




## Curriculum vitae

Full Name	Prof .dr. Ahmed Najem Abd			
Date of Birth	16 March 1975			
Social Status	Married			
E-mail	<a href="mailto:dr.ahmednajemabd@uodiyala.edu.iq">dr.ahmednajemabd@uodiyala.edu.iq</a> <a href="mailto:ahmednajemabd@yahoo.com">ahmednajemabd@yahoo.com</a>			
Mobile	009647714263325			
Academic Achievement	Ph.D.			
The scientific Title	Prof.dr.			
Scientific Department	Chemistry			
BSC	University of Baghdad	Year	1997	
Masters	University of Baghdad	Year	2004	
PhD	University of Baghdad	Year	2009	
Workplace	.Department of Chemistry, College of Science, University of Diyala			
Research areas	Thermodynamic ,Kinetic ,Photo Chemistry, corrosion, nanomaterial			
Research's	<p>1-A study of dissociations and association thermodynamic functions of alaninc acid in di methyl form amide mixtures by conductance (Al .Mustansiriya Journal of science (vol.21-No.4- ))2010</p> <p>2- A study of some physical properties for binary system of cyclohexane with n-decane and 1-pentanol at different temperatures. (Bagdad science journal Vol.8 No.2. 2011</p> <p>3-Some volumetric properties of aqueous solution of poly vinyl alcohol over temperature rang 298.15-328.15 k. journal of Babylon university Vol.19,No.3,2011</p> <p>4-A study of some physical properties for ternary system of cyclohexan with hexane and some alcohols at different temperatures. (journal of the university of Karbala Vol.8 ,No.1 ,) 2010</p> <p>5-Volumetric and viscometric behavior studies for ternary system of cycloheptane with three isomeric dimethyl benzene at different temperatures . Diyala journal for pure sciences Vol.8 No.2.2012 .</p> <p>6-SOME THERMOPHYSICAL PROPERTIES FOR ,QUATERNARY SYSTEMS OF N.M.MORPHOLINE WITH ALKANES AND ALCOHOLS AT FOUR TEMPERATURES.</p>			



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	<p><b>International Journal of Current Research</b> Vol. 6, Issue, 03, pp.5451-5458, March, 2014</p>
	<p><b>7-Thermophysical properties of aqueous solution for water and some alcohols at 298 .15 k.</b> <b>Diyala journal for pure sciences Vol.11- No.3.2015</b></p>
	<p><b>8-Addition of some primary and secondary amines to graphene oxide, and studying their effect on increasing its electrical properties</b> <b>Bagdad Science Journal</b> <b>Vol.13- No.01</b> <b>ISSN: 2078-8665</b> <b>March 2016</b></p>
	<p><b>9-Characterization of Fe<sub>3</sub>O<sub>4</sub> and Cr<sub>2</sub>O<sub>3</sub> Nano powders synthesized by novel photolysis method of it's complexes</b> <b>European Journal of Scientific Research</b> <b>ISSN 1450-216X / 1450-202X Vol. 140 No 1 June, 2016, pp.93-108</b></p>
	<p><b>10-Potassium Iodide as a Corrosion Inhibitor of Mild Steel in Hydrochloric Acid: Kinetics and Mathematical Studies</b> <b>Journal of Bio- and Tribo-Corrosion (2018) 4:17</b></p>
	<p><b>11-Corrosion inhibition of low carbon steel in hydrochloric acid by CardariaDraba leaves extracts</b></p>
	<p><b>12-Studying the Corrosion Control of Low Carbon Steel in different Aqueous Media by Coating Method</b> <b>Research Journal of Applied Sciences, Engineering and Technology</b> <b>15(2): 76-80, 2018</b></p>
	<p><b>13-Xanthium strumarium leaves extracts as a friendly corrosion inhibitor of low carbon steel in hydrochloric acid: Kinetics and mathematical studies</b> <b>South African Journal of Chemical Engineering 25(2018)13-21</b></p>
	<p><b>14-Thermodynamic and spectroscopic studies on complexes formation properties of Quercetin and Curcumin with Ni and pb+2 and determination of stability constant by spectrophotometric method</b> <b>International Journal of ChemTech Research</b> <b>ISSN: 0974-4290, ISSN:2455-9555 Vol.10 No.10, pp 716-725, 2017</b></p>



