carbonate with the natural silica-KOH mixture | **10** |
| **2012** | scale-up of electrochemical reactors | **11** |
| **2013** | Cathodic Deposition of Silicon from Phenyletrichlorosilane  in an Organic Solvent | **12** |
| **2013** | Cathodic Deposition of Cadmium from Diluted Solutions onto Stainless Steel Rotating Disc Electrode | **13** |
| **2014** | Characterization and Electrochemical Preparation of Thin Films of Binary Heavy Metals (Cu-Pb,Cu-Cd,Cu-Zn) from Simulated Chloride Wastewaters | **14** |
| **2014** | Preparation and Characterization of Electrodeposited Cadmium  and Lead thin Films from a Diluted Chloride Solution | **15** |
| **2015** | Galvanostatic Removal of Lead from Simulated Chloride Wastewaters using a Flow-by Fixed Bed Electrochemical Cell: Taguchi approach | **16** |
| **2015** | Electrolytic removal of zinc from simulated chloride wastewaters using a novel flow-by fixed bed electrochemical reactor | **17** |
| **2016** | Electrochemical Incineration of Oxalic Acid at Manganese Dioxide Rotating Cylinder Anode: Role of Operative Parameters in the Presence of NaCl | **18** |
| **2017** | Cadmium removal from simulated chloride wastewater using  a novel flow-by fixed bed electrochemical reactor:  Taguchi approach | **19** |
| **2017** | Electrochemical Preparation of Ultrafine Zinc Powder | **20** |
| **2018** | Studies of mass transfer at a spiral-wound woven wire mesh rotating  cylinder electrode | **21** |
| **2018** | A Kinetic Study of Oxalic Acid Electrochemical Oxidation on a Manganese Dioxide Rotating Cylinder Anode | **22** |
| **2019** | Effect of Electrolysis Parameters on the Specific Surface Area of Nickel Powder: Optimization using Box-Behnken Design | **23** |
| **2019** | Cadmium removal using a spiral-wound woven wire meshes packed bed rotating cylinder electrode | **24** |

**Books Composed or Translated :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Donor** | **Name of Awards and Certificates** | **No.** |
|  |  | **none** | **1** |

**languages:**

* Arabic
* English