

Curriculum Vitae

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Diplomes :

- **DES:** Physique, Spécialité : Sciences des Matériaux (2007), Université Mentouri Constantine (Algérie).
- **Magistère** en sciences des matériaux, Option: Semi-conducteur (2010), Université Mentouri Constantine (Algérie).
- **Doctorat** en science en physique (2014), Université Frères Mentouri Constantine (Algérie).

Expérience :

Octobre 2016 à ce jour : Maître de conférence B à l'école nationale polytechnique de Constantine (ENPC).

Juillet 2014-Octobre 2016 : Attaché de recherche à l'unité de recherche en matériaux avancés (URMA-Annaba/CRTI-ex CSC).

Publications :

1. Adel Taabouche, Abderrahmane Bouabellou, Fouad Kermiche, Faouzi Hanini, **Yacine Bouachiba** and Azzedine Grid, Tahar Kerdja, "Properties of Co-doped ZnO thin films grown by pulsed laser deposition on glass substrates", *Materials Science in Semiconductor Processing*, 28 (**2014**) 54-58.

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2. **Y. Bouachiba**, A. Bouabellou, F. Hanini, F. Kermiche, A. Taabouche, K. Boukheddaden, "Structural and optical properties of TiO₂ thin films grown by sol-gel dip coating process", *Materials Science-Poland*, 32(1) (**2014**) 1-6.

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3. F. Hanini, A. Bouabellou, **Y. Bouachiba**, F. Kermiche, A. Taabouche, K. Boukheddaden, "Propriétés structurales, optiques et électriques des couches minces de TiO₂ dopé Cu obtenues par voie Sol-gel", *Afrique SCIENCE*, 10(1) (**2014**) 10 – 20.
<http://www.afriquescience.info/document.php?id=3077>
4. Adel Taabouche, Abderrahmane Bouabellou, Fouad Kermiche, Faouzi Hanini, Sarah Menakh, **Yacine Bouachiba**, Tahar Kerdja, Chawki Benazzouz, Mohamed Bouafia and Saad Amara, "Effect of Substrates on the Properties of ZnO Thin Films Grown by Pulsed Laser Deposition", *Advances in Materials Physics and Chemistry*, 3 (**2013**) 209-213.
http://file.scirp.org/Html/1-1510166_36086.htm
5. Fouad Kermiche, Adel Taabouche, Faouzi Hanini, Sarah Menakh, Abderrahmane Bouabellou, **Yacine Bouachiba**, Tahar Kerdja, Chawki Benazzouz, Chawki Benazzouz, Mohamed Bouafia and Saad Amara, "Properties of Al-doped ZnO thin films grown by pulsed laser deposition on Si(100) substrates", *International Journal of Nanoparticles*, 6 (**2013**) 93 – 102.
<http://www.inderscience.com/info/inarticle.php?artid=54984>
6. F. Hanini, **Y. Bouachiba**, F. Kermiche, A. Taabouche, A. Bouabellou, T. Kerdja and K. Boukheddaden, "Characteristics of Al-doped TiO₂ thin films grown by pulsed laser deposition", *International Journal of Nanoparticles*, 6 (**2013**) 132-142.
<https://www.inderscienceonline.com/doi/abs/10.1504/IJNP.2013.054988>
7. **Y. Bouachiba**, F. Hanini, A. Bouabellou, F. Kermiche, A. Taabouche, Mohamed Bouafia, Saad Amara, S. Sahli and K. Boukheddaden, "TiO₂ thin films studied by FTIR, AFM and spectroscopic ellipsometry", *International Journal of Nanoparticles*, 6 (**2013**) 169-177.
<https://www.inderscienceonline.com/doi/abs/10.1504/IJNP.2013.054992>
8. F. Hanini, A. Bouabellou, **Y. Bouachiba**, F. Kermiche, A. Taabouche, M. Hemissi, and D. Lakhdari, "Structural, optical and electrical properties of TiO₂ thin films synthesized by sol-gel technique", *IOSR Journal of Engineering*, 3(**2013**) 21-28.
<https://pdfs.semanticscholar.org/1930/c6ceaadc48e2c5baaac8dbeba2120a3928cf.pdf>

