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

Current Work Address: Department of Biochemical Engineering, Al-Khwarizmi College of Engineering, University of Baghdad, Baghdad, Iraq

Post work address: University of Al-Qadisiyah/College of engineering/Chemical engineering department (2006-2019)

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Scientific Certification:

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

Scientific Title

No.	Scientific Title	Date
1.	Assistant lecturer	26/9/2006
2.	lecturer	26/9/2009
3.	Assistant professor	1/11/2015

Courses Which You Teach:

No.	Department	Subject	Year
1-	Chemical engineering department/ University of Al-Qadisiyah	Analytical chemistry/undergraduate	2008-2011
2-	Chemical engineering department/ University of Al-Qadisiyah	mathematics/undergraduate	2008-2011
3-	Chemical engineering department/ University of Al-Qadisiyah	Industrial management/undergraduate	2011-2015
4-	Chemical engineering department/ University of Al-Qadisiyah	Chemical engineering principles/undergraduate	2011-2019
5-	Chemical engineering department/ University of Al-Qadisiyah	Transport phenomena/undergraduate	2018-2019
6-	Chemical engineering department/ University of Al-Qadisiyah	Engineering project/undergraduate	2013-2019
7-	Chemical engineering department/ University of Al-Qadisiyah	Advanced heat transfer/postgraduate	2017-2019

8-	Chemical engineering department/ University of Al-Qadisiyah	Advanced mathematical modelling and control/postgraduate	2017-2019
9-	Biochemical Engineering, Al-Khwarizmi College of Engineering	Food process engineering/undergraduate	2019-2020
10-	Biochemical Engineering, Al-Khwarizmi College of Engineering	Engineering project/undergraduate	2019-2020
11-	Biochemical Engineering, Al-Khwarizmi College of Engineering	Advanced Food and Pharmaceutical Process/postgraduate	2019-2020
12-	Biochemical Engineering, Al-Khwarizmi College of Engineering	Advanced process control/ postgraduate	2019-2020
13-	Biochemical Engineering, Al-Khwarizmi College of Engineering	Pharmaceutical process engineering/undergraduate	2019-2020

Thesis which was supervised by :

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

5	Comparative study for degradation of oil refinery wastewater by electrochemical advanced oxidation processes	Chemical engineering department	2019
6	Treatment of hospital wastewater by electrochemical methods using response Surface Methodology	Chemical engineering department	2020
7	Removal of heavy metals using boielectrochemical reactor with packed bed rotating cylinder cathode	Biochemical engineering department	2021

Conferences which you participated:

No. (research or intendance)	Conferences Title	Year	Place	Type of Participation
1	Symposium on new application on renewable	26/4/2017	College of engineering	lecturer
2	First conference on postgraduates	1/1/2016	University of technology	lecturer
3	Symposium onProspects of oil	17/1/2018	College of engineering	intendance
4	Symposium on the chemistry of nano between the reality and aspirant	27/4/2017	Baghdad university college of science	intendance
5	ICEAT Fierst international conference on engineering and advanced technology	12/2/2020	Egypt	lecturer
6	2nd International Scientific Conference of Engineering Sciences (ISCES2020)	16-17-12-2020	Ba'qubah, Diyala, Iraq	lecturer

Scientific Activities:

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

Awards and Certificates of Appreciation:

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

15	Letter of thanks	Dean of college	20/7/2018
16	Letter of thanks	Dean of college	28/11/2018
17	Letter of thanks	President of the	7/10/2018
18	Letter of thanks	President of the	4/2/2019
19	Letter of thanks	President of the	9/4/2019
20	Letter of thanks	Editor of journal	11/6/2019
21	Letter of thanks	Dean of college	11/6/2019
22	Letter of thanks	President of the	20/5/2019
23	Letter of thanks	President of the	18/6/2019
24	Letter of thanks	Minister of higher education	24/8/2020
25	Letter of thanks	Minister of higher education	16/8/2020
26	Letter of thanks	Minister of higher education	23/9/2020

Publication

No.	Publication	Year
1	Electrolytic preparation of iron powder with particle size less than 106 micron	2007
2	الاسترداد الامثل لمذيب الزايلين في تحضير سبيكه بولي اثلين -بوليسايلوكسان	2007
3	Scale-up of a fixed bed electrochemical reactor consisting of parallel screen electrode used for p-aminophenol production	2007
4	Electrolytic preparation of copper powder with particle size less than 63 micron	2008
5	A novel, pilot scale electrolysis system for production of p-aminophenol using parallel screen electrode	2008
6	Mass transport properties of a flow-through electrolytic reactor using zinc reduction system	2011
7	electrodeposition of silicon from flourosilisic acid produced in Iraqi phosphate fertilizer plant	2011

