

CURRICULUM VITAE

Georgia Pagona

Postdoctoral Researcher
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Education

Ph.D. in Chemistry, University of Crete, Greece (2009)

M.Sc. in Chemistry, University of Crete, Greece (2005)

B.S. in Chemistry, University of Crete, Greece (2002)

Research & Teaching Appointments

7/2009- : Postdoctoral Researcher, Theoretical and Physical Chemistry Institute,
National Hellenic Research Foundation, Athens, Greece.

Invitations

Invited Visitor Scientist / participation of the SORST Program organized by Japan
Science and Technology Agency, Tsukuba, Japan (9-10/2007)

Invited Visitor Scientist, "Centre de Recherche Paul Pascal", CNRS, University of
Bordeaux I, Bordeaux, France (01/2010).

Awards –Distinctions

- The article "Cone-end Functionalization of Carbon Nanohorns", Chem. Mater. 2006, 18, 3918, was highlighted in MRS Bulletin, Vol. 31, pp.718, 2006
- The article "Cone-end Functionalization of Carbon Nanohorns", Chem. Mater. 2006, 18, 3918, was highlighted in at the Research and Innovation Bulletin,

published by the Greek General Secretariat for Research and Technology, Issue 58, pp. 8, 2007.

- The article in *Adv. Funct. Mater.*, 2007, 17, 1705 is featured on the cover of issue 10 of *Advanced Functional Materials*, 2007.

Main Research Interests

Chemical modification of fullerenes, carbon nanotubes, carbon nanohorns and graphene-based materials for nanotechnological applications.

External Funding

Participant in national and international research projects in collaboration with academic organizations (EURYI, NANOHOST, IKY)

Conferences and Invited Talks

11 international and 8 Greek conferences. Secretariat of the International Conference on Carbon Nanostructured Materials - Cnano'09 (Santorini, Greece 2009) and of the Fullerene Silver Anniversary Symposium – FSAS2010 (Crete, Greece 2010)

Teaching Activities

2003-2004: Laboratory assistant in undergraduate courses in Inorganic Chemistry Labs, Department of Chemistry, University of Crete, Greece.

2004-2005: Professor Assistant to chemistry students, in Organic Chemistry, Department of Chemistry, University of Crete, Greece.

Professional Affiliations & Activities

Member of the Association of Greek Chemists

Publications

31 original publications in refereed journals, co-author of 1 book chapter.

Selected Resent Publication

1. G. Pagona, A. S. D. Sandanayaka, Y. Araki, J. Fan, N. Tagmatarchis, G. Charalambidis, A. G. Coutsolelos, B. Boitrel, M. Yudasaka, S. Iijima, O. Ito, "Covalent association of Carbon Nanohorns with Porphyrin: Nanohybrid Formation and Photo-Induced Electron and Energy Transfer", [*Adv. Funct. Mater.* **2007**, *17*, 1705.](#)
2. G. Pagona, G. Rotas, A. N. Khlobystov, T. W. Chamberlain, K. Porfyrakis, N. Tagmatarchis, "Azafullerenes Encapsulated within Single-Walled Carbon Nanotubes", [*J. Am. Chem. Soc.* **2008**, *130*, 6062.](#)
3. S. P. Economopoulos, N. Karousis, G. Rotas, G. Pagona, N. Tagmatarchis "Microwave-assisted Functionalization of Carbon Nanostructured Materials" [*Curr. Org. Chem.*, **2011**, *15*, 1121.](#)
4. G. Pagona, H.E. Katerinopoulos, N. Tagmatarchis, "Synthesis, characterization and photophysical properties of a carbon nanohorn – coumarin hybrid material" [*Chem. Phys. Lett.*, **2011**, *516*, 76.](#)
5. G. Pagona, G. E. Zervaki, A. S. D. Sandanayaka, O. Ito, G. Charalambidis, T. Hasobe, A. G. Coutsolelos, N. Tagmatarchis "Carbon Nanohorn–Porphyrin Dimer Hybrid Material for Enhancing Light-Energy Conversion" [*J. Phys. Chem. C*, **2012**, *116*, 9439.](#)