

## Publications 2017 - Matériaux microstructurés et surfaces fonctionnelles

A. Bendjerad, A. Benhaya, S. Boukhtache, [A. Lahmar](#), M. Zergoug, D. Luneau : *RF magnetron sputtering deposition of NiO/Ni bilayer and approach of the Magnetic behavior using the Preisach model.*

**Journal of Magnetism and Magnetic Materials 428,37**

[A Lahmar](#), [A Benchaabane](#), [J Belhadi](#), R Essehli, N Al-Dahoudi : *H<sub>2</sub> production by water radiolysis in presence of M/TiO<sub>2</sub> (M=3D Pt; Au) nanocomposite films*

**International Conference in Energy and Sustainability in Small Developing Economies, IEEE(2017)**

SE Rodil, O Garcia-Zarco, E Camps, H Estrada, [M Lejeune](#), L Bourja, [A Zeinert](#): *Preferential orientation in bismuth thin films as a function of growth conditions*

**Thin Solid Films 636**, 384-391

R Baghdad, *N Lemée*, G Lamura, A Zeinert, N Hadj-Zoubir, M Bousmaha, MA Bezzerrouk, *H Bouyanfif*, *B Allouche*, *K Zellama* : *Structural and magnetic properties of Co-doped ZnO thin films grown by ultrasonic spray pyrolysis method*

**Superlattices and Microstructures 104**, 553-569

Osmary Depablos-Rivera, Juan C Medina, Monserrat Bizarro, Ana Martínez, [Andreas Zeinert](#), Sandra E Rodil : *Synthesis and properties of Bi<sub>5</sub>Nb<sub>3</sub>O<sub>15</sub> thin films prepared by dual co-sputtering*

**Journal of Alloys and Compounds 695**,3704-371

R. Amri, S. Sahel, D. Gamra, [M. Lejeune](#), [M. Clin](#), [K. Zellama](#), H. Bouchriha: *Photonic band gap and defect mode of one dimensional photonic crystal coated from a mixture of (HMDSO, N<sub>2</sub>) layers deposited by PECVD.*

**Superlattices and Microstructures 104**, 298-307