8	preparation of low cost high purity potassium fluorosilicate from flourosilicic acid produced in Iraqi phosphate fertilizer plant	**2011**
9	Mass transfer to amalgamated copper rotating disk electrode	**2012**
10	catalytic direct reaction of di-methyl,di-ethyl carbonate with the natural silica-KOH mixture	**2012**
11	scale-up of electrochemical reactors	**2012**
12	Cathodic Deposition of Silicon from Phenyletrichlorosilane in an Organic Solvent	**2013**
13	Cathodic Deposition of Cadmium from Diluted Solutions onto Stainless Steel Rotating Disc Electrode	**2013**
14	Characterization and Electrochemical Preparation of Thin Films of Binary Heavy Metals (Cu-Pb,Cu-Cd,Cu-Zn) from Simulated Chloride Wastewaters	**2014**
15	Preparation and Characterization of Electrodeposited Cadmium and Lead thin Films from a Diluted Chloride Solution	**2014**
16	Galvanostatic Removal of Lead from Simulated Chloride Wastewaters using a Flow-by Fixed Bed Electrochemical Cell: Taguchi approach	**2015**
17	Electrolytic removal of zinc from simulated chloride wastewaters using a novel flow-by fixed bed electrochemical reactor	**2015**
18	Electrochemical Incineration of Oxalic Acid at Manganese Dioxide Rotating Cylinder Anode: Role of Operative Parameters in the Presence of NaCl	**2016**
19	Cadmium removal from simulated chloride wastewater using a novel flow-by fixed bed electrochemical reactor:	**2017**
20	Electrochemical Preparation of Ultrafine Zinc Powder	**2017**
21	Studies of mass transfer at a spiral-wound woven wire mesh rotating cylinder electrode	**2018**
22	A Kinetic Study of Oxalic Acid Electrochemical Oxidation on a Manganese Dioxide Rotating Cylinder Anode	**2018**
23	Effect of Electrolysis Parameters on the Specific Surface Area of Nickel Powder: Optimization using Box-Behnken Design	**2019**
24	Cadmium removal using a spiral-wound woven wire meshes packed bed rotating cylinder electrode	**2019**
25	Treatment of petroleum refinery wastewater by electrochemical oxidation using graphite anodes	**2019**
26	Electrochemical removal of copper from a simulated wastewater using a rotating tubular packed bed of woven screens electrode	**2019**
27	Practical study on the electrochemical simultaneous removal of copper and cadmium from simulated wastewater using rotating tubular packed bed cathode	**2019**
28	Mass transfer characteristics of a flow-by fixed bed electrochemical reactor composed of vertical stack stainless steel screens cathode	**2019**
29	Lead removal by a spiral-wound woven wire mesh rotating cylinder electrode: optimisation using Taguchi design method	**2020**
30	Cobalt Removal from Simulated Wastewaters Using a Novel Flow-by Fixed Bed Bio-electrochemical Reactor	**2020**

31	Improvement the corrosion Behavior of Titanium by Nanotubular Oxide in a simulated saliva solution	**2020**
32	Optimization of process parameters for the electrochemical oxidation treatment of petroleum refinery wastewater using porous graphite anode	**2020**
33	Application of Response Surface Methodology for Optimization of Phenol Removal from Simulated Wastewater using Rotating Tubular Packed bed	**2020**
34	Removal of Cadmium from Simulated Wastewater using Rotating Tubular Packed Bed Electrochemical Reactor: Optimization through	**2020**
35	Removal of COD from Petroleum refinery Wastewater by ElectroCoagulation Process Using SS/Al electrodes	**2020**
36	Simultaneous Removal of Cadmium and Copper from a Binary Solution by Cathodic Deposition Using a Spiral-Wound Woven Wire Meshes Packed Bed	**2020**
37	Removal of Cadmium from Simulated Wastewaters Using a Fixed Bed Bio-electrochemical Reactor	**2020**
38	Corrosion performance of electrospinning nanofiber ZnO-NiO-CuO/polycaprolactone coated on mild steel in acid solution	**2020**
39	Treatment of petroleum refinery wastewater by electro-Fenton process using porous graphite electrodes	**2020**
40	Expulsion of cadmium from a simulated wastewater using CKD as adsorbent: Optimization with isotherm study	**2021**
41	Performance Evaluation of a Combined Electrocoagulation–Electrooxidation Process for the Treatment of Petroleum	**2021**
42	Simultaneous Removal of Cadmium and Copper from a Binary Solution by Cathodic Deposition Using a Spiral-Wound Woven	**2021**
43	Treatment of Al-Muthanna Petroleum Refinery Wastewater by Electrocoagulation Using a Tubular batch Electrochemical	**2021**

Books Composed or Translated :

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

languages:

- ✓ Arabic
- ✓ English