

CURRICULUM VITAE

Prof. Mahmoud Omari

1- Informations Personnelles

Prénom : Mahmoud
Nom : OMARI
E-mail : m2omari@yahoo.fr
Date et lieu de naissance : 26 / 09/ 1963

2- Education / Qualifications

1986-1989 : Doctorat en Spectrochimie, Université de Lille1, Lille - France.
1985-1986 : DEA en Spectrochimie, Université de Lille1, Lille -France.
1981-1985 : DES en Chimie physique, Université de Batna - Algérie-.

3- Expérience

- Maître assistant chargé de cours Université de Biskra - Algérie- 1989-2000
- Maître de conférences Université de Biskra - Algérie- 2000-2005
- Professeur Université de Biskra - Algérie- 2005-présent

4- JCR articles, H Index, ...

- H-index: 17.
- 583 citations
- Google scholar link : <https://scholar.google.fr/citations?user=RtZYTgcAAAAJ&hl=fr>
- ORCID Number : <https://orcid.org/0000-0001-9472-658X>
- 44 Publications
- 11 Thèses de magisters encadrées.
- 15 Thèses de doctorats encadrées.

5- Expérience pédagogique

1989-présent Enseignement des modules:

- Chimie générale
- Thermodynamique chimique
- Chimie minérale
- Cinétique Chimique
- Chimie analytique
- Electrochimie
- Cristalochimie

6- Publications Majeures

- 1- E. Omari, M. Omari, $Gd_{1-x}FeO_3$ perovskite oxides for catalyzing oxygen evolution reaction via A-site cation deficiency in alkaline media, *Ceramics International*, in press, doi.org/10.1016/j.ceramint.2024.04.285, 2024.
- 2- Y. Khreif, M. Omari, S. Makhloufi, Synthesis and catalytic properties of Ni-doped $NdFeO_3$, *Inorganica Chimica Acta*, 566, 122028, 2024.
- 3- F. Hadji, M. Omari, M. Mebarki, Boosting the electrocatalytic activity of lanthanum cobaltite ceramic through Zn doping for the oxygen evolution reaction, *Ceramics International*, 49, 25405-25413, 2023
- 4- F. Hadji, M. Omari, M. Mebarki, N. Gabouze, A. Layadi, Zinc doping effect on the structural and electrochemical properties of $LaCoO_3$ perovskite as a material for hybrid supercapacitor electrodes, *Journal of Alloys and Compounds*, 942, 169047, 2023.
- 5- E. Omari, M. Omari, Enhanced Catalytic activity of $NdFeO_3$ perovskite by tuning A-site deficiency for oxygen evolution reaction, *International Journal of Hydrogen Energy*, 47 (32), 14542, 2022.
- 6- J. Hammouche, M. Gaidi, S. Columbus, M. Omari, Enhanced Photocatalytic Performance of Zinc Ferrite Nanocomposites for Degrading Methylene Blue: Effect of Nickel Doping Concentration, *Journal of Inorganic and Organometallic Polymers and Materials*, 31, 3496, 2021.
- 7- W. Tibermacine, M. Omari, Synthesis and Electrochemical Characterization of Fe-Doped $NiAl_2O_4$ Oxides, *Advances in Renewable Hydrogen and Other Sustainable Energy Carriers*, Springer, Singapore, 33-39, 2021.
- 8- E. Omari, M. Omari, Synthesis and electrocatalytic properties of $LaFe_{1-x}Zn_xO_3$ perovskites, *Journal of Sol-Gel Science and Technology*, 96 (1), 219, 2020.
- 9- E. Omari, M. Omari, Cu-doped $GdFeO_3$ perovskites as electrocatalysts for the oxygen evolution reaction in alkaline media, *International Journal of Hydrogen Energy*, 44 (54), 28769, 2019.
- 10- S. Makhloufi, E. Omari, M. Omari, Synthesis, characterization, and electrocatalytic properties of $La_{0.9}Sr_{0.1}Cr_{1-x}Co_xO_3$ perovskite oxides, *Journal of the Australian Ceramic Society*, 55 (1), 1, 2019.

11-E. Omari, M. Omari, D. Barkat, Oxygen evolution reaction over copper and zinc co-doped LaFeO₃ perovskite oxides, Polyhedron, 156, 116, 2018.

7- Langues

English: Bien; French: Très bien.

8- Compétences informatiques

Maîtrise des outils Microsoft Office (Word, PowerPoint, Excel).