

Academic Curriculum Vitae



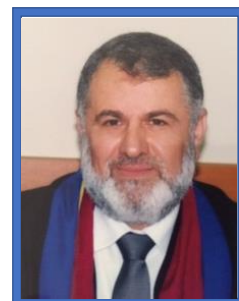
Personal Information:

Full Name: Nabil Adil Fakhre

Academic Title: Professor

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Education:

- 1997-2000: (Ph. D in Analytical Chemistry). The title of the thesis is (Flow-injection extraction-spectrophotometric determination of permanganate and chromate with crown ether). Department of Chemistry, College of Education, University of Baghdad, IRAQ.
- 190-193: (M.Sc. in Analytical Chemistry). Department of Chemistry, College of Science, University of Mosul-IRAQ.
- 1975-1979: (B.Sc. in Chemistry). Department of Chemistry, College of Science, University of Mosul-IRAQ.

Employment:

- 2002 Professor of Analytical Chemistry, Department of Chemistry, College of Education/ University of Salahaddin, Erbil, IRAQ.
- 1992 Assist. Prof. of Analytical Chemistry, Department of Chemistry, College of Education/ University of Salahaddin.
- 199 Lecturer of Analytical Chemistry, Department of Chemistry, College of Education/ University of Salahaddin.
- 193 Assist. Lecturer of Analytical Chemistry, Department of Chemistry, College of Education/ University of Salahaddin.
- 2000-2002, and 2004- 2006 Chairman of Scientific Promotion Committee, College of Education/ University of Salahaddin.
- 2002-2004 Chairman of Scientific Committee, College of Education/ Scientific Depts., University of Salahaddin

- 2003-2004, and from 2006 - 2011 Chairman of Central Scientific Promotion Committee, University of Salahaddin.
- 2012- to the date Chairman of Central Authoring and Translation Committee, University of Salahaddin.
- 2014 Director of Quality Assurance at the University of Salahaddin.
- Supervised fourth year under graduation projects.
- Supervised t Diploma, M.Sc. and Ph.D. students (total 22).

Qualifications

- Teaching qualifications
- IT qualifications
- Language qualifications such as TOEFL, IELTS or any equivalent
- Any professional qualification
- You could put any professional courses you have attended

Teaching experience:

- Analytical Chemistry.
- Instrumental analysis.
- Micro-analysis.
- Solvent-extraction.
- Biochemical methods
- Macrocyclic compounds.
- Trace Analysis
- Pollution.
- Industrial Chemistry State all teaching courses you delivered, stating undergraduate or post graduate
- Courses, trainings, lab supervision, etc.,

Research and publications

- Dashty K. Ali , **Nabil A. Fakhre**, Chnar M. Rasheed, Simultaneous Determination of Binary Mixture of Estradiol and Progesterone Using Different Spectrophotometric Methods, Baghdad Science Journal, April, 2023, DOI: <https://dx.doi.org/10.21123/bsj.2023.7822>.
- Salah Kamal Omer, **Nabil Adil Fakhre**, Removal of Aqueous Pb²⁺ on Partially esterified Cellulose Obtained by Almond Shell Dissolution Using Deep Eutectic Solvent, Iranian Journal of Science , April 2023, <https://doi.org/10.1007/s40995-023-01419-5>
- Huda Y. Sharef, Aveen F. Jalal, **Nabil A. Fakhre** and et al, New ion-imprinted polymer for selective removal of Cu²⁺ ion in aqueous solution using extracted Aloe vera leaves as a monomer, International Journal of Biological Macromolecules, April 2023, <https://doi.org/10.1016/j.ijbiomac.2023.124318>

