

CURRICULUM VITAE

Papavassiliou George

Emeritus Researcher
Institute of Theoretical and Physical Chemistry
Phone: +30-210-7273827
Fax: +30-210-7273794
E-mail: pseria@eie.gr



EDUCATION

Diploma of Chemistry, University of Athens, 1968
PhD in Spectroscopy of Adsorbed Molecules, University of Athens, 1972.

RESEARCH & TEACHING APPOINTMENTS

1973-1974, Post doctoral research fellow, Department of Organic Chemistry, NHRF
1977, Assistant Researcher, Physical Chemistry Center, NHRF
1978, Associate Researcher, Physical Chemistry Center, NHRF
1981-1983, Associate Researcher, Theoretical and Physical Chemistry Institute, NHRF
1984-1989, Senior Researcher, Theoretical and Physical Chemistry Institute, NHRF
1990-todate, Director of Research, Theoretical and Physical Chemistry Institute, NHRF
1995-1997, Deputy Director of Theoretical and Physical Chemistry Institute, NHRF.
2009-today, Emeritus Researcher, Theoretical and Physical Chemistry Institute, NHRF.
Thesis supervisor of 9 Ph.D. students.
Reviewer and referee for 21 international scientific journals.

MAIN RESEARCH INTERESTS

Preparation, characterization and investigation of synthetic (natural) low-dimensional systems, based on organic and/or inorganic units, with semiconducting, conducting and superconducting properties.

EXTERNAL FUNDING PROJECTS

Participant or coordinator in a number of national or international projects (PENED, ISTOS, HCM, NATO etc.).

CONFERENCES AND INVITED TALKS

Over 56 international conferences, workshops, and summer schools. More than 14

invited lectures in international conferences, workshops or summer schools. Member of organizing and scientific committees of 6 international conferences or summer schools.

PROFESSIONAL AFFILIATIONS & ACTIVITIES

Member of the Greek Chemical Society.

PUBLICATIONS

Author or co-author of over 220 refereed journal papers, 12 invited review articles, 12 invited brief review articles, and 32 articles in proceedings of international conferences or summer schools. More than 1800 nonself references appeared in Science Citation Index.

SELECTED RECENT PUBLICATIONS

1. "Tetrachalcogenafulvalenes, metal 1,2-dichalcogenolenes and their conducting salts", Review, G.C. Papavassiliou, A. Terzis and P. Delhaes, in 'Organic Conducting Molecules and Polymers', John Wiley and Sons 1, 155-227 (1997).
2. "Three and low-dimensional inorganic semiconductors", Review, G.C. Papavassiliou, *Progr. Solid State Chem.* 25, 125-270 (1997).
3. "Shubnikov-de Hass oscillations in a 2d organic conductor τ -(EDO-S,S-DMEDT-TTF) $_2$ (AuBr $_2$) $_{1+y}$ ($y \sim 0.75$)", *Phys. Rev. B* 66, 245308 (2002).
4. "Tetrachalcogenafulvalenes with four additional heteroatoms", G.C. Papavassiliou, in "TTF Chemistry: Fundamental and Applications", J.I. Yamada and T. Sugimoto (Eds.); Kadansha-Springer, Tokyo, ISBN 4-06-211164-0, p.p. 35-58 (2004).
5. "Structural and physical properties of τ -(EDO-S,S-DMEDT-TTF) $_2$ (AuBr $_2$) $_{1+y}$ and τ -(P-S,S-DMEDT-TTF) $_2$ (AuBr $_2$) $_{1+y}$ ", G.C. Papavassiliou et al, *Z. Naturforsch.* 59a, 952 (2004).
6. "Air stable ambipolar organic transistors", Th. Anthopoulos et al, *Appl. Phys. Lett.* 90, 122105 (2007).
7. "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.*, 22 (17), 8271 – 8280 (2012)
8. "Enhanced phosphorescence from nanocrystalline /microcrystalline materials based on (CH $_3$ NH $_3$)(1-naphthylmethyl ammonium) $_2$ Pb $_2$ Cl $_7$ and similar compounds". G. C. Papavassiliou, G. Pagona, G. A. Mousdis and N. Karousis, *Chem. Phys. Lett.* 570, 80-84 (2013).