

1. Papers in Refereed Journals

1. "Minimal basis study of inner-shell ionization-potentials for molecules containing sulfur - S,S-diphenyl-N-para-tolylsulfonyl-sulfilimine",
G. Theodorakopoulos, A. Kuczman, I. Kapovits, G. Narayszabo and I.G. Csizmadia,
J. Comput. Chem. 2, 212 (1981).

2. "Classification of the rotational-vibrational wavefunctions of a general A₂-A₂ system according to its permutation-inversion group",
A. Metropoulos,
Chem. Phys. Lett. 83, 357 (1981).

3. "Ab initio configuration interaction study of the X³Σ⁻, a ¹Δ and b¹Σ⁺ states of SO and S₂",
G. Theodorakopoulos, S.D. Peyerimhoff and R.J. Buenker,
Chem. Phys. Lett. 81, 413 (1981).

4. "Spectrum of the negative Be ion",
D.R. Beck, C.A. Nicolaides and G. Aspromallis,
Phys. Rev. A 24, 3252 (1981).

5. "The wavefunction of nonstationary states in terms of complex coordinates and a related variational principle",
Y. Komninos and C. A. Nicolaides,
Chem. Phys. Lett. 78, 347 (1981).

6. "Possibility for VUV and x-ray tunable atomic lasers",
C.A. Nicolaides and Y. Komninos,
Chem. Phys. Lett. 80, 463 (1981).

7. "Many electron theory of discrete-discrete and discrete-continuum transition rate for systems with symmetry"
C.A. Nicolaides, Y. Komninos, and D.R. Beck,
Chimica Chronika, New Series 10, 35 (1981).

8. "Bound-states and decay mechanisms of He",
C.A. Nicolaides, Y. Komninos and D.R. Beck,
Phys. Rev. A 24, 1103 (1981).

9. "Theory and calculation of resonances using complex coordinates",
C.A. Nicolaides, Y. Komninos and T. Mercouris,
Int. J. Quantum Chem. Suppl. 15, 355 (1981).

10. "The width of He 2s 2p ¹P⁰ from a variational calculation using complex coordinates",

C.A. Nicolaidis, Y. Komninos and T. Mercouris,
Phys. Lett. A 84, 421 (1981).

11. "Entropy in classical and quantum physics",
J.F. Cyranski,
J. Math. Phys. 22, 1467 (1981).

12. "Magnetic phases of the Hubbard model",
A.N. Andriotis, P.N. Pouloupoulos and E.N. Economou,
Solid State Commun. 39, 1175 (1981).

13. "Low-energy electron-impact excitation of the lowest lying auto-ionizing level in Cs",
S.N. Tiwary,
J. Phys. B 14, 2951 (1981).

14. "C-13-NMR and Raman-spectra of pregnenolone-16-alpha-carbonitrile, a steroid with biological interest",
P. Kourounakis and T. Theophanides,
Pharmazie 36, 613 (1981).

15. "Luminescence spectra and Raman excitation profiles in small CdS particles",
G.C. Papavassiliou,
J. Solid State Chem. 40, 330 (1981).

16. "Some new 1-D compounds with metal-halide chain",
D. Layek and G.C. Papavassiliou,
Z. Naturforsch. B 36, 83 (1981).

17. "The tetrabutylammonium salt of 2-thioxo-1,3-dithiol-4,5-dithiolate as a starting material for preparation of organometallic conductors",
G.C. Papavassiliou,
Z. Naturforsch. B 36, 1200 (1981).

18. "Partially oxidized products of magnus green salt and similar conducting solids",
G.C. Papavassiliou and D. Layek,
Z. Naturforsch. B 36, 1671 (1981).

19. "Electronic-spectra and resonance Raman excitation profiles of $M(L-L)_2M(L-L)_2X_2(ClO_4)_4$ - bulk and small particles",
G.C. Papavassiliou and C.S. Jacobsen,
J. Chem. Soc. - Faraday Trans. II 77, 191 (1981).

2. Dissertations

a. PhD theses

1. "Synthesis and optical properties of some new one dimensional compounds of Pt and Pd", D. Layek, supervisor G.C. Papavassiliou, University of Athens (1981).