- Shayma A. Nadir & **Nabil A. Fakhre**, Simultaneous Determination of Binary Mixtures of Aniline and 2-Nitroaniline in Tap Water Samples by Derivative Spectrophotometry, Eurasian Journal of Science & Engineering, Volume 8, Issue 3; December, 2022, Doi: 10.23918/eajse.v8i3p12
- Harez Sdiq Faraj & **Nabil Adil Fakhre**, Griess Assay of Salivary Nitrite Content with Extraction Preconcentration, Eurasian Journal of Science & Engineering, Volume 8, Issue 3; December, 2022, Doi: 10.23918/eajse.v8i3p204
- Hawraz Sami Khalid & Saman Qadir Mawlud & **Nabil Adil Fakhre**, Characterizations and Environmental Applications of Various Synthesized Aluminum Oxide Nanoparticles Using Sol-Gel Technique: A Review, Eurasian Journal of Science & Engineering, Volume 8, Issue 3; December, 2022, Doi: 10.23918/eajse.v8i3p74
- Huda Y. Sharef, **Nabil A. Fakhre**, Rapid adsorption of some heavy metals using extracted chitosan anchored with new aldehyde to form a schiff base, PLoS ONE, Published: September 9, 2022, 17(9): e0274123. <https://doi.org/10.1371/journal.pone.0274123>
- Aveen F. Jalal, **Nabil A. Fakhre**, Removal of dyes (BG, MG, and SA) from aqueous solution using a novel adsorbent macrocyclic compound, PLOS ONE, Published: October 6, 2022 <https://doi.org/10.1371/journal.pone.0275330>
- Bnar M. Ibrahim, **Nabil A. Fakhre** and et al., Removal of Lead Ions from Aqueous Solutions by Modified Cellulose, Environmental Technology, March 2022.
-
- Huda Y. shareef, **Nabil A. Fakhre** Designing, characterization, and application of cross-linked chitosan possessing Schiff base and ion-imprinted network polymer for selective removal of Cu(II) from aqueous solution, January 2022, Desalination and Water Treatment 276:160-174
- Aveen F Jalal, **Nabil A. Fakhre** Removal of dyes from aqueous solution using bis [Hg (2-apt)]-modified Fe₃O₄ magnetic nanoparticles, January 2022, Desalination and Water Treatment
- Aveen F Jalal, **Nabil A. Fakhre**, Preparation and Characterization of Green Fe₃ O₄ Nanoparticle Using the Aqueous Plant Extract of Gundelia tournefortii L. ARO-THE SCIENTIFIC JOURNAL OF KOYA UNIVERSITY 9 (2), 5-63, 2022.
- HF Mohammad, **Nabil A. Fakhre**, Liquid-Liquid Extraction of Copper (II) in a Synthetic Sample using a New Macrocyclic Compound, Rafidain Journal of Science 30 (4), 11-21, 2022.
- AM Azeez, **Nabil A . Fakhre**, Determination of ketoprofen in tablet dosage forms by derivative IR spectroscopy, Egyptian Journal of Chemistry 65 (1), 1-2, 2022.
- Chnar M Risheed, **Nabil A. Fakhre**, Mohammed I Mohammed, Dashty K Alim, Hollow Fiber Nano Membrane as Liquid Phase Microextraction for Determination of Enrofloxacin in the Presence of Florfenicol and Tylosin in Chicken Tissues, Egyptian Journal of Chemistry, 2021
- Dashty Kh. Alia, **Nabil A. Fakhre**, Chnar M. Riasheeda, Second and Third Derivative Spectrophotometric Determination of Liothyronine and Thyroxine in Human Serum, Egyptian Journal of Chemistry, Vol. 64, No. 11 pp. 6385 - 6397 (2021), DOI: 10.21608/ejchem.2021.77986.3811
- Tamathir Abbas Hamoudi1, , Aveen Faidhalla Jalal, **Nabil Adel Fakhre**, Determination of Nitrite in Meat by Azo Dye Formation, Sys Rev Pharm 2020; 11(6): 535 -542
- Shilan A. Omer and **Nabil A. Fakhre**, Simultaneous Determination of Ternary Mixture of Carboxin, Chlorpyrifos, and Tebuconazole Residues in Cabbage Samples Using Three Spectrophotometric Methods, February 2020 Journal of Analytical Methods in Chemistry 2020(2):1-16.
- Shilan A. Omer and **Nabil A. Fakhre**, Three Different Spectrophotometric Methods for Simultaneous Determination of Pyriproxyfen and Chlorothalonil Residues in Cucumber and Cabbage Samples, Journal of Spectroscopy, Volume 2019, Article ID 241625, 11 pages.
- Khanda F.M. Amin **Nabil A. Fakhre** and Ahmed M. Abdullah, Mean centering-triple divisor and ratio derivative-zero crossing for simultaneous determination of some diabetes drugs in their quaternary mixture with severely overlapping spectra., Spectrochim Acta A Mol Biomol Spectrosc. 2019 Jun 14; 222:117261. doi: 10.1016/j.saa.2019.117261. [Epub ahead of print]

