

CURRICULUM VITAE

Ioakim Spiliopoulos

Professor

Personal Information

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Foreign Languages English

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Educational Qualifications

B. Sc. in Chemistry, University of Patras, Greece, 1994

Ph. D. in Chemistry, University of Patras, Greece, 1998

Grants

Postdoctoral scholar, Hellenic State Scholarships Foundation, 2001-2002

Professional experience

- Professor Department of Food Science and Technology, University of the Peloponnese, Greece, 2023-now (Organic Chemistry Synthetic Macromolecules)
- Associate Professor Department of Food Science and Technology, University of the Peloponnese, Greece, 2019-2023 (Organic Chemistry Synthetic Macromolecules)
- Associate Professor Department of Food Technology, Technological Educational Institute of Peloponnese, Greece, 2017-2019 (Organic Chemistry Synthetic Macromolecules)
- Assistant Professor Department of Food Technology, Technological Educational Institute of Peloponnese, Greece, 2013-2017
- Lecturer, Department of Food Technology, Technological Educational Institute of Kalamata, Greece, 2005-2013
- Part time Lecturer, Department of Aquaculture and Fisheries, Technological Educational Institute (TEI) of Messolonghi, Greece, 2004-2005
- Part time Lecturer, Department of Chemistry, University of Patras, Greece, 2000-2003
- Postdoctoral researcher Department of Chemistry, University of Patras, Greece, 2000-2003

Peer Reviewed Publications

1. "Modified polyisophthalamides bearing pendent benzoylamino and/or (phenylamino)carbonyl groups."

I. K. Spiliopoulos and J. A. Mikroyannidis*

J. Polym. Sci. Part A: Polym. Chem. 34, 1685, 1996

2. "Synthesis and properties of polyterephthalamides with ester pendent groups."

I. K. Spiliopoulos and J. A. Mikroyannidis*

J. Polym. Sci. Part A: Polym. Chem. 34, 1703, 1996

3. "Aromatic polyamides and polyimides bearing bulky ether pendent groups derived from 1-aryloxy-2,4-diaminobenzenes."

I. K. Spiliopoulos and J. A. Mikroyannidis*

Polymer 37, 3331, 1996

4. "Unsaturated polyamides and polyesters prepared from 1,4-bis(2-carboxyninyl)benzene and 4-hydroxycinnamic acid."

I. K. Spiliopoulos and J. A. Mikroyannidis*

J. Polym. Sci. Part A: Polym. Chem. 34, 2799, 1996

5. "Synthesis of poly(enaryloxynitrile)s containing styrylpyridine segments."

I. K. Spiliopoulos and J. A. Mikroyannidis*

Polymer 38, 1731, 1997

6. "Crosslinkable polyesters containing styrylpyridine segments."

I. K. Spiliopoulos and J. A. Mikroyannidis*

J. Appl. Polym. Sci. 64, 1135, 1997

7. "Soluble, rigid-rod polyamide, polyimides and polyazomethine with phenyl pendent groups derived from 4,4''-diamino-3,5,3'',5''-tetraphenyl-p-terphenyl."

I. K. Spiliopoulos and J. A. Mikroyannidis*

Macromolecules 29, 5313, 1996

8. "Rigid-rod polyamides and polyimides prepared from 4,3'-diamino-3,5-diphenyl-biphenyl and 4-amino-4'-carboxy-3,5-diphenyl-biphenyl."

I. K. Spiliopoulos and J. A. Mikroyannidis*

Polymer 38, 2733, 1997

9. "Synthesis of soluble, blue-light-emitting rigid-rod polyamides and polyimides prepared from 2',6',3''',5''''-tetraphenyl or tetra(4-biphenyl)-4,4''''-diamino-p-quinquephenyl."

I. K. Spiliopoulos and J. A. Mikroyannidis*

Macromolecules 31, 515, 1998

10. "Rigid-rod polyamides and polyimides derived from 4,3''-diamino-2',6'-diphenyl- or di(4-biphenyl)-p-terphenyl and 4-amino-4''-carboxy-2',6'-biphenyl-p-terphenyl."

I. K. Spiliopoulos, J. A. Mikroyannidis* and G. M. Tsvigoulis

Macromolecules 31, 522, 1998

11. "Soluble phenyl- or alkoxyphenyl-substituted rigid-rod polyamides and polyimides containing m-terphenyls in the main chain."

I. K. Spiliopoulos and J. A. Mikroyannidis*

Macromolecules 31, 1236, 1998

12. "Poly(pyridinium salt)s with stilbene or distyrylbenzene chromophores."

I. K. Spiliopoulos and J. A. Mikroyannidis*

J. Polym. Sci. Part A: Polym. Chem., 39, 2454, 2001

13. ''Soluble and strongly photoluminescent polyethers with oligophenylene, p-phenylenevinylene- or p-phenyleneethynylene-based chromophores.''

I. K. Spiliopoulos* and J. A. Mikroyannidis,
Macromolecules, 34, 5711, **2001**

14. ''Intensity dependent nonlinear absorption of pyrylium chromophores''

M. Fakis, G. Tsigaridas, I. Polyzos, V. Giannetas, P. Persephonis*, I. Spiliopoulos and J. Mikroyannidis,
Chem. Phys. Lett., 342, 155, **2001**

15. ''Laser studies of two novel conjugated polymers in liquid and solid matrix. The effect of aggregates in the spontaneous and stimulated emission.''