9. A. Taabouche, A. Bouabellou, F. Kermiche, F. Hanini, C. Sedrati, **Y. Bouachiba**, C. benazzouz, ' Preparation and characterization of Al-doped ZnO piezoelectric thin films grown by pulsed laser deposition' CERAMICS international, 42 (**2016**) 6701-6706.
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10. F. Hanini, A. Bouabellou, **Y. Bouachiba**, F. Kermiche, A. Taabouche and K. Boukheddaden," Physical properties of nanosized cobalt doped TiO₂ films grown by pulsed laser deposition", Int. J. Nanoparticles, Vol. 9, No. 3, (**2017**) 201-212.
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11. H. Serrar, A. Bouabellou, Y. Bouachiba, A. Taabouche, A. Bouhank, Y. Bellal, H. Merabti, "Effect of water and methanol solvents on the properties of CuO thin films deposited by spray pyrolysis", Thin Solid Films, XXX(**2019**)XXX.
<https://doi.org/10.1016/j.tsf.2019.05.001>

Communications

1. **Y. Bouachiba**, F. Hanini, A. Bouabellou, F. Kermiche, A. Taabouche, Mohamed Bouafia, Saad Amara, S. Sahli and K. Boukheddaden, “TiO₂ thin films studied by FTIR, AFM and spectroscopic ellipsometry”, “11 th conference on beam injection assessment on microstructures in semiconductors, Annaba, 25-28 Juin 2012.
2. **Y. Bouachiba**, F. Hanini, A. Bouabellou, A. Taabouche, and S. Amara, “Structural and optical properties of Sol–gel TiO₂ planar waveguides”, “7 éme séminaire nationale de laser et ses applications” , Setif, 11-12 Mai 2014
3. **Y. Bouachiba**, F. Hanini, A. Bouabellou, F. Kermiche, A. Taabouche, , “Effect of annealing temperatures on solgel planar optical waveguides”, 1ères journées internationales de physique de Constaqtine, Constantine, 16-17 Décembre 2013.
4. **Y. Bouachiba**, A. Bouabellou, A. Taabouche, F. Hanini, , “Elaboration and study of the properties of nano-crystalline TiO₂ thin films prepared by sol-gel dip coating”, “4th international conference on welding, non destructive testing materials and alloys industry, Annaba, 9-11 Novembre 2014.
5. **Y. Bouachiba**, F. Medjaldi, B. Ayachi, F. Hanini, A. Bouabellou, F. Kermiche, A. Taabouche, M. Bouafia, S. Amara, S. sahli. , Prépâration de filmsTiO₂ sur des substrats en Si (100) par la method solgel ”, “1ères journées nationaux, technologies des céramiques et applications, Khenchela, 25-26 Octobre 2011”.
6. F. Hanini, **Y. Bouachiba** F. Kermiche, A. Taabouche, A. Bouabellou, A. Taabouche, A. Bouabellou, M. Bouafia, S. Amara, T. Kerdja, K. Boukhddaden “effect of yttrium doping on the structural and optical properties of TiO₂ films grown by Nd-YAG laser annealing ”, “International conference of optics, Setif, 21-23 Avril 2013.
7. F. Hanini, **Y. Bouachiba**, F. Kermiche, A. Taabouche, A. Bouabellou, T. Kerdja, M. Bouafia and S. Amara, “Effect of substrates on the structural and morphology of TiO₂ thin films grown by Nd-YAG laser annealing”, “Le séminaire international sur la physique des plasmas, Ouregla, 12-15 Février 2011.

8. F. Hanini, **Y. Bouachiba**, F. Kermiche, A. Taabouche, Z. Daas, A. Bouabellou, M. Mahtali, M. Bouafia, S. Amara, T. Kerdja, K. Boukheddaden “structural and optical of properties of transparent Al-doped TiO₂ thin films prepared by solgel technique”, ‘Séminaire nationale sur la chimie appliqué et technologie des matériuax”, Oum El Bouaghi, 19-20 Octobre 2010.
9. F. Hanini, **Y. Bouachiba**, F. Kermiche, A. Taabouche, Z. Daas, A. Bouabellou, M. Mahtali, M. Bouafia, S. Amara, K. Boukheddaden and T. Kerdja, “Structural and Optical properties of anatase TiO₂ thin films : effects of Cu doping”, “9 émé congrés nationale de la physique et ses applications”, Ouregla 24-26 Octobre 2010.
10. A. Taabouche, A. Bouabellou, F. Kermiche, F. Hanini and **Y. Bouachiba**, “Properties of Co-doped ZnO thin films grown by pulsed laser deposition on glass substrates”, “The international semiconductor science and technology conference, Istanbul, Turkey, 13-15 january 2014.
11. Hassene Nezzari, Yacine Bouachiba, Adel Taabouche, Moufdi Hadjab, Meriem Messaoudi,” Optoelectronics properties of oxidized tin sulphide thin films prepared by spray ultrasonic method”, “the International Congress of Engineering of Advanced Materials ICEAM2017”, Excellence Engineering of Advanced Materials -Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU), Germany, during the period, October 10th – 12th, 2017.