- Khanda F.M. Amin **Nabil A. Fakhre** and Ahmed M. Abdullah, Comparative Study of Different Derivative Spectrophotometric Techniques for the Analysis and Separation of Metformin, Empagliflozin, and Glimperide, *Current Pharmaceutical Analysis*, 2019, 15, 000-000
- Bnar M. Ibrahim, and **Nabil A. Fakhre**, Crown ether modification of starch for adsorption of heavy metals from synthetic wastewater, *International Journal of Biological Macromolecules*, 123(2019) 70-0.
- **Nabil A. Fakhre**, and Bnar M. Ibrahim, The use of new chemically modified cellulose for heavy metal ion adsorption, *Journal of Hazardous Materials* 343 (201) 324–331.
- Hardawan M. Kakashiq and **Nabil A. Fakhre** The role of G-Suite application for practicing the Administration Process of Quality Assurance; Salahaddin University as a Sample
- Hemn A. Qader and **Nabil A. Fakhre**, Second Derivative Spectrophotometric Determination of 1, 4 - Dioxane in Tap Water Samples, MEDLAB 201, which takes place from 05 - 0 February 201.
- Chnar M. Rasheed • **Nabil A. Fakhre**, Simultaneous First Derivative Spectrophotometric Determination of Enrofloxacin, Tylosine and Florfenicol in Chicken Samples using Zero-Cross Technique, MEDLAB 201, which takes place from 05 - 0 February 201.
- Chnar M. Rasheed • **Nabil A. Fakhre** Derivative spectrophotometric determination of florfenicol in chicken samples, International Conference on Science and Education (IConSE) October 26-29, 2017, Antalya, Turkey.
- **Nabil A. Fakhre** and Dashty K. Ali, First Derivative Spectrophotometric Determination of Cholesterol and Triglyceride in Human Serum, *Eurasian Journal of Science & Engineering*, Volume 3, Issue 1 (Special Issue); September, 2017.
- Aryan F. Qader and **Nabil A. Fakhre**, Spectrofluorometric Determination of Furosemide in some Pharmaceutical product using Acriflavine as a Reagent, *AIP Conference Proceedings* 1, 020042 (2017); doi: 10.1063/1.5004319, View online: <http://dx.doi.org/10.1063/1.5004319>, View Table of Contents: <http://aip.scitation.org/toc/apc/1/1>, Published by the American Institute of Physics
- Hersh J. Noori, Azad H. Alshatteri and **Nabil A. Fakhre**, A Rapid, Accurate and Easy Method for Determination of Trace Elements in Lubricating Oil Using ICP-OES, *Journal of Garmin University, Conference Issue* (July, 2017).
- Chnar M. Rasheed • **Nabil A. Fakhre** and Mohamed Ibrahim, Simultaneous Determination of Enrofloxacin and Tylosin in Chicken Samples by Derivative Spectrophotometry, *Arab J Sci Eng*
DOI 10.1007/s13369-017-2745-2.
- **Nabil A. Fakhre** and Dashne M. Kokhasmail, Spectrophotometric Method for the Determination of Metronidazole in Pharmaceutical products based on the Formation of Azo dye, *Zanco* (accepted) 2017.
- Hemn A. Qader and **Nabil A. Fakhre**, Spectrophotometric Determination of Promethazine Hydrochloride in Pure and Pharmaceutical Dosage Forms, *Zanco* (accepted) 2017.
- Chnar M. Rashid and **Nabil A. Fakhre**, Derivative Spectroscopic Determination of Enrofloxacin and Tylosin in Some Natural Samples, th National Analytical Chemistry Congress, Süleyman Demirel University of Isparta, Turkey, May 30-June 3, 2016.
- Héro Farhad Salah, Chinar Muhammed Rashid, Pakhshan I. Aziz, **Nabil Adil Fakhre**, Antibacterial Activity and Phytochemical Analysis of a mixture of sweet green pepper and molasses dates, *Chemistry Research Journal*, 2016, 1(1):67-75.
- **Nabil A. Fakhre** and Rizgar H. Mohammad, Flow-injection spectrophotometric determination of chlorogenic acid in some natural samples, *Journal of Advances in Food Science & Technology*, Volume 3(3) 2016.
- **Nabil A. Fakhre** and Dashty K. Ali, Spectrophotometric Determination of cholesterol in human serum samples, Third international conference on ecology, environment and energy, Ishik University, Erbil, Iraq, 10-11 April 2016.

