

## Plasmas for Material Science

Selected publications:

1. M. Losurdo, M.M. Giangregorio, P. Capezzuto, G. Bruno, R.G. Toro, G. Malandrino, I.L. Fragala' L. Armelao, D. Barreca, E. Tondello "*Multifuncional nanocrystalline Thin films of Er<sub>2</sub>O<sub>3</sub>: interplay between nucleation kinetics and film characteristics*",

ADVANCED FUNCTIONAL MATERIALS

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, 3607 (2007) (IF 7.496)

2. A. Milella, J.L. Delattre, F. Palumbo, F. Fracassi, R. d'Agostino "*From low-k to ultralow-k thin-film deposition by organosilicon glow discharges*",

– JOURNAL OF THE ELECTROCHEMICAL SOCIETY

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, F106 (2006) (IF 2.387)

3) M. Losurdo, G. Bruno, T.H. Kim, S. Choi, A.S. Brown "*Study of the dielectric function of hexagonal InN: Impact of indium clusters and of native oxide*",

APPLIED PHYSICS LETTERS,

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, 121928 (2006) (IF 3.596)

4. L. Detomaso, R. Gristina, G.S. Senesi, R. d'Agostino, P. Favia "*Stable plasma-deposited acrylic acid surfaces for cell culture applications*"

, BIOMATERIALS,

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, 3831 (2005). (IF 6.262)

5. M. Losurdo, M.M. Giangregorio, P. Capezzuto, G. Bruno, M.F. Cerqueira, M. Stepikova "*Dielectric function of Nanocrystalline Silicon with Few Nanometers (<3nm) grain size*"

, APPLIED PHYSICS LETTERS,

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, 2993 (2003) (IF 3.596)

## material

Written by Administrator  
Wednesday, 30 May 2012 11:50 -

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