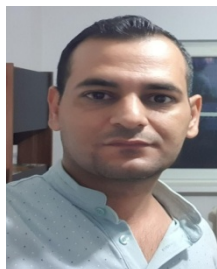


## PERSONAL INFORMATION



Name: HUSSEIN MAHDI SALIH AL-AANI

Date of birth: 14 February 1985

Nationality: Iraqi

✉ husseinmahdi142@yahoo.com

Sex: Male

Marital Status: single

## STUDIES APPLIED FOR

Chemistry

## EDUCATION

01/10/2016 – Present

**PhD in Chemistry**

Faculty of Chemistry, University of Bucharest, Bucharest (Romania)

Research title: TRANSITION-METAL-CONTAINING LDH-DERIVED MIXED OXIDES AS CATALYSTS FOR METHANE COMBUSTION.

01/10/2008 – 06/03/2011

**M.Sc. in Chemistry**

(Iraq).  
University of Baghdad / Faculty of Education / Ibn AL-Haitham, Baghdad

Research title: "Synthesis and study of ligands Containing (S,N) atoms and their metal complexes".

01/10/2004–15/07/2008

**B.Sc. in Chemistry**

(Iraq).  
University of Baghdad / Faculty of Education / Ibn AL-Haitham, Baghdad

## Research published

H.M.S. Al-Aani, E. Iro, P. Chirra, I. Fechete, M. Badea, C. Negrilă, I. Popescu, M. Olea, I.-C. Marcu, „Cu<sub>x</sub>CeMgAlO mixed oxide catalysts derived from multicationic LDH precursors for methane total oxidation” *Appl. Catal. A* 586 (2019) 117215 (DOI: 10.1016/j.apcata.2019.117215).

H.M.S. Al-Aani, M.M. Trandafir, I. Fechete, L.N. Leonat, M. Badea, C. Negrilă, I. Popescu, M. Florea, I.-C. Marcu, „Highly active transition-metal-promoted CuCeMgAlO mixed oxide catalysts obtained from multicationic LDH precursors for the total oxidation of methane”, *Catalysts* 10 (2020) 613 (DOI: 10.3390/catal10060613)

Ali Talib Abood, Obaida Amer Abdul Hussein, Muhammad Hameed Al-Timimi, Mustafa Zaid Abdullah, Hussein Mahdi S. Al Aani, Widad H. Albanda, Structural and optical properties of nanocrystalline SnO<sub>2</sub> thin films growth by electron beam evaporation, AIP Conference Proceedings 2213, 020036 (2020); DOI: 10.1063/5.0000454.

## Conferences

31/10/ – 03/11/2018 Cu<sub>x</sub>CeMgAlO mixed oxide catalysts derived from multicationic LDH precursors for methane total oxidation, National Conference of Doctoral Schools of the Universitaria Consortium, 31 October – 3 November 2018, Iași, Romania (oral).

27-29/06/2018 Mixed Cu / Ce / Mg / Al oxides from hydrotalcite precursors for the catalytic combustion of methane, 10th Franco-Romanian Symposium on Applied Chemistry (CoFrRoCA 2018), June 27-29, 2018, Bacău, Romania (oral - key note).

4-7/09/2019 Transition-metal-promoted CuCeMgAlO mixed oxide catalysts obtained from multicationic LDH precursors for methane total oxidation, 21<sup>st</sup> Romanian International Conference on Chemistry and Chemical Engineering (RICCCE 21), September 4-7, 2019, Mamaia, Romania (oral - keynote).

## Training Courses

06 –10/05/2012 FT-IR Spectroscopy  
Ministry of Science and Technology / Environment and Water Department,  
Baghdad (Iraq).

06 –17/01/2013 Inevitable first aid  
Ministry of Science and Technology/ Training Department, Baghdad (Iraq).

05-16/05/2013 Corrosion test methods  
Ministry of Science and Technology/Materials Research department,  
Baghdad (Iraq).

24 –27/03/2013 Awareness workshop in the field of electronic governance  
Ministry of Science and Technology / Information Technology Department,  
Baghdad (Iraq).

15–26/06/2014 The use of nanomaterials and their impact on the development of the petroleum and petrochemical industry.  
Ministry of Science and Technology/Materials Research department,  
Baghdad (Iraq).

### **Place and date of work**

31/07/2011

Chemist

Ministry of Science and Technology

Baghdad / Al Jadriya, Baghdad (Iraq)

<http://moheer.gov.iq>

### **Languages**

Native Arabic Speaker.

English Language: good

Romanian Language: basic

### **WORK EXPERIENCE**

- 1-Using an optical microscope.
- 2- Measuring the samples with conductivity and acidity.
- 3- Work with a model smoothing device.
- 4- Working with a corrosion test device.
- 5- Use your computer well with Word and Excel programs.