- Daryia Jalil and **Nabil A. Fakhre**, Extraction, identification and determination of di-(2-ethylhexyl) phthalate (DEHP) plasticizer in some stored blood bag samples using different spectroscopic techniques, Ibn- Alhaitham Journal for pure and Applied Science, Vol. 29(2), 2016.
- Hemn A. Qader and **Nabil A. Fakhre**, Spectrophotometric determination of amoxicillin trihydrate in pure and pharmaceutical dosage forms, Ibn- Alhaitham Journal for pure and Applied Science, Vol. 2(3), 2015.
- **Nabil A. Fakhre**, and Bnar M. Ibrahim, Derivative spectrometric determination of glucose and asparagines in potato samples, Second international conference on ecology, environment and energy, Ishik University, Erbil, Iraq, 12-13 April 2015.
- **Nabil A. Fakhre**, Fia - atomic absorption spectrometric determination of dichromate ion with crown ethers, Journal of Applied Chemical Science International, Vol. 2(1), 49-55, 2014.
- **Nabil A. Fakhre**, and Dashty K. Ali. First derivative spectrophotometric determination of cholesterol and triglyceride in serum samples. 27th Regional Symposium of Malaysia Analytical Sciences, 9th to 10th December 2014. Johor Bahru, Malaysia
- **Nabil A. Fakhre**, and Rizgar M. Hassan, flow-injection spectrophotometric determination of chlorogenic acid in some natural samples, 19th International Conference on Flow Injection Analysis in Fukuoka, Japan, from 30th November to 5th December 2014.
- **Nabil A. Fakhre**, and Bnar M. Ibrahim, Determination of Acrylamide in Potato Chips Samples using Different Analytical Techniques, Adv. Agric. Biol.1 (1), 2014: 50-53.
- **Nabil A. Fakhre**, Hemn A. Qader, Flow-Injection Spectrophotometric Determination of Nitrate in Wastewater Samples using Diazotization Coupling Reaction, App. Sci. Report. 3 (2), 2013: 125-131.
- **Nabil A. Fakhre**, Hemn A. Qader and Alaadin M. Naqishbandi, Second Derivative Spectrophotometric Determination of Cyclophosphamide in the Pharmaceutical Formulations, Afarican Journal of biotechnology, Vol. 12(46) 2013, 6532-6539.
- **Nabil A. Fakhre** and Dashty K. Ali, Determination of Iron (II), Iron (III) and Total Iron in Some β -Thalassemia Patients Using Different Analytical Techniques, J. Environmental Science and Engineering, No. 4, Vol. 5, 2013, 304-307.

- **Nabil A. Fakhre** and Mohammad S. abdullh, Flow injection and stopped flow spectrophotometric determination of dopamine hydrochloride, 1th ICFA conference, 15-20 Sept. 2013, Porto, Portugal
- **Nabil A. Fakhre**, Simultaneous qualitative and quantitative analysis of kerosene and gasoline using 1st, 2nd, 3rd and 4th derivative spectroscopy, 5th International Invention Fair in the Middle East, Nov. 19- 22, 2012 in Kuwait.
- **Nabil A. Fakhre**, Crown Ethers for flow-injection spectrophotometric determination of dichromate, 12th International Conference on Flow Injection Analysis, Sept. 23- 2, 2012 in Thessaloniki, Greece.
- Anwar O. Ghafoor, Hemn K. Qadir and **Nabil A. Fakhre**, Analysis of Phenolic Compounds in Extracts of Ziziphus spina-christi using RPHPLC Method, Journal of Chemical and Pharmaceutical Research, 2012, 4(6):315-3163.
- **Nabil A. Fakhre**, Performance of Quality Assurance System at the College of Education, University of Salahalddin, Erbil, Iraq, The 3rd Eurasian Silk Road Universities Convention of the ESRUC, Consortium from October 13 to 15, 2012 in Erzurum/Turkey by the host of Ataturk University.
- **Nabil A. Fakhre**, Quality Control of Some Water, Food, and Drug Samples in Erbil City, Iraq, 1st Winter Summit at the Anatolian Summit, Erzurum, Turkey 23- 26.Feb. 2012.
- Mohammad S. abdullh and **Nabil A. Fakhre**, Flow injection Spectrophotometric Determination of Folic Acid in Some Pharmaceutical Preparations using Diazotizing-Coupling Method has been accepted for presentation at the International scientific conference of Salahaddin University-Erbil (SU-ERBIL2011), which hold in Erbil, Kurdistan, IRAQ, on October 1-20, 2011.
- **Nabil A. Fakhre**, and Bnar M. Ibrahim, Determination of Acrylamide in Potato Chips Samples Using Different Analytical Techniques ICCE 2011 – ETH Zurich, Switzerland – 11-15 September.

