CURRICULUM VITAE

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EDUCATION – TRAINING

1994: PhD in Chemical Engineering, Department of Chemical Engineering, University of Patras

1989: BSc. in Chemistry, Department of Chemistry, University of Athens

Thesis

"Hydrogen-bonding Interpolymer Complexation : Interaction between poly(acrylic acid) and Nonionic polybases."

PREVIOUS EMPLOYMENT/OCCUPATION

2018-present: Professor, Department of Chemistry, University of Patras

2011- 2018: Associate Professor, Department of Chemistry, University of Patras

2002-2011: Assistant Professor, Department of Chemistry, University of Patras

2001- 04/2002: Adjunct Lecturer, Department of Materials Science, University of Patras

09/2000-01/2001: Visiting Lecturer, Department of Chemistry, University of Cyprus

1999-2000: Post-doctoral researcher (Marie Curie return grant), Department of Chemical Engineering, University of Patras

1996-1998 : Post-doctoral researcher (Marie Curie grant), Laboratoire de Physico-chimie Macromoleculaire, ESPCI, Paris

FELLOWSHIPS

- Fellowship for Ph.D. studies from the Institute of Chemical Engineering and Hight Temperature Processes (ICEHT/FORTH) (1989-1994).
- Marie Curie Fellowship for post-doctoral research in the Laboratoire de Physico-Chimie Macromoleculaire, Universite Pierre et marie Curie, France (1996-1998).
- Marie Curie return Grant for post-doctoral research in the Depratment of Chemical Engineering, University of Patras, Greece (1998-1999).

VISITING PROFESSOR

- 09/2000 – 01/2001 : Department of Chemistry, University of Cyprus
- 09/2006 : Lab. Matiere Molle et Chimie, ESPCI, Paris-Tech, France.

TEACHING ACTIVITIES

Graduate and undergraduate courses in:

- Chemical Technology,
- Chemistry and Technology of Materials,
- Chemical Industries,
- Analytical Chemistry (lab courses),
- Polymer Synthesis and Characterization,
- Polymer Properties,
- Advanced (functional) Polymers

RESEARCH INTERESTS

My research interests cover the area of water-soluble polymers. Specific areas of interest include:

- Design of water-soluble polymers
- Stimuli-responsive polymers
- Optically-labelled water-soluble polymers
- Interpolymer interactions (hydrophobic, hydrogen-bonding or Coulombic) in water
- Polymer-surfactant interactions

- Polymer-metal ion interactions
- Interactions of polymers with biologically active-substances
- Hydrogels
- Hybrid inorganic/hydrogel soft materials

PARTICIPATION IN RESEARCH PROJECTS

- Coordinator in 3 National Projects
- Principal Investigator in 7 National Competitive Project
- Principal Investigator in 1 European Competitive Project

REVIEWER

- About ***300 reviews*** for ***~50 scientific journals***
- 2007: within the ***Top 200 reviewers*** for ***Macromolecules***
- ***Reviewer of French research projects*** *JCJC* and *Blanc Inter* for ANR (France)
- ***Reviewer of Greek research project*** *Synergasia* for GSRT (GREECE)

PUBLICATIONS IN INTERNATIONAL PEER-REVIEWED JOURNALS

1. "Interpolymer association between poly(acrylic acid) and vinyl alcohol - vinyl acetate copolymers in dilute aqueous solution". G. Staikos* and G. Bokias. *Makromol. Chem.* **1991**, *192*, 2649.

2. "The viscometric methods in the investigation of the polyacid - polybase interpolymer complexes". G. Staikos,* G. Bokias and C. Tsitsilianis. *J. Appl. Polym. Sci.* **1993**, *48*, 215.

3. "The intrinsic viscosity of poly(acrylic acid) and partially neutralized poly(acrylic acid) by isoionic dilution". G. Staikos* and G. Bokias. *Polym. Int.* **1993**, *31*, 385.

4. "Interpolymer association between acrylic acid copolymers and poly(ethylene glycol) : effects of the copolymer nature". G. Bokias, G. Staikos,* I. Iliopoulos and R. Audebert. *Macromolecules* **1994**, *27*, 427.

5. "A quantitative description of the viscometric behaviour of partially neutralized poly(acrylic acid) in aqueous solutions studied by the isoionic dilution method". G. Bokias and G. Staikos.* *Polymer* **1995**, *36*, 2079.

6. "Interpolymer complexes of poly(acrylamide) and poly(N-isopropylacrylamide) with poly(acrylic acid) : a comparative study". G. Staikos,* G. Bokias and K. Karayanni. *Polym. Int.* **1996**, *41*, 345.

7. "Hydrophobic interactions of poly(N-isopropylacrylamide) with hydrophobically modified poly(sodium acrylate) in aqueous solution". G. Bokias,* D. Hourdet, I. Iliopoulos, G. Staikos and R. Audebert. *Macromolecules* **1997**, *30*, 8293.

8. "Molar mass control of poly(N-isopropylacrylamide) and poly(acrylic acid) in aqueous polymerizations initiated by redox initiators based on persulfates". G. Bokias,* A. Durand and D. Hourdet. *Macromol. Chem. Phys.* **1998**, *199*, 1387.

9. "The study of the interpolymer hydrogen bonding interactions in aqueous solution, based on the isoionic dilution method". G. Bokias and G. Staikos. *Recent Res. Devel. Macromol. Res.* **1999**, *4*, 247.

10. "Hydrophobically modified poly(N,N-dimethylacrylamide): Synthesis, aqueous solution behaviour, and rheological properties in aqueous mixtures with hydrophobically modified poly(sodium acrylate)". L. Guillaumont, G. Bokias* and I. Iliopoulos. *Macromol. Chem. Phys.* **2000**, *201*, 251.

11. "Positively charged amphiphilic polymers based on poly(N-isopropylacrylamide) : Phase behavior and shear-induced thickening in aqueous solution". G. Bokias,* D. Hourdet and I. Iliopoulos. *Macromolecules* **2000**, *33*, 2929.

12. "Phase behaviour of aqueous mixtures of sodium dodecyl sulfate with a weakly cationically charged acrylamide-based copolymer". Y. Mylonas, G. Bokias* and G. Staikos. *Progr. Colloid Polym. Sci.* **2000**, *115*, 93.

13. "Solution properties and phase behavior of copolymers of acrylic acid with N-isopropylacrylamide: the importance of the intrachain hydrogen bonding". G. Bokias,* G. Staikos and I. Iliopoulos. *Polymer* **2000**, *41*, 7399.

14. "Investigation of the association in water of sodium dodecyl sulfate with a positively charged copolymer based on N-isopropylacrylamide". G. Bokias.***** *Colloid Polym. Sci.* **2000**, *278*, 1109.

15. "Influence of migrating ionic groups on the solubility of polyelectrolytes : Phase behavior of ionic poly(N-isopropylacrylamide) copolymers in water". G. Bokias, V.V. Vasilevskaya,***** I. Iliopoulos, D. Hourdet and A.R. Khokhlov. *Macromolecules* **2000**, *33*, 9757.

16. "Association of hydrophobically modified positively charged N-isopropylacrylamide copolymers with the nonionic surfactant Triton X-100". G. Bokias.* *Polymer* **2001**, *42*, 3657.

17. "Association of positively charged copolymers based on N-isopropylacrylamide with hