

## CURRICULUM VITAE

### Personal Information **معلومات شخصية**

Name: Safwan Moh'd Abdel-Hamid Fraihat  
Date and place of Birth: 2-1-1970 Jordan-Jerash  
Nationality: Jordanian Passport number: N 997394  
Status: Married Gender: Male  
Religion: Muslim

### Academic Qualification **المؤهلات الأكاديمية**

PhD in Analytical Chemistry KFUPM 2007  
MSc. Chemistry Yarmouk University 1996  
BSc. Chemistry Yarmouk University 1992  
High School Jordan ministry of education 1988

### Educational Experience **الخبرات التدريسية**

Lecturer at KFUPM Chemistry department 2004-2007  
Lecturer at Al-Isra University-college of pharmacy/Jordan 1999-2003  
Teaching and research assistant at Yarmouk University-Chemistry Department 1989-1992  
Assistant Professor in Chemistry department at Hail University (2007-2009)  
Assistant professor at Jordan University 2009-2012  
Assistant Professor at Chemistry department, Al Jouf University (2012-2017)  
Assistant Professor at Chemistry department, The University of Jordan (2018-now)

### Courses Taught **المقررات التي درست سابقا**

General Chemistry	Analytical chemistry
Statistical Analysis	Instrumental Analysis
Electroanalytical Chemistry	Separation and Chromatography
Industrial Analysis	Environmental chemical Analysis

### Current Job **الوظيفة الحالية**

Assistant Professor at Chemistry department-The University of Jordan (2018-now)

### International publications **أبحاث منشورة عالميا**

- 1- Green methods for the determination of nitrite in water samples based on a novel diazo coupling reaction. *Green Processing and Synthesis*. Vol. 6 (4) (2016)
- 2- New Extractive Colorimetric Method for the Assay of Gentamicin and Streptomycin using Ion-pair Association Complexes.  
*Eurasian Journal of Analytical Chemistry*. 10 (3) (2015)180-186.
- 3- Normal coordinate analysis, molecular structure, vibrational, electronic spectra and NMR investigation of 4- amino-3-phenyl-1H-1,2,4- triazole-5(4H)-thione by ab initio HF and DFT method. *Spectrochimica acta Part A: Molecular and biomolecular spectroscopy*.vol. 135 (2015) 1145-1155
- 4- Kinetic Spectrophotometric Methods for the determination of Gentamicin in pharmaceutical Forms.

*International Journal of Pharmacy and Pharmaceutical Sciences* 7 (6), 2015.