- **Nabil A. Fakhre**, and Hemn K. Kadir , Separation, Identification and Determination of Triglycerides in Vegetable Oil Samples, Journal of Food Science and Engineering, 1 (2011) 13-190.
- **Nabil A. Fakhre**, and Mohammad S. Abdullah, On–line separation and preconcentration for histamine determination in fish meal using cation– exchanger resin, Journal of Food Science and Engineering, 1 (2011) 22-2.
- **Nabil A. Fakhre**, and Hemn K. Kadir , Studies on various physico- chemical characteristics of some vegetable oils, J. Environmental Science and Engineering, No. 4, Vol. 5, 2011.
- **Nabil A. Fakhre**, Solvent- extraction atomic-spectrophotometric determination of dichromate ion with crown ether, The Environmental Forensics Symposium at the Pacificchem 2010 Conference in Honolulu held on December 1th, 2010 at the Hawaii Convention Center, USA.
- **Nabil A. Fakhre**, and Hemn A. Qadir, Flow-injection spectrophotometric determination of nitrate in waste water samples using diazotization coupling reaction, 36th International Symposium on Environmental Analytical Chemistry” , 5-9 October 2010 – Auditorium Via Veneto – Rome (Italy).
- Chinar M. Rashid, Gargis M. Ali, **Nabil A. Fakhre**, and Sarmad B. Dikran Basic Simplex Program for Spectrophotometric Determination of Glucoseamine in Some Pharmaceutical Formulations, Zanco, Vol. 21, No.5, 123-130, 2009.
- Chinar M. Rashid, and **Nabil A. Fakhre**, Spectrophotometric determination of nitrite in curing meat samples basing on the nitosation reaction, Wasit J. for Science and Medicine, 1(2), 25- 34, 200.
- **Nabil A. Fakhre**, and Mohammad S. Abdulah, Batch and Flow Injection Spectrophotometric Determination of Histamine in Fish Meat Products Using p- Nitroaniline Reagent. 5th Black Sea Basin Conference on Analytical Chemistry, 23-26 Sept. 2009, Fatsa, Ordu, Turkey.
- **Nabil A. Fakhre**, and Mohammad S. Abdulah, Simultaneous determination of uric acid and dopamine in urine samples using derivative, 35th International Symposium of Environmental Analytical Chemistry, Gdansk, Poland, June 22- 26, 200.
- **Nabil A. Fakhre**, Moyad Q. Jalhum, Sarmad B. Dikran and Moin I. Al- Gbori, Flow-injection extraction spectrometric determination of permanganate using crown ethers, 14th International conference for Flow-Injection Analysis, Berlin, Germany, September 3-7, 2007.
- **Nabil A. Fakhre**, and Chinar H. Mohammad, Qualitative and quantitative analysis of ethanol in acetic acid using 3rd and 4th dervitative spectroscopy, The 9th international of Chemistry, Univ. of Al-Mansoura, Egypt, April 16-19, 2007.
- **Nabil A. Fakhre**, and Chinar H. Mohammad, Qualitative and quantitative analysis of ethanol in acetic acid using 1st, 2nd dervitative spectroscopy, Conference of Analytical Days, Sweden, June 12-15, 2006.
- **Nabil A. Fakhre**, and Chinar M. Rashid, Extraction- spectrophotometric determination of nitrate in polluted water and soil samples, International Conference of Environmental Analytical Chemistry, Germany, June 4-, 2006.
- **Nabil A. Fakhre**, Determination of Gasoline and kerosine in amixture using peak-to- peak derivative spectroscopic method, 1st European Chemistry Congress, 27- 31 August 2006, Budapest, Hungary.
- **Nabil A. Fakhre**, Chinar M. Rashid, Flow-injection spectrophotometric determination of nitrite and nitrate in water and soil samples, the th international Conference of Chemistry, Univ. of Al-Mansoura, Egypt, April 11-14, 2005
- **Nabil A. Fakhre**, Moyad Q. Jalhum, Sarmad B. Dikran and Moin I. Al- Gbori, Flow-injection extraction spectrophotometric determination of chromate ion with crown ether, 2nd Iraqi Conference-Babylon 25-27/12/2001.
- **Nabil A. Fakhre**, Moyad Q. Jalhum, Sarmad B. Dikran and Moin I. Al- Gbori, Flow-injection extraction atomic-spectroscopic determination of chromate ion with crown ether, 11th Arabic Chemists Conference, Aden, Yemen 6-/11/2000.

