

ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

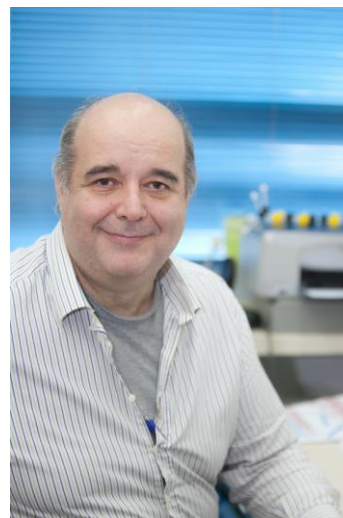
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EDUCATION

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 SnO₂ 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)