

PUBLICATIONS 2014 - MATÉRIAUX MICROSTRUCTURÉS ET SURFACES FONCTIONNELLES

Gomez, C.L., Depablos-Rivera, O., Medina, J.C., Silva-Bermudez, P., Muhl, S., Zeinert, A., Rodil,
Stabilization of the delta-phase in Bi₂O₃ thin films
Solid State Ionics 255 PP. 147 - 152 (2014).

Manaa, C., Lejeune, M., Kouki, F., Durand-Drouhin, O., Bouchriha, H., Zellama, K., Benlahsen, M.
Influence of the radio-frequency power on the physical and optical properties of plasma polymerized cyclohexane thin films
Thin Solid Films doi: 10.1016/j.tsf.2013.11.118 (2014).

LABORATOIRE DE PHYSIQUE DE LA MATIÈRE CONDENSÉE

Manaa, C., Lejeune, M., Von Bardeleben, H.J., Zellama, K., Bouchriha, H., Benlahsen, M.
Effect of the defects on the optical and electronic properties of plasma polymerized organic thin films
Solid State Communications 188 PP. 36 - 39 doi: 10.1016/j.ssc.2013.12.022 (2014).

A. Ben Chabaane, Z. Ben Hamed, F. Kouki, M. Abderrahmane Sanhoury, K. Zellama, A. Zeinert, H. Bouchriha
Performances of effective medium model in interpreting optical properties of PVK:ZnSe nanocomposites
Journal of Applied Physics 115,134313; doi: 10.1063/1.4870804 (2014)

A. Belfedal, D. Benlakehal, Y. Bouizem, R. Baghdad, M. Clin, A. Zeinert, O. Durand-Drouhin, J.D.Sib, L.Chahed, K.Zellama
Surface roughness and optoelectronic properties of intrinsic and doped nc-Si:H prepared by Rf-magnetron sputtering at low temperature
Materials Science in Semiconductor Processing 26 231–237 (2014)

E. Chevallier, V. Bourny, R. Bouzerar, J. Fortin, O. Durand-Drouhin, V. Da Ros
Voltage noise across a metal/metal sliding contact as a probe of the surface state
Journal of applied physics 115, 154903 (2014)

Zumeta-Dube, V.-F. Ruiz-Ruiz, D. Díaz, S. Rodil-Posadas et A. Zeinert
TiO₂ Sensitization with Bi₂S₃ Quantum Dots: The Inconvenience of Sodium Ions in the Deposition Procedure
The Journal of Physical Chemistry dx.doi.org/10.1021/jp411516a (2014).

O. Carton, M. Lejeune, F. Lamarque, S. Zaidi, A. Zeinert
Thermo-mechanical characterization of optical thin films filters deposited onto shape memory alloy micro-actuators
Smart Materials and Structures2, 125035 (2014)

M. Leclère, M. Lejeune, L. Dupont, A-L. Barrès, S. Renault, F. Dolhem, P. Poizot
Pyrolysis reaction of squaric acid: A one-step method for producing expanded foam of mesoporous carbon
Materials Letters, 137, 233–236 (2014)