- **Nabil A. Fakhre**, and Media A. Hassan, Spectrophotometric determination of trace amounts of lead [II], Tikreet Univ. J. Science, (2001), 7(1), 7-14.
- **Nabil A. Fakhre**, and Media A. Hassan, Spectrophotometric microdetermination of mercury [II] with BIAHNA as chromogenic reagent, Iraq J. Sci. (2000), 4(3), 7-93.
- **Nabil A. Fakhre**, and Hikmat M. Rashid, Determination of trace amounts of cobalt by Flow-injection with spectrophotometric detection, Rafidain J. (2000), 11(3), 56-65.
- **Nabil A. Fakhre**, and Media A. Hassan, Spectrophotometric determination of palladium in synthetic sample, Zanco, (2000), 12(1), 35-44.
- **Nabil A. Fakhre**, and Media A. Hassan, Spectrophotometric determination of chromium [III] in the presence of lead, palladium and mercury, J. Ibn-Alhatham Pure and Applied Science, (1999), 5(2), 6-77.
- **Nabil A. Fakhre**, and Hikmat M. Rashid, Sensitive spectrophotometric determination of iron [III] in potable water with BIAHNA, Tikreet Univ. J. Science (1999), 4(1).
- **Nabil A. Fakhre**, and Hikmat M. Rashid, Flow-injection spectrophotometric determination of nitrite in meat, J. Dohuk Univ. (199), 1(2), 35-45.
- **Nabil A. Fakhre**, and Hikmat M. Rashid, Flow-injection spectrophotometric determination of iron [III] in potable water, Journal of Babylon Univ., (199), 3(3), 34-41.
- **Nabil A. Fakhre**, and Hikmat M. Rashid, Flow-injection spectrophotometric determination of iron [II] in pharmaceuticals with (BIAHNA), Al-Abhaath, (199), (2), 9-106.
- **Nabil A. Fakhre**, and Hikmat M. Rashid, New and direct spectrophotometric determination of iron [II] in pharmaceuticals, Zanco (1997), 3-4, 215-226.
- **Nabil A. Fakhre**, Ahmad A. Dezayi, and Hashim J. Aziz, Determination of nitrite in polluted potable water by diazotization-coupling method with 2-aminobenzothiazole-resorcinol, Zanco (1996), (1), 5-12.
- **Nabil A. Fakhre**, Ahmad A. Dezayi, and Azad S. Sadradin, Indirect spectrophotometric determination of iodide in table salt. The J. of the College of Education, Univ. of Salahaddin (1994), 4(4), 13-20.
- **Nabil A. Fakhre**, Sarmad B. Dikran, and Ahmad A. Dezayi, Spectrophotometric determination of nitrite in tap water. Zanco (1993), 5(3), 21-2.
- Sarmad B. Dikran, **Nabil A. Fakhre**, Ahmad A. Dezayi, and Shirwan O. Baban, Flow-injection spectrophotometric determination of nickel using (BIHNA). Al-Mustansiriyah J. of Science, (1991), 3(1), 41-4.
- **Nabil A. Fakhre**, and Sarmad B. Dikran, Spectrophotometric determination of cobalt and nickel with 1-[2-Benzomidazolyl azo]2-hydroxy-3-naphthoic acid, J. of the College of Education, Univ. of Salahaddin (1990), 2[3], 233-240.
- Hussain A. Salh, Sarmad B. Dikran, **Nabil A. Fakhre**, and Ahmad A. al- Kadimi, Spectroscopic behaviour of 1-[2-benzothiazolyl-azo-3-[4-hydroxy dibenzofuran] and its complexes with Zn^{2+} , Cu^{2+} , Ni^{2+} , Co^{2+} , and Mn^{2+} , J. of the College of Education, Univ. of Salahaddin (1990), 2(2), 121-12.
- **Nabil A. Fakhre**, and Samir A. Rahim, A selective spectrophotometric method for determination of copper in aqueous solution, The J. of Education and Science, Univ. of Mosul (199), , -14.
- **Nabil A. Fakhre**, Sarmad B. Dikran, Hussain A. Salh and Ahmad A. al- Kadimi, 1, 2-Benzomidazolyl azo-2-hydroxy-3-naphthoic acid as a reagent for spectrophotometric determination of copper in aqueous solution, The J. of the College of Education, Univ. of Salahaddin (199), 1, 19-30.
- **Nabil A. Fakhre**, Sarmad B. dikran, Nooraddin I. Abdullah and Samir A. Rahim, Indirect spectrophotometric determination of S^{-2} , Cr^{+6} , Bi^{+3} , MnO_4^- , NO_2^- , EDTA, 3-chloroperbenzoic acid and picolinoly hydrazine in aqueous solution, Zanco, (199), 2(1), 79-9.
- Hassanin A. Rashid, Sarmad B. Dikran and **Nabil A. Fakhre**, Chromatographic separation and characterization of mono-, di-, and triaromatic hydrocarbons. Fule Science and Technology International, (199), 7(3), 21-292.
- Hassanin A. Rashid, **Nabil A. Fakhre**, and Sarmad B. Dikran, Determination of several physical properties of light petroleum products using IR., Fule Science and Technology International, (199), 7(3), 237-250.

