

CURRICULUM VITAE

Personal information

- *Personal*
 - Dr Foughali Lazhar
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Education

- **Ph.D.'s degree** in material sciences ceramics University of Constantine 1 - Algeria.
- **Magister's degree** in . material sciences ceramics University of Constantine 1 - Algeria.
- **D E S 's degree** in metallurgy University Constantine 1 - Algeria.

Functions and Affiliations

- **Professor**, Institute of Technology. University of Larbi Ben M'Hidi, Oum El Bouaghi - Algeria.

Teaching modules

- material properties
- industrial physics
- applied physics

International publications

- **Efficiency improvement of CIGS solar cells using RF sputtered TCO/Ag/TCO thin-film as prospective buffer layer**

K. Kacha , F. Djeflal , H. Ferhati , **L. Foughali** , A. Bendjerad , A. Benhaya , A. Saidi
Ceramics International Volume 48, Issue 14, 15 July 2022, Pages 20194-20200

- **Highly-detective tunable band-selective photodetector based on RF sputtered amorphous SiC thin-film: Effect of sputtering power**

H. Ferhati , F. Djeflal , A. Bendjerad, **L. Foughali**, A. Benhaya , A. Saidi Journal of Alloys and Compounds Volume 907, 25 June 2022, 164464

- **Preparation and properties of tubular macroporous ceramic membrane supports based on natural quartz sand and dolomite**

C Kadiri, A Harabi, F Bouzerara, L **Foughali**, N Brihi... - Journal of the Australian Ceramic Society, 2020

-* Effect of ZrO₂ additions on densification and mechanical properties of modified resistant porcelains using economic raw materials

I Serragdj, A Harabi, S Kasrani, L **Foughali**, N Karboua - Journal of the Australian Ceramic Society, 2019

- * Effect of TiO₂ additions on densification and mechanical properties of new multifunction resistant porcelains using economic raw materials

A Harabi, S Kasrani, L **Foughali**, I Serradj... - Ceramics International, 2017

Interests and Qualifications

— Interests: material sciences, ceramics industry