|  |  |
| --- | --- |
| **Curriculum Vitae** **Omar Abdulhay Mohammed Sheej Ahmad****PhD, Lecturer****Department of Chemistry, College of Education for Pure Sciences, University of Mosul, Mosul, IRAQ** |  |
|  |
| **Personal Information** |
| * **Name**
 | **Omar Abdulhay Mohammed Sheej Ahmad** |
| * **Dare of Birth**
 | **11/04/1979** |
| * **Place of Birth**
 | **Mosul/ Iraq** |
| * **Gender**
 | **Male** |
| * **Nationality**
 | **Iraqi** |
| * **Marital Status**
 | **Married** |
| * **No. of Children**
 | **5 kids** |
| * **Cell phone No.**
 | **009647731009114** |
|  |
| **Academic Information** |
| * **Scientific Title**
 | **Lecturer** |
| * **Scientific Dept.**
 | **Department of Chemistry,** **College of Education for Pure Sciences, University of Mosul** |
| * **General specialty**
 | **Chemistry** |
| * **Specific specialty**
 | **Analytical Chemistry** |
| * **Email**
 | **Dr.omar1979@uomosul.edu.iq****,** **osa14@le.ac.uk****,** **o.altaee@yahoo.com****, biothechnology1979@gmail.com** |
| * **Research Gate**
 | <https://www.researchgate.net/profile/Omar_Sheej_Ahmad2?ev=hdr_xprf&_sg=ZFfE0sRzaZ9603a0IGi2WWkGWMOqYdmzclobbgX-qi5KnglB3o6yfaiFykxFb2XsaPqEjPBF_bJD9IGq-WcYqn4O> |
| * **Google Scholar**
 | <https://scholar.google.co.uk/citations?user=w2_4OtoAAAAJ&hl=ar> |
| * **ORCID**
 | **https://orcid.org/0000-0001-5511-2315** |
| **Education** |
| **Degree** | **Year** | **Major** | **University**  |
| * **PhD**
 | **2019** | **Analytical Chemistry** | **College of Science and Engineering — University of Leicester-UK** |
| * **MSc**
 | **2004** | **Analytical Chemistry** | **College of Education- University of Mosul-Iraq** |
| * **Bachelor**
 | **2001** | **Chemistry** | **College of Education- University of Mosul-Iraq** |
|  |
| **Scientific titles** |
| * **Lecturer**
 | **2006/02/19** |
| * **Assistant Lect.**
 | **2012/02/09** |
|  |
| **Scientific and Administrative Experiences** |

|  |  |  |
| --- | --- | --- |
| **Ministry of Education-Iraq** | **2005-2006** | **Secondary School** |
| **College of Basic Education-Mosul University-Iraq** | **2006-2007** | **Mosul University-Iraq** |
| **College of Education for Pure Science-Mosul University-Iraq** | **207- until now** | **Mosul University-Iraq** |

|  |
| --- |
|  |
| **Teaching Activities** |
| * **Practical Analytical Chemistry, 3rd year, Science Dept., College of Basic Education.**
* **Soil Chemistry, 3rd year, Science Dept., College of Basic Education.**
* **Practical Analytical Chemistry, 2ed year, Chemistry Dept., College of Education for Pure Science.**
* **Practical Analytical Chemistry, 1st year, Biological Dept., College of Education for Pure Science.**
* **Theoretical Analytical Chemistry, 1st year, Chemistry Dept., College of Education for Pure Science.**
 |
|  |
| **Peer-reviewed Publications** |
| • Spectrophotometric determination of amino acid using charge transfer complexes reaction and TCNE as a reagent in aqueous solution, J. Educ. Sci., 2008, 21, 49-55.• Spectrophotometric determination of trifluoperazine via oxidative coupling reaction with sulfanilic acid, (J. Edu. & Sci., 2010, 23(1), 6-14).• Spectrophotometric determination of Sulfacetamide and Sulfamethaxazole in aqueous solution using Tetracyanoethylene reagent. (J. Edu. & Sci., 2012, 25(4), 47-59). • Application of chloranil and fluoranil π- acceptors for the spectrophotometric determination of mesalamine in pharmaceuticals, Eur. Chem. Bull., 2014, 3(4), 377-383.• New potentiometric sensor based on molecularly imprinted nanoparticles for cocaine detection. (Biosensors and Bioelectronics, 2017, 96, 49–54).• Molecularly Imprinted Polymers in Electrochemical and Optical Sensors. (Trends in biotechnology 2019, 37, 3, 294-309).• Generic sensor platform based on electro-responsive molecularly imprinted polymer nanoparticles (e-NanoMIPs) (submitted patent with application number1809276.7).• Electrochemical sensor based on electroactive molecularly imprinted polymer nanoparticles (EMIP). In preparation to submit in Nature protocol.• Direct detection of small molecules using a nano-molecular imprinted polymer receptor and a quartz crystal resonator driven at a fixed frequency and amplitude. (submitted paper to biosensor bioelectronics journal.  |
| **Scientific Conferences and Symposiums** |
| • 2nd International scientific conference of the Faculty of Chemistry, University of Mosul, 2012, Mosul, Iraq.• 6th. Black sea basin conference on Analytical chemistry, 2013, Trabzon, Turkey.• BioTech 2017, 2017, Zurich University of Applied Sciences (ZHAW), Zurich, Switzerland.• 5th International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST 2019), to be held in Sakarya, TURKEY, 25-29 October 2019. |
| **Associations** |
| * **Royal Society of Chemistry in the UK with membership number 670033.**
 |