- **Nabil A. Fakhre**, Wadalah A. Bashir, and Samir A. Rahim, Indole as a chromogenic reagent for traces of nitrate in aqueous solution, International Journal of Environment Anal, Chem. 193, Vol, 00, pp. 000-00.
- Samir A. Rahim, Wadalah A. Bashir and **Nabil A. Fakhre**, Indole as a reagent for nitrite in aqueous solution, Microchemical J. (193), 2, 479-44.

PATENTS

1. **Nabil A. Fakhre**, Simultaneous qualitative and quantitative analysis of kerosene and gasoline using 1st, 2nd, 3rd and 4th derivative spectroscopy.
2. **Nabil A. Fakhre**, First derivative spectra for determination of water and ethanol in a mixture using peak-base line and peak to peak technique.

AUTHORED BOOKS

- 1- Environmental Applications of Instrumental Chemical Analysis

Chapter 10, 2015 by Apple Academic Press, Inc.

- 2- Science of Metal Corrosion and Its Important (in Kurdish Language)

<http://www.isbniraq.org/?product=%D%B2%D%A7%D9%6%D%B3%D%AA%D9%9-%D%AF%D%A7%D%AE%D9%9%D%B1%D%A7%D9%6%D9%9-%D9%3%D%A7%D9%6%D%B2%D%A7%D9%3%D%A7%D9%6-%D9%-%DA%AF%D%B1%D9%6%DA%AF%DB%C%DB%95%DA%A9%DB%95%DB%C>

TRANSLATED BOOKS

- 1- Organic Analysis using Ion-Selective Electrode. Vol.1. Methodology.

T. S. Ma and S. S. M. Hassan.

- 2- Organic Analysis using Ion-Selective Electrode. Vol. 2. Applications.

T. S. Ma and S. S. M. Hassan.

- 3- Calculations in Analytical Chemistry.

