


Sabrina IAICHE

Lecturer class –A- at the Abbes
Laghrou University of Khenchela

PROFILE

 Khenchela - Algérie

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LANGUAGES

Arabic 

French 

English 









FORMATION

2020

Khenchela – Algeria,

DIPLOMA of Habilitation to Direct Research (HDR) in Physics.

Abbes Laghrou University of Khenchela

2016

OEB – Algeria,

DIPLOMA of Doctorate of Science in Physics, "Materials Sciences" option.

Larbi BEN MHIDI University – Oum El Bouaghi

2002

Constantine – Algeria,

Magister's DIPLOMA in Solid State Physics, "Metallurgy" option.

MENTOURI 1 University – Constantine

1999

Constantine – Algeria,

DIPLOMA of Higher Studies (DES) in Solid State Physics.

MENTOURI 1 University – Constantine

1995

Constantine – Algeria,

DIPLOMA of Baccalaureate Diploma in "Exact

Lycée Ahmed BEY– Constantine

TEACHING

M'Hamed BOUGUERRA University, Boumerdes

Position held

- ***Research Teacher*** Déc. 2002 – Déc. 2004

Abbes LAGHROUR University, Khenchela

Position held

- ***Research Teacher as Lecturer -A-*** Déc. 2004 – Prés.

➔ **2023** • A. Aboudi, **S. Iaiche**, A. Djelloul, A. Chala, F. Kezzoula, F. Bensouici, M. Boudina and M. Humayun, '**Effect of fluoric acid concentration on the structural, optical, and photocatalytic properties of TiO₂ thin films**', *Inorganic Chemistry Communications*, Volume 155, September 2023, 111073. <https://doi.org/10.1016/j.inoche.2023.111073>.

2023 • S. Besra, K. Belakroum, **S. Iaiche**, D. Aouf, Y. Rahmani, H. Belkhalifa and A. Henni, '**Facile synthesis and characterization of ZnO:Al/ZnS/NiO heterojunction thin films with enhanced photocatalytic activities**', *Solid State Sciences*, 143 (2023) 107282. <https://doi.org/10.1016/j.solidstatesciences.2023.107282>.

2023 • W. Serbout, F. Bensouici, O. Meglali, **S. Iaiche**, M. Boudina, S. Bellucci and M. Humayun, '**Fabrication of ordered layered SnO₂/TiO₂ heterostructures and their photocatalytic performance for methyl blue degradation**', *Environmental Science and Pollution Research*, June 2023. <https://doi.org/10.1007/s11356-023-28451-7>.

2023 • H. Behtoun, L. Hadjeris, **S. Iaiche** and T-O. Diab, '**Effect of ZnO Nanoparticles Salt Precursors on Structural, Morphological, Optical and MB Photocatalytic Properties Using Hydrothermal Synthesis**', *Journal of Nano Research*, ISSN: 1661 – 9897, Vol. 77, pp 87–104, March (2023).

2023 • M. Zerouali, R. Daira, B. Boudjema, R. Barillé, D. Bouras and **S. Iaiche**, '**Effect thickness of copper oxide thin films on structural, optical, electrical and hydrophobic properties for use in self-cleaning technique**', *Digest Journal of Nanomaterials and Biostructures*, Vol. 18, No. 4, October-December 2023, p. 1371-1384. <https://doi.org/10.15251/DJNB.2023.184.1371>.

2020 • **S. Iaiche**, C. Boukaous, D. Alamarguy, A. Djelloul and J. Hamana, '**Effect of Solution Concentration on ZnO/ZnAl₂O₄ Nanocomposite Thin Films Formation Deposited by Ultrasonic Spray Pyrolysis on Glass and Si (111) Substrates**', *Journal of Nano Research*, ISSN: 1661 – 9897, Vol. 63, pp 10– 30, (2020).

2015 • **S. Iaiche** and A. Djelloul, '**ZnO/ZnAl₂O₄ Nanocomposite Films Studied by X-Ray Diffraction, FTIR, and X-Ray Photoelectron Spectroscopy**', DOI identifier: 10.1155/2015, *Journal of Spectroscopy*, Hindawi Publishing Corporation (2015) 9 pages.

2005 • **S. Iaiche**, N. Benouattas, A. Bouabellou, L. Osmani, L. Salik, '**Atomic diffusion at the Cu-Au-Si multilayers interface**', *Microelectronic Engineering*, 81 (2005) 349-352.

2004 • C. Benazzouz, N. Benouattas, **S. Iaiche** and A. Bouabellou, '**Study of diffusion at surface of multilayered Cu/Au films on monocrystalline silicon**', *Nuclear Instruments and Methods in physics research section B: Beam Interactions with Materials and Atoms*, Volume 213, January (2004), pages 519-522.