- 5- A sequential injection system for spectrophotometric determination of Ketoconazole  
*Maejo Int. J. Sci. Technol.* 2014, 8(03), 232-239
- 6- Spectrophotometric methods for the determination of Tadalafil in pharmaceutical forms  
*International Journal of Pharmacy and Pharmaceutical Sciences* 6 (7) 2014.
- 7- A spectrophotometric methods for the determination of Ketoconazole in pharmaceutical forms. *Tropicana Journal of pharmaceutical research.* 13(9), 2014, 1319-1326
- 8- Spectrophotometric Determination of Tolterodine Tartrate via Charge-Transfer Complexation Reactions. *Journal of Chemical Society of Pakistan* 35, (2), 2013, 333-337.
- 9- Indirect Spectrophotometric Determination of Tolterodine Tartrate in Pure and Pharmaceutical Preparation. *Asian Journal of Chemistry*; 25, (4) (2013), 1887-1890.
- 10- Differential Electrolytic Potentiometry: A Detector for Flow Injection/Sequential Analysis in Complexation Reactions *Asian Journal of Chemistry*; 24, (11) (2012), 4847-4850.
- 11- Differential Electrolytic Potentiometry a Detector in Flow Injection Analysis for Cyanide Determination. *Journal of Materials Science and Engineering A 1* (2011) 248-252.
- 12- Differential Electrolytic Potentiometric, a detector for FIA Determination of Procainamide in Pharmaceutical Preparations  
*Journal of Chemistry and Chemical Engineering*, (2010) 4,(2) 7-12.
- 13- Flow Injection Determination of Vitamin C in Pharmaceutical Preparations by Differential Electrolytic Potentiometry  
*Journal of Flow Injection Analysis* 26, (2) (2009) 121–125.
- 14- Conductance and Thermodynamic Study of the Interaction of Some Transition and Heavy Metals with Phenyl-aza-15-crown-5 (PhA15C5) in Different Binary Acetonitrile-Water Solvent Mixtures  
*Journal of Inclusion Phenomena and Macrocyclic Chemistry* 33, (1), 1999.
- 14- Spectrophotometric Sequential Injection Analysis for determination of cyanide  
*Journal of Flow Injection Analysis*, 24, 17-21 (2007).
- 15- Differential electrolytic Potentiometry Sequential injection analysis for determination of vitamin C : *Journal of Flow Injection Analysis*, 26, No. 2 (2009) 121–125.
- 16- Indirect spectrophotometric determination of Tadalafil. *Discovery*, 22, (73), 2014, 45.
- 16- New Spectrophotometric Method for the Determination of Streptomycin in Pharmaceutical Preparations.  
*International Journal of Chemical and Environmental Engineering* 5 (4) 2014, 261-263.
- 17- Simple Spectrophotometric Methods for Determination of Tolterodine Tartrate in Pharmaceutical Forms. *International Journal of Chem Tech Research.* .8 (6) 2015, 665-669.

18-Simultaneous determination of piroxicam and norfloxacin in biological fluids by high-performance liquid chromatography with fluorescence detection at zero-order emission mode. *Luminescence*, **34 (6) 2019**, 644-650.

19- Micellar Enhanced Synchronous Fluorescence for the Assay of Sumatriptan Succinate in Pharmaceutical Tablets. *International Journal of Applied Pharmaceutics* 11, (2), **2019**.

20- Development and validation of spectrophotometric and spectrofluorimetric methods for the determination of cilnidipine. *Tropical Journal of Pharmaceutical Research*, , 19(7): 1503-1509 **2020**.

#### **International Conferences: مؤتمرات عالمية**

1- Differential electrolytic Potentiometry Sequential injection analysis determination of Lansoprazole and Pantoprazole. Eurasia Conference on Chemical Sciences-11 **6-10 October 2010, The Dead Sea – Jordan**

2- 6th BLACK SEA BASIN CONFERENCE ON ANALYTICAL CHEMISTRY (6BBCAC) Karadeniz Technical University Trabzon, Turkey. 10-14/Sept/**2013**

3- Third International conference on Chemical and Biological Processes (ICCBP-2014) United Arab Emirates, Dubai. 19-21/12/**2014**

4- 12<sup>th</sup> International Conference on Chemistry and its Role in Development (ICCRD'12) Egypt-Mansoura -Sharm El-Sheikh 16-20 March **2015**

5- Extractive spectrophotometric determination of Tolterodine tartrate in pure and pharmaceutical forms. 2014 4<sup>th</sup> International Conference on environmental science and engineering *IPCBE* vol. **68 (2014) pg 45**.

6- New Spectrophotometric Method for the Determination of Nitrite in Aqueous samples.

Egyptian Third International Conference in Chemistry and sustainable Development. Egyptian Chemical Society Egypt- Gardaga. 16-19 Nov. **2015**.

#### **Editorial Board and reviewer :**

1- A member of Editorial Board and a reviewer of (Pakistan Journal of analytical and Environmental Chemistry),

2- A member of Editorial Board and a reviewer of (International Journal of Chemical and Pharmaceutical Research).

#### **Awards: الجوائز**

جائزة التميز البحثي وجودة النشر العلمي لعامين دراسيين- جامعة الجوف

Google scholar link

<https://scholar.google.com/citations?hl=en&user=zh8-HA0AAAAJ>

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