O. Fernando M. Dryan.

- 4- Analytical Chemistry Practice

J. Kennedy.

Conferences and courses attended

- PISA APPRAIS WORKSHOP March 15-17- 2022
- APPRAIS ERBIL WORKSHOP Nov. 20-30- 2021

- Staff Training Mobility in the framework of Erasmus+ “International Credit Mobility” program, from October, 1th to October, 22nd 2021.
- MEDLAB 201, which takes place from 05 - 0 February 201.
- International Conference on Science and Education (IConSE) October 26-29, 2017, Antalya, Turkey
- Fourth international conference on ecology, environment and energy, Ishik University, Erbil, Iraq, 10-11 April 2017.
- 8th National Analytical Chemistry Congress, Süleyman Demirel University of Isparta, Turkey, May 30-June 3, 2016.
- Third international conference on ecology, environment and energy, Ishik University, Erbil, Iraq, 10-11 April 2016 (as speaker and session chair)
- Second international conference on ecology, environment and energy, Ishik University, Erbil, Iraq, 12-13 April 2015 (as speaker and session chair)
- 27th Regional Symposium of Malaysia Analytical Sciences, 9th to 10th December 2014. Johor Bahru, Malaysia
- 19th International Conference on Flow Injection Analysis in Fukuoka, Japan, from 30th November to 5th December.
- 1th ICFA conference, 15-20 Sept.2013, Porto, Portugal.
- **The Second International Symposium on "Analytical Chemistry for a Sustainable Development"- ACS D 2013- 7-9 May, 2013 Marrakech – Morocco (Supported by CRDF Global organization) .**
- 4th International Visible Conference on Educational Sciences, Ishik University, Erbil, Iraq, 12-14 April 2013 (as a session chair).
- **5th International Invention Fair in the Middle East, Nov. 19- 22, 2012 in Kuwait. (I WAS AWARDED HONOR GOLD MEDAL)**
- The 3rd Eurasian Silk Road Universities Convention of the ESRUC, Consortium from October 13 to 15, 2012 in Erzurum/Turkey by the host of Ataturk University.
- 12th International Conference on Flow Injection Analysis, Sept. 23- 2, 2012 in Thessaloniki, Greec.
- The Mimar Sinan International Project Olympics that will be held in October 15-1, 2012 in Trabzon, Turkey.
- 3rd International Visible conference on New trends in Education, Ishik University, Erbil, Iraq, 14, April 2012 (as a session chair).
- 1st Winter Summit at the Anatolian Summit, Erzurum, Turkey 23- 26.Feb. 2012.
- **Workshop on quality assurance, University of Coventry, UK, 20- 24 February 2012.**
- International Scientific Conference of Salahaddin University-Erbil (SU-ERBIL2011), which hold in Erbil, Kurdistan, IRAQ, on October 1-20, 2011.
- ICCE 2011 – ETH Zurich, Switzerland – 11-15 September, 2011.
- 7th Summer School of Environmental Chemistry and Ecotoxicology, 27.06 – 02. 07. 2011, RECETOX, Masaryk University, Brno, Czech Republic.
- 2nd International Visible conference on New trends in Education, Ishik University, Erbil, Iraq 16-17 April 2011.
- International Year of Chemistry, 27-2 Jan., 2011, Paris, France.
- The Environmental Forensics Symposium at the Pacificchem 2010 Conference in Honolulu, December 1th, 2010 at the Hawaii Convention Center, USA.
- 36th International Symposium on Environmental Analytical Chemistry, 5-9 October 2010 – Auditorium Via Veneto – Rome (Italy).
- Conference of Analytical Days, Uppsala, Sweden, June 14-16, 2010.

- 5th Black Sea Basin Conference on Analytical Chemistry, 23-26 Sept. 2009, Fatsa, Ordu, Turkey.
- 35th International Symposium of Environmental Analytical Chemistry, Gdansk, Poland, June 22-26, 200.
- 14th International conference for Flow-Injection Analysis, Berlin, Germany, September 3-7, 2007.
- The 9th international of Chemistry, Univ. of Al-Mansoura, Egypt, April 16-19, 2007.
- 34th International Symposium of Environmental Analytical Chemistry, Hamburg, Germany, June 4-, 2006.
- Conference of Analytical Days, Sweden, June 12-15, 2006.
- Environmental conference, Dohuke, Iraq, March 19-21, 2006
- The th international of Chemistry, Univ. of Al-Mansoura, Egypt, April 11-14, 2005.
- First Arabic Meeting for Translation, Lebanon, September 25-27, 2005.
- Second Arabic Meeting for Education and Learning, Lebanon, September 2-30, 2005.
- **Sabbatical leave at University of Vienna-Austria 01.05-01.10.2004.**
- The 2nd National Iraqi Conference of Chemistry, Babylon, December 25-27, 2001.
- The 9th Iraqi patent fair, Baghdad, December, 2001.
- The 11th Conference of Arabic Chemist, Aden 6- November 2000.
- The 2nd Scientific Conference- College of Science, University of Baghdad 22-24.03.1999.
- The 3rd Scientific Conference of the University of Babylon 26-2 April 1997.
- The 3rd Scientific Conference of the University of Salahaddin 1997.
- The 2nd Scientific Conference of the University of Salahaddin 1993.
- A spectroscopic short course, College of Science, University of Mosul 194.

Funding and academic awards

- List any bursaries, scholarships, travel grants or other sources of funding that you were awarded for research projects or to attend meetings or conferences.

Professional memberships

- 1983-2001 member of Iraqi Chemical Society.
- 2000- till now member of Kurdistan Chemical Society.
- 2011- till now member of Arabia Saudi Chemical Society.
- Member in the Scientific Committee coordinate with UNESCO.
- As a lecture in spectroscopic course-Duhok, organized by WHO.

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