



# GEMaC

Groupe d'Étude  
de la Matière Condensée

## PUBLICATIONS ET THÈSES NSP 2009 ET ANTÉRIEURES

**Année 2009**

**Articles:**

- C. Thiandoume, V. Sallet, R. Triboulet, and O. Gorochov. Decomposition kinetics of tertiarybutanol and diethylzinc used as precursor sources for the growth of ZnO. JOURNAL OF CRYSTAL GROWTH, 311(5):1411–1415, FEB 15 2009.
- P. S. Shinde, P. S. Patil, P. N. Bhosale, A. Brueger, G. Nauer, M. Neumann-Spallart, and C. H. Bhosale. UVA and solar light assisted photoelectrocatalytic degradation of AO7 dye in water using spray deposited TiO<sub>2</sub> thin films. APPLIED CATALYSIS B-ENVIRONMENTAL, 89(1-2):288–294, JUL 3 2009.
- C. Thiandoume, J. Barjon, O. Ka, A. Lusson, P. Galtier, and V. Sallet. Morphology transition of one-dimensional ZnO grown by metal organic vapour phase epitaxy on (0001)-ZnO substrate. JOURNAL OF CRYSTAL GROWTH, 311(18):4311–4316, SEP 1 2009.

- C. Thiandoume, A. Lusson, P. Galtier, and V. Sallet. Metal organic vapour phase epitaxy of MgO films grown on c-plane Sapphire. JOURNAL OF CRYSTAL GROWTH, 311(19):4371–4373, SEP 15 2009.
- M. Rahmani, A. Moadhen, M. A. Zaibi, A. Lusson, H. Elhouichet, and M. Oueslati. Electrical performance in iron-passivated porous silicon film. JOURNAL OF ALLOYS AND COMPOUNDS, 485(1-2):422–426, OCT 19 2009.
- I. C. Robin, M. Taupin, R. Derone, A. Solignac, P. Ballet, and A. Lusson. Photoluminescence studies of arsenic-doped Hg<sub>1-x</sub>Cd<sub>x</sub>Te epilayers. APPLIED PHYSICS LETTERS, 95(20), NOV 16 2009.
- A. Yadav, E. U. Masumdar, A. V. Moholkar, M. Neumann-Spallart, K. Y. Rajpure, and C. H. Bhosale. Electrical, structural and optical properties of SnO<sub>2</sub>:F thin films: Effect of the substrate temperature. JOURNAL OF ALLOYS AND COMPOUNDS, 488(1):350–355, NOV 20 2009.
- A. O. Okunev, G. A. Verozubova, E. M. Trukhanov, I. V. Dzijuba, P. R. J. Galtier, and S. A. Said Hassani. Study of structural defects in ZnGeP<sub>2</sub> crystals by X-ray topography based on the Borrmann effect. JOURNAL OF APPLIED CRYSTALLOGRAPHY, 42(Part 6):994–998, DEC 2009