M. Fakis, I. Polyzos, G. Tsigaridas, V. Giannetas, P. Persephonis*, I. Spiliopoulos and J. Mikroyannidis,
Phys. Rev. B, 65, 195203, **2002**

16. ''Blue light-emitting poly(phenylenevinylene)s with alkoxyphenyl substituents: synthesis and optical properties''

I. K. Spiliopoulos* and J. A. Mikroyannidis,
Macromolecules, 35, 2149, **2002**

17. 'Poly(phenylene ethynylene)s with alkoxyphenyl substituents'

I. K. Spiliopoulos* and J. A. Mikroyannidis,
J. Polym. Sci. Part A: Polym. Chem., 40, 1449, **2002**

18. ''Synthesis and optical properties of soluble polyethers containing oligophenylene in the main chain and p-styrylbenzene side groups''

I. K. Spiliopoulos and J. A. Mikroyannidis*
J. Polym. Sci. Part A: Polym. Chem., 40, 682, **2002**

19. ''Synthesis of poly(p-phenylene vinylene)- and poly(phenylene ethynylene)-based polymers containing p-terphenyl in the main chain with alkoxyphenyl side groups.''

I. K. Spiliopoulos and J. A. Mikroyannidis*
J. Polym. Sci. Part A: Polym. Chem., 40, 2591, **2002**

20. 'Blue light-emitting poly(p-phenylenevinylene) derivatives containing alternating conjugated segments and aliphatic spacers.'

J. G. Mpallas, I. K. Spiliopoulos, J. A. Mikroyannidis*
J. Polym. Sci. Part A: Polym. Chem. 41, 1091, **2003**

21. 'Synthesis of Methacrylic Monomers Bearing Stilbenoid Chromophore and Their Free-Radical Polymerization To Give Luminescent Polymers.'

I. K. Spiliopoulos; J. A. Mikroyannidis*
Macromolecules 35, 7254, **2002**

22. 'Synthesis, Photophysics, and Electroluminescence of Conjugated Poly(p-phenylenevinylene) Derivatives with 1,3,4-Oxadiazoles in the Backbone.'

Mikroyannidis, J. A*; Spiliopoulos, I. K.; Kasimis, T. S.; Kulkarni, A. P.; Jenekhe, S. A*
Macromolecules 36, 9295, **2003**

23. 'Synthesis and optical properties of poly(p-phenylenevinylene)s bearing tetraphenylthiophene or dibenzothiophene moieties along the main chain.'

J. A. Mikroyannidis*, I. K. Spiliopoulos, A. P. Kulkarni and S. A. Jenekhe

Synthetic Metals, 142, 113, 2004

24. 'Luminescent poly(phenylene vinylene) derivatives with m-terphenyl or 2,6-diphenylpyridine kinked segments along the main chain: Synthesis, characterization and stimulated emission.'

P. Karastatiris, J. A. Mikroyannidis, I. K. Spiliopoulos*, M. Fakis, P. Persephonis

J. Polym. Sci. Part A: Polym. Chem., 42, 2214, 2004

25. 'New Poly(p-phenylenevinylene) Derivatives with Two Oxadiazole Rings Per Repeat Unit: Synthesis, Photophysical Properties, Electroluminescence, and Metal Ion Recognition'

J. A. Mikroyannidis*, I. K. Spiliopoulos, T. S. Kasimis, A.P. Kulkarni, S. A. Jenekhe*

J. Polym. Sci. Part A: Polym. Chem., 42, 2112, 2004

26. Synthesis, characterization and photophysics of poly(p-phenylenevinylene)-type polymers bearing substituted 2H-imidazole rings in the backbone.

J.A. Mikroyannidis*; P.D. Vellis; P.I. Karastatiris; I.K. Spiliopoulos

Synthetic Metals 145, 87, 2004

27. 'Synthesis and optical properties of novel blue-light-emitting poly(p-phenylene vinylene) derivatives with pendant oxadiazole or cyano groups.'

Mikroyannidis, John A.*; Spiliopoulos, Ioakim K

J. Pol. Sci., Part A: Pol. Chem. 42 1768, 2004

28. Electro-optic characterization of two novel organic materials in thin polymeric films.

Anestopoulos, D.; Tsigaridas, G.; Persephonis, P.; Giannetas, V*.; Spiliopoulos, I.; Karastatiris, P.; Mikroyannidis, J.

Chemical Physics Letters 390, 98, 2004

29. Synthesis, Photophysics, and Electroluminescence of New Quinoxaline-Containing Poly(p-phenylenevinylene)s.

Karastatiris, P.; Mikroyannidis, J. A.; Spiliopoulos, I. K.*; Kulkarni, A. P.; Jenekhe, S. A.*

Macromolecules 37, 7867 2004

30. Dual amplified spontaneous emission and laser action from a model oligo(phenylene vinylene): comparison with the corresponding polymer.

Fakis, M.; Polyzos, I.; Tsigaridas, G.; Giannetas, V.; Persephonis, P*.; Spiliopoulos, I.; Mikroyannidis, J.

Optical Materials 27, 503 2005

31. Photophysics, electrochemical Properties and electroluminescence of Poly(p-phenyleneninylene) derivatives with 1,3,5-triphenylbenzene or 2,4,6-triphenylpyridine segments along the backbone

Cimrova V*, Hlidkova H., Vyprachticky D., Karastatiris P., Spiliopoulos I., Mikroyannidis J.*

J. Polym. Sci. Part B: Polym. Phys. 44, 524, 2006

32. Synthesis and optical properties of quinoxaline-containing poly(aryl ether)s

V.P. Barberis, J.A. Mikroyannidis, I.K. Spiliopoulos*

Synthetic Metals 157, 475, 2008

33. Bipolar Poly(p-phenylene vinylene)s Bearing Electron-Donating Triphenylamine or Carbazole and Electron-Accepting Quinoxaline Moieties