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	<p>15- Spectrophotometric and Thermodynamic Studies of Complexation between Catechin and Some of Transition Metals (II) <b>International Journal of Science and Research (IJSR)</b> ISSN (Online): 2319-7064 Index Copernicus Value (2015): 78.96   Impact Factor (2015): 6.391</p>
	<p>16-Sewage water Treatment of Al-Warqaa station in Baqubah City, Iraq using local Attapulgit Clays <a href="#">JOURNAL OF APPLIED SCIENCES RESEARCH</a> 2017 February; 13(2): pages 10-19</p> <p>17- Synthesis of <math>\alpha</math>-Fe<sub>2</sub>O<sub>3</sub> Nano powders by Novel UV Irradiation Method Diyala journal for pure sciences</p>
	<p>18- Viscosities and Thermodynamic Behavior of Some Amino Acids in (DMF + Water) Mixtures at (298.15K and 308.15 K). <a href="#">JOURNAL OF APPLIED SCIENCES RESEARCH</a> 2016 December; 12(12): pages 7-14</p>
	<p><b>19-Corrosion Prevention of Aluminum in Acidic Media Using Cydonia Vulgaris Leaves Extract as Environmentally Friendly Corrosion Inhibitor</b></p> <p>Biochem Tech (2018) 9(3): 10-16 ISSN: 0974-2328</p>
	<p><b>20-Preparation Nanocomposite Cuo-Attapulgit, Used as Catalyst in Photo Degradation of Methyl Orange</b> World Journal of Environmental Biosciences Volume7, Issue 1: 104-109</p> <p><b>21-Corrosion inhibition of mild carbon steel in hydrochloric acid by <i>Cardaria Draba</i> leaf extracts</b> Journal of petroleum Research &amp; Studies . NO.2</p>
	<p><b>22- Preparation of Nano-Cellulose from Industrial Wast by Ultrasonic Device.</b> Biochem Tech (2018) 9(1): 35-39</p>
	<p><b>23 - Synthesis and Characterization of Zeolite 4Å from Iraqi Kaolin and Rice Husk</b> Solid State Technology Volume: 63 Issue: 5(2020)</p>
	<p><b>24-CORROSION PREVENTION OF INDUSTRIALLY USED METAL USING GREEN INHIBITOR AND NANO COMPOSITES</b></p>



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	<b>Journal of critical reviews . ISSN- 2394-5125 VOL 7, ISSUE 7, 2020</b>
	<b>25- Sewage Water Treatment of Chemistry Department in College of Science-Diyala University</b> Sys Rev Pharm 2020;11(12):119-123
	<b>26- Extract Leaves of Hibiscus Rosa-sinensis as Corrosion Inhibitor for Pure Al in Seawater</b> Solid State Technology Volume: 63 Issue: 6
	<b>27- Kinetic and Thermodynamics of Adsorption of Copper Ions(II) on Some Iraqi Clays (Published accepted)</b>
	<b>28- Corrosion Inhibition of Aluminum and Its Alloy in Acidic Media Using Expired Drugs(Published accepted)</b>
	<b>29- Immobilization of urease on chitosan enhanced the enzyme efficiency (Published accepted)</b>
	There are many research published in the Arabic language
<b>Scientific expertise</b>	<p><b>1-Lecturer at Ibn Al-Haytham College of Education, University of Baghdad, 2002-2005</b></p> <p><b>2-Teaching at the College of Veterinary Medicine, University of Diyala 2005-2012</b></p> <p><b>3-Head of Pharmacology and Physiology Branch 2006-2008</b></p> <p><b>4-Head of Diseases Branch 2008-2009</b></p> <p><b>5-Head of the Surgery Branch</b></p> <p><b>6-Assistant Dean for Administrative Affairs 2010-2012</b></p> <p><b>7-Teaching at the College of Science, University of Diyala 20012-</b></p> <p><b>8-Postgraduate course in Chemistry Department 2014-2017</b></p> <p><b>9-Member of the Ministerial Team of CBRN20014-</b></p> <p><b>10-Member of the Scientific Promotions Committee at the College of Science, Diyala University, 2015-2019</b></p>



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	<p><b>11-Director of the Advisory Office for Applied Sciences, Diyala University, 2016- so far</b></p> <p><b>12-Head of the Department of Chemistry Sciences 2017-</b></p> <p><b>13-I have three patents on corrosion inhibition and two patents are under examination</b></p> <p><b>14-I supervised 18 postgraduate students</b></p> <p><b>15-President and member of many tenders for master's and doctoral students</b></p>
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