

Curriculum Vitae

Personal Particular



Name	Assist Prof. Dr. Ammar Abdul Sattar Ibrahim
Place of Birth	Mosul, Iraq
Date of Birthday	28. May 1974
Nationality	Iraqi
Sex	Male
Marital Status	Married (Three Children)
Languages	Arabic (Mother Tongue) English
Address	Department of Chemistry, College of Science, Mosul University, Iraq
E-Mail Address	dr.ammar_1974@yahoo.com

Educational Background:

1. B.Sc. Degree in chemistry, from Department of Chemistry, College of Science, University of Mosul, Mosul, Iraq, 1996.
2. M.Sc. Degree in Chemistry, from Department of Chemistry, College of Science, University of Mosul, Mosul, Iraq, 2000. "*Cyclic Voltammetry of Schiff's Bases, As a Model Compound of Electric Conducting Poly-Schiff's Bases Polymers* "
3. Ph.D. Degree in Physical Chemistry, from Department of Chemistry, College of Science, University of Mosul, Mosul, Iraq, 2006. "*Electrochemical and Theoretical Study of Azobenzene, It's Interaction with Bovine Albumin & Bilirubin-Indirect Method for Determination of Bilirubin in Urine* "

Scientific Publications :

1. Indirect Method for Determination of Bilirubin in Urine by Using of Azobenzene Compound and Kit, (***First Scientific Conference of Chemistry, Iraq, Mosul, 22-23/April/2008***).
2. Determination of Bilirubin in Serum and Urine By Spectrophotometric Method and Compare it with Polarographic Method, (***The first scientific conference for biological science, Iraq, Mosul, 2009***).
3. Physical properties of phenol compound: semi-empirical calculation of substituent effects [part one], ***Am. J. of Applied Science* 6 (7): 1385-1389, 2009**.
4. Synthesis , characterization and theoretical study of some transition metal complexes with some terpyridines, ***National Journal of Chemistry, Volume 35, 512-520, 2009***.
5. Comparison Study for the Physical and Chemical Properties of Aniline and its Derivatives, ***National Journal of Chemistry, Volume 37, 2010***.
6. Investigation of Quantitative Structure Activity Relationship Parameters on the m-Substituted Pyridine Compound: A GAMMESS Study, ***Asian Journal of Chemistry; Vol. 23, No. 1 (2011), 215-218***.
7. Solvent Effects on N-Phthaloyl Chitosan Polymer: Prediction of Solubility in Different Solvents Using Theoretical Calculations, ***Asian Journal of Chemistry, Vol. 23, No. 7 (2011), 2956-2960***.
8. Quantum Chemical Calculations (QSAR) of Antipyrine Drug and Its Metabolites, ***Asian Journal of Chemistry; Vol. 24 No. 1, (2012), 269-272***.
9. Electrochemical Study of the Complexation of Methyl Yellow with Some Metal Ions as a Model for Doped Poly Azo Compound, ***Asian Journal of Chemistry; Vol. 24 No. 6, (2012), 2634-2636***.

10. Theoretical Prediction of the Ionization Potential Using Different Methods AM1, HF and DFT, *International Journal of Scientific & Engineering Research Volume 9, Issue 1,726, January-2018*.
11. Theoretical Prediction of Lipophilicity for Some Drugs Compounds, Oriental Journal Of Chemistry, 2020, Vol. 36, No.(1): Pg. 114-119.
12. Lipophilicity Determination for Amino-Drugs Compounds Using Theoretical Calculations, July – August 2020 ISSN: 0193-4120 Page No. 4636 – 4645.
13. Theoretical prediction of pKa for amino acids and voltammetric behaviour of the interaction of paracetamol with alanine, Int. J. of Adv. Sc. and Tech., 29, No. 5, (2020), pp. 12945-12954.
14. Theoretical Prediction of Possible Drug Treatment of COVID-19, using Coumarins Containing Chloroquine Moeity, Asian Journal of Chemistry; Vol. 32, No. 12 (2020), 3120-3126

Position:

Lecturer, Department of Chemistry, College of Science, University of Mosul, Mosul, Iraq.

Teaching Duties:

1. Computational Chemistry (Postgraduate students/Pd.D Student).
2. Microsoft Office Package (Internet, Window, Word, Excel, Power Point) for Postgraduate students.
3. SPSS Program (for Postgraduate Students).
4. ChemOffice Program (Undergraduate students, forth class).
5. Practical Physical Chemistry (Laboratories for chemistry students, third class).
6. Theoretical and Practical Physical Chemistry (Laboratories for chemistry students, second class).

7. Supervision of two undergraduate students projects (forth class) about theoretical calculated of some organic compounds.
8. Using Excel in Chemistry, Diploma Students.

Membership in societies

I have a membership in the Iraqi Chemists Union, Iraq, since 1996

Research Interest :

1. Medicinal Chemistry.
2. Binding Interaction with Albumin or Bilirubin.
3. Application of Polarographic Technique.
4. Computational Chemistry.
5. ChemOffice Program Methods like (*ab initio*, AM1, PM3, DFT).
6. HyperChem Program.

Scientific Research Visits:

1. Training courses in the field of Polarography (Voltammetry), *Syria*, (one week), May 2005.
2. Training courses in the field of Colometric titration, *Syria*, (one week), August, 2005.
3. Visiting to “International Exposition of Research and Invention of Institutions of Higher Learning [**pecipta 2009 MALAYSIA**]”, Kuala Lumpur Convention Centre, 8-10-October-2009.

Certificate:

- ❖ ***Post Doctorate Research Fellow***, in the Department of Chemistry, Faculty of Science, ***University of Malaya, Malaysia***, From July-2010 till July-2011 (one year).
- ❖ ***Research Attachment***, Department of Chemistry, Faculty of Science, ***University of Malaya, Malaysia***, (two months), 2009