

ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

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Education

- Ph.D. in Polymer Science, University of Athens, Greece (2008).
- M.Sc. in Polymer Science, University of Athens, Greece (2005).
- B.S. in Chemistry, University of Athens, Greece (2003).

Research and Teaching Appointments

04/2010 - : Postdoctoral Researcher, Theoretical and Physical Chemistry Institute, National Hellenic Research Foundation, Athens, Greece.

10/2008 – 03/2010: Postdoctoral Researcher, Institut de Chimie de la Matière Condensée de Bordeaux, Bordeaux, France.

Main Research Interests

- Synthesis and characterization of well define polymers.
- Development of polymer based hybrid materials.
- Synthesis of hybrid materials for non-linear optical applications

External Funding

Principal investigator in one European Reintegration Grand and Participant (as young researcher) in six national and international research projects in collaboration with academic organizations (national: Bilateral Scientific Schemes; EU: ESF, TOK).

Conferences and Invited Talks

28 international and 10 national conferences.

Honors and Awards

- Selected to attend the Lindau Nobel Laureate Meeting, Germany (June 2009).
- Young researcher award for the poster presentation entitled "Polymer Decorated Carbon Nanotubes Templating the Growth of CdS Nanoparticles: Towards Intramolecular Charge Transfer Processes", 3rd Workshop on Nanoscience and Nanotechnologies, Thessaloniki, Greece, July 2006.
- One of the most promising young researchers in Greece according to the Greek daily newspaper Imiresia (paper magazine vol. 74 10/12/2005).
- Selected to attend the school "The 2004 Lectures in Chemistry and Physics: The Nanotechnology Revolution", founded by Onassis Foundation and organized by Foundation of Research and Technology, Crete, Greece (July 2004).
- Postgraduate Fellowship from the State Scholarships Foundation of Greece (2003-2004).

Publications

38 original publications in refereed journals, 3 publications in conference proceedings, co-author of 1 chapter in a book and 1 chapter in an encyclopedia, 4 review articles, more than 350 citations.

Selected Recent Publications

1. "Quaternized poly[3,5-bis(dimethylaminomethylene)hydroxystyrene]/DNA complexes: Structure formation as a function of solution ionic strength" F. Delisavva, G. Mountrichas, S. Pispas, J. Phys. Chem. B 117, 7790 (2013).

2. "Synthesis and multiscale evaluation of LiNbO_3 - Containing silicate glass-ceramics with efficient isotropic SHG response" H. Vigouroux, E. Fargin, S. Gomez, B. Le Garrec, G. Mountrichas, E. Kamitsos, F. Adamietz, M. Dussauze, V. Rodriguez, *Adv. Funct. Mat.* 22, 3985 (2012).
3. "Solubilization of Carbon Nanohorns by Polyelectrolyte Wrapping and Templated Formation of Gold Nanoparticles", G. Mountrichas, T. Ichihashi, S. Pispas, M. Yudasaka, S. Iijima and N. Tagmatarchis, *J. Phys. Chem. C*, 113, 5444 (2009)