

Curriculum Vitae

Personal Information:

Family Name, First Name: Stathi Panagiota

Gender: female

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Affiliation: Laboratory of Physical Chemistry of Materials & Environment

Department of Physics University of Ioannina,

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Education:

- PhD: 2004-2009, Department of Environmental and Natural Resources Management, University of Ioannina, Greece, Physicochemical study of interaction of environmental pollutants with soil material, Supervisor : Prof Y. Deligiannakis.
- Diploma :2000-2004, Department of Environmental and Natural Resources Management, University of Ioannina, Greece.

Current Position:

- 9/2016, Postdoctoral Researcher, Department of Physics, University of Ioannina, Greece

Previous Positions:

- 1/2012-9/2016, Postdoctoral Researcher, lab of Department of Chemistry, University of Ioannina, Greece
- 11/2010-11/2011, Postdoctoral Researcher, Laboratory of Surfaces and Thin film, Zernike Institute of Advanced Material, University of Groningen, Netherlands.

Fellowships/Prizes/Awards :

- 2007, IHSS grant: laboratoire de Géochimie des Eaux , Université Paris 7 Denis Diderot Project title: interactions of metal ions with immobilized Humic acid (isotopic fractionation and adsorption Zn and Cu ions), Supervised by Prof M.F Bendetti
- 2009 , COST Training School Support from COST P15 for Course Hands on Spin Echo Workshop, Bruker Biospin:, Rheinstetten Germany, Local Organiser: Peter Hofer, Bruker Biospin.
- 2010 IHSS Travel Award: For attendance the 15th international conference of IHSS, Tenerife, Spain

- 2010 Marie-Curie Fellowship : Marie Curie Fellowship (Intra-European Fellowships (IEF) Call: FP7-PEOPLE-2009- IEF): Surfaces and Thin Films, Zernike Institute of Advanced Materials. Supervised by Prof. P. Rudolf, Title of the project : Intercalated Graphene Carbon Nanotubes for Heterogeneous Catalysis.

Relevant Publications monographs/chapters/invited presentations, and/or products, services, or other achievements relevant to the proposal:

1. Panagiota Stathi, Maria Louloudi, Yiannis Deligiannakis, Efficient Low-Temperature H₂ Production from HCOOH/HCOO⁻ by [Pd₀@SiO₂-Gallic-Acid] Nanohybrids: Catalysis and the Underlying Thermodynamics & Mechanism Energy and Fuels, 30 (2016) 8613
2. Maria Papastergiou, Panagiota Stathi, Elena Milaeva, Yiannis Deligiannakis, Maria Louloudi Comparative study of the catalytic thermodynamic barriers for two homologous Mn- and Fe-non-heme oxidation catalysts. J. of Catalysis 341 (2016) 104.
3. George Tsilomelekis, George D. Panagiotou, Panagiota Stathi, Angelos G. Kalampounias, Kyriakos Bourikas, Christos Kordulis, Yiannis Deligiannakis, Soghomon Boghosian and Alexis Lycourghiotis Molybdena Deposited on Titania by Equilibrium Deposition Filtration: Evolution of the Structural Configuration of Oxo-Molybdenum (VI) Sites with Temperature. Physical Chemistry Chemical Physics. 18 (2016) 23980
4. Panagiota Stathi, Yiannis Deligiannakis, George Avgouropoulos, Maria Louloudi: Efficient H₂ production from formic acid by a supported iron catalyst on silica. Applied Catalysis A General, 498 (2015) 176
5. Panagiota Stathi, Yiannis Deligiannakis, Maria Louloudi: Co-catalytic enhancement of H₂ production by SiO₂ nanoparticles. Catalysis Today 242 (2015) 146
6. Jacqueline M Cole, Kian Sing Low, Hiroaki Ozoe, Panagiota Stathi, Chitoshi Kitamura, Hiroyuki Kurata, Petra Rudolf, Takeshi Kawase: Data mining with molecular design rules identifies new class of dyes for dye-sensitised solar cells. Physical Chemistry Chemical Physics 16 (2014) 26684
7. Giorgos. Bilis, Panagiota. Stathi, Alexandra Mavrogiorgou, Yiannis Deligiannakis, Maria Louloudi: Improved robustness of heterogeneous Fe-non-heme oxidation catalysts: A catalytic and EPR study. Applied Catalysis A General 470 (2014) 376.
8. Panagiota Stathi, George Mitrikas, Yiannis Sanakis, Maria Louloudi, Yiannis Deligiannakis: Back-clocking of Fe²⁺/Fe¹⁺ spin states in a H₂-producing catalyst by advanced EPR. Molecular Physics 111 (2013) 294
9. Theano Petsi, George D Panagiotou, Christos S Garoufalis, Christos Kordulis, Panagiota Stathi, Yiannis Deligiannakis, Alexis Lycourghiotis, Kyriakos Bourikas: Interfacial Impregnation Chemistry in the Synthesis of Cobalt Catalysts Supported on Titania 15 (2009) 13090.

List of relevant previous projects or activities, connected to the subject of this proposal:

- 2010-2011 Marie-Curie program Project title: Intercalated Graphene Carbon Nanotubes for Heterogeneous Catalysis.

- 2012-2015 Program THALIS Project title: Development of Hybrid Meso and Nano-porous Material for Environmental and Catalytic Applications” (Coordinator Prof. Y. Deligiannakis)
- 2012-2015 Program THALIS Project title :Development of Advanced Oxidation Processes (AOPs) with the use of nanomaterials and sunlight, for the removal of various organic toxic micropollutants, endocrine disrupters and cyanotoxins from natural waters and sewages”, (coordination of the project: Prof. T. Albanis)
- 2012-2015 Program SYNERGASIA. Project title: Development of Pyrolytic Materials for Environmental and Catalytic Application (coordinator Prof I. Konstantinou)
- 2016- Program funded by L’Oreal Project title: Catalytic oxidation of Melanine (coordinator Prof M. Louloudi.