

## CURRICULUM VITAE

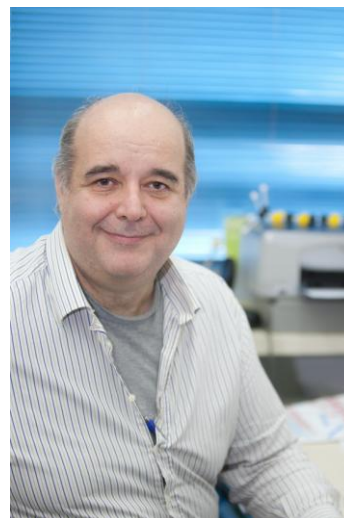
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### EDUCATION

Ph.D. in Physical Chemistry, University of Athens, 1990.

Diploma in Chemistry, University of Athens, 1986.

### RESEARCH & TEACHING APPOINTMENTS

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|-----------|--|
| 2005-     | Senior Researcher at TCPI/NHRF, Athens, Greece.  |
| 2000-2005 | Associate Researcher at TCPI/NHRF, Athens, Greece.   |
| 1997-2000 | Assistant Researcher at TCPI/NHRF, Athens, Greece.   |
| 1995-1996 | Deputy Director of "VETERIN" R&D and Quality Control, Veterinarian Pharmaceuticals, Athens, Greece.                              |
| 1992-1995 | Post Doctoral position, NCSR "Demokritos", Athens, Greece.   |
| 1991-1993 | Professor of Chemistry, "Ikaron" Air Force Academy, Athens, Greece.  |
| 1991-1993 | Professor of Chemistry, TEI, Athens, Greece.   |
| 1990-1991 | Post Doctoral position, CNRS Paul Pascal Bordeaux, France.   |
| 2004-     | Graduate courses in Organic Conductivity - Organic Conductors Univ. of Ioannina, Department of Materials Science and Engineering |
| 2001-     | Advisor to Doctorate and honors students, TPCI-NHRF.   |

### MAIN RESEARCH INTERESTS

- Low dimensional inorganic-organic materials.
- Charge transfer and radical salts.
- Dithiolene complexes.

- Sol-gel techniques; ceramics, glasses, ormocers.
- UV-Vis and Fluorescence Spectroscopy.
- Phthalocyanines.
- Sensors

### **EXTERNAL FUNDING**

Coordinator or participant in more than 15 national and international research projects in collaboration with academic and industrial organizations (national: PENED, Bilateral Scientific Schemes; EU: Shared cost RTD; NATO - Collaborative Research Grant).

### **CONFERENCES AND INVITED TALKS**

More than 30 National and International conferences, 13 invited talks.

### **TEACHING ACTIVITIES**

- 2006- Postgraduate courses in "Organic Conducting Materials", courses that lead to Master Diploma (M.Sc.) on "Chemistry and Technology of Materials University of Ioannina (Dept of Materials Science).
- 1991-1993 Undergraduate course in Chemistry ("Ikaron" air force academy) and in Materials Chemistry and Polymers (Physics and Chemistry Department, TEI of Athens, Greece,).
- Supervision of three Ph.D. 2 M. Sc. and 10 honors students.

### **HONORS & AWARDS**

Student Fellowship of IASTE (09/1982 -11/1982) for the Nuclear Research Center (KFA), Juelich-Germany

Fellowship of NHRF (06/1986 -06/1990)

Fellowship of EC (9/1990-9/1991) for the CNRS Paul Pascal Bordeaux-France.

Head Mentor of the Greek team for the International Chemistry Olympiad (2008, 2009)

### **PROFESSIONAL AFFILIATIONS & ACTIVITIES**

Member of the Greek Physical Society.

### **PUBLICATIONS**

92 publications in refereed journals, more than 30 publications in conference proceedings. More than 870 citations.

### **SELECTED RECENT PUBLICATIONS**

1. "Synthesis, experimental and theoretical investigation of a new type nickel dithiolene complex"

- G. Soras, N. Psaroudakis, M. J. Manos, A. J. Tasiopoulos, D.G. Liakos, G. A. Mousdis. *Polyhedron* **62**, 208-217 (2013) DOI: [10.1016/j.poly.2013.06.033](https://doi.org/10.1016/j.poly.2013.06.033)
2. "Enhanced phosphorescence from nanocrystalline/microcrystalline materials based on  $(\text{CH}_3\text{NH}_3)(1\text{-naphthylmethyl ammonium})_2\text{Pb}_2\text{Cl}_7$  and similar compounds"  
G. C. Papavassiliou, G. Pagona, G. A. Mousdis and N. Karousis,  
*Chem. Phys. Lett.* **570**, 80-84 (2013). DOI:[10.1016/j.cplett.2013.03.041](https://doi.org/10.1016/j.cplett.2013.03.041)
  3. "Nanocrystalline/microcrystalline materials based on lead-halide units"  
G. C. Papavassiliou, G. Pagona, N. Karousis, G. A. Mousdis, I. Koutselas and A. Vassilakopoulou  
*J. Mater. Chem.*, 8271 – 8280 (2012) DOI: [10.1039/C2JM15783G](https://doi.org/10.1039/C2JM15783G)
  4. "Updating a synchronous fluorescence spectroscopic virgin olive oil adulteration calibration to a new geographical region"  
Matthew Ross Kunz, Joshua Ottaway, John H. Kalivas, Constantinos A. Georgiou, and George A. Mousdis  
*J Agric Food Chem.* **59** 1051-1057. (2011) DOI: [10.1021/jf902758d](https://doi.org/10.1021/jf902758d)
  5. "Diffractive optic sensor for remote point detection of ammonia."  
M. Vasileiadis, L. Athanasekos, A. Meristoudi, D. Alexandropoulos, G. Mousdis, V. Karoutsos, A. Botsialas and N. A. Vainos.  
*Optics Letters* **35** (9) 1476-1478 (2010) DOI: [10.1364/OL.35.001476](https://doi.org/10.1364/OL.35.001476)
  6. "The effect of Au and Pt nanoclusters on the structural and hydrogen sensing properties of SnO<sub>2</sub> thin films"  
I. Fasaki, M. Sucheas, G. Mousdis, G. Kiriakidis, M. Kompitsas  
*Thin Solid Films*, **518**, 1109–1113 (2009). DOI:[10.1016/j.tsf.2009.07.192](https://doi.org/10.1016/j.tsf.2009.07.192)