

1. Papers in Refereed Journals

1. "Lowering of the melting point of molecular layers observed by nuclear magnetic resonance",
G. Karagounis, E. Papayannakis and C.I. Stassinopoulos,
Nature 221, 655 (1969).
2. "NMR spectra of adsorbed molecules. III",
G. Karagounis and C.I. Stassinopoulos,
Z. Physik. Chem. 71, 39 (1970).
3. "Formation of polymeric catenanes by selective interfacial reactions",
G. Karagounis and J. Pandi-Agathokli,
Praktika tes Akademias Athenon 45, 118 (1971)
4. "Effect of paramagnetic substance on the intensity of Raman lines",
G. Karagounis and G. Makriyannis,
Praktika tes Akademias Athenon 46, 225 (1972).
5. "Raman and IR spectra of adsorbed molecules. V. Elimination of degeneracy by adsorption",
G. Karagounis, G.C. Papavassiliou and G. Makriyannis,
Chimika Chronika (New Series) 1, 80 (1972).
6. "NMR spectra of adsorbed molecules. IV",
G. Karagounis and J.M. Tsangaris,
Chimika Chronika (New Series) 1, 95 (1972).
7. "Circular dichroism band at 300 nm observed in the high coordination number complexes of L-threonine with copper(II) in aqueous solutions",
J.M. Tsangaris,
Chimika Chronika (New Series) 1, 124 (1972).
8. "Boundary surface reactions with the formation of polymeric catena compounds",
G. Karagounis, J. Pandi-Agathokli and E. Kondaraki,
Chimika Chronika (New Series) 1, 130 (1972).
9. "Complex of bis(2-aminobenzenesulfonic acid)ethylenediamine with copper(II)",
J.M. Tsangaris and G.Th. Baxevanidis,
Chimika Chronika (New Series) 1, 247 (1972).
10. "Preparation of polymeric catena compounds. IV",
G. Karagounis, E. Kontaraki and E. Petassis,

Praktika tes Akademias Athenon 48, 197 (1973).

11. "Synthetic polymer catenane. Method for determining molecular weights",
G. Karagounis, I. Pandi-Agathokli, E. Petassis and A. Alexakis,
Folia Biochimica et Biologica Graeca 10, 31 (1973).

12. "Optical-absorption spectra of surface plasmons in small copper particles",
G.C. Papavassiliou and T. Kokkinakis,
J. Phys. F 4, L67 (1974); Erratum, 5, 384 (1975).

13. "Influence of paramagnetic substances on intensity of Raman lines",
G. Karagounis and G. Makriyannis,
Can. J. Spectrosc. 20, 46 (1975).

14. "Surface-plasmons in small Cu particles",
T. Kokkinakis and G.C. Papavassiliou,
Phys. Status Solidi B 77, K49 (1976).

15. "Surface-plasmons in small Au-Ag alloy particles",
G.C. Papavassiliou,
J. Phys. F 6, L103 (1976).

16. "Optical-absorption spectra of silver, gold, and copper thin-films chemically deposited on quartz plates",
G.C. Papavassiliou,
Z. Phys. Chem. (Leipzig) 257, 241 (1976).

17. "Surface-plasmons in small $K_2Pt(CN)_4Br_{0.3} \cdot 2H_2O$ particles",
G.C. Papavassiliou,
Z. Phys. Chem. (Leipzig) 258, 174 (1977).

18. "Plasma resonance-absorption from small $K_{1.62}Pt(C_2O_4)_2 \cdot 2H_2O$ particles",
G.C. Papavassiliou,
J. Phys. C 10, 489 (1977).

19. "Optical-absorption spectra of small particles of K^+TCNQ^- and related compounds",
G.C. Papavassiliou and S.S. Spanou,
J. Chem. Soc.-Far. Trans. II 73, 1425 (1977).

20. "Light scattering and absorption spectra of small K^+TCNQ^- particles",
G.C. Papavassiliou,
J. Chem. Soc.-Far. Trans. II 74, 1446 (1978).

21. "Resonance Raman-spectra of platinum ethylenediamine complexes",
G.C. Papavassiliou and T. Theophanides,
J. Raman Spectr. 7, 230 (1978).

22. "Optical properties of small inorganic and organic metal particles",
G.C. Papavassiliou,
Prog. Solid State Chem. 12, 185 (1979).
23. "Optical absorption spectra of small $[\text{Pt}(\text{dapn})_2][\text{Pt}(\text{dapn})_2\text{Br}_2](\text{ClO}_4)_4$ particles",
G.C. Papavassiliou,
J. Phys. C 12, L297 (1979).
24. "Resonance Raman spectra and structure of partially oxidized magnus salt",
G.C. Papavassiliou and T. Theophanides,
Z. Naturforsch. B 34, 986 (1979).
25. "Resonance Raman spectra of a single crystal linear-chain platinum compound,
 $[\text{Pt}(\text{En})_2][\text{Pt}(\text{En})_2\text{Cl}_2](\text{ClO}_4)_4$ ",
G.C. Papavassiliou, T. Theophanides and R. Rapsomanikis,
J. Raman Spect. 8, 227 (1979).
26. "Study of the lattice modes of linear mixed-valence compounds",
C.E. Paraskevaidis, C. Papatriantafillou and G.C. Papavassiliou,
Chem. Phys. 37, 389 (1979).
27. "Raman study of metal-guanosine-5'-monophosphate aqueous-solutions",
G. Makrigiannis, P. Papagiannakopoulos and T. Theophanides,
Inorg. Chim. Acta- Bioinorg. Chem. 46, 263 (1980).

2. Papers in Proceedings of International and National Conferences

1. "An interfacial method for the preparation of polymeric catena compounds",
G. Karagounis and I. Pandi-Agathokli,
Proc. 4th Greek Chem. Conf. (1972),
Chimica Chronika 2, pp. 213-17 (1974).
2. "An NMR method for distinguishing mono- from polylayers",
G. Karagounis and C. Ioannidou-Stasinopoulou,
Proc. 4th Greek Chem. Conf., (1972),
Chimica Chronika 2, pp. 218-19 (1974).
3. "The synthesis of polymeric catena compounds by interfacial reactions. VI.
Communication",
G. Karagounis, I. Pandi-Agathokli and E. Kontaraki,
Proc. Int. Conf. Colloid Surf. Sci. 1, 671-8 (1975),
Editor(s): Wolfram, E. Publisher: Akad. Kiado, Budapest, Hungary.
4. "Interpretation of the infrared and resonance Raman spectra of linear mixed valence

compounds”,

C.E. Parascevaides, G. Papatriantafillou and G.C. Papavassiliou

Proc. Int. Conf. Quasi-One-Dimensional conductors, (Dubrovnik, 1978), Lecture Notes in Physics, Springer-Verlag 96 (II), 224 (1979).

5. “Electronic spectra and resonance Raman excitation profiles in $M(L-L)_2M(L-L)_2X_2(ClO_4)_4$ ”,

G.C. Papavassiliou and C.S. Jacobsen,

Proc. 7th Int. conf. on Raman Spectroscopy, Ottawa, Canada 1980, p. 100.

3. Dissertations

a. PhD theses

1. “Laser-Raman spectra of adsorbed molecules”,

G.C. Papavassiliou, supervisor G. Karagounis, University of Athens, Department of Chemistry (1972).

2. “A new synthetic method of catenans”,

I. Pandi-Agathokli, supervisor G. Karagounis, University of Athens, Department of Chemistry (1972).

3. “On the intensity of Raman lines in the presence of paramagnetic substances”,

G. Makrygiannis, supervisor G. Karagounis, University of Athens, Department of Physics (1974).

4. “Study of the interaction forces between bifunctional and ring molecules by nuclear magnetic resonance (NMR)”,

R. Palaiopoulou, supervisor G. Karagounis, University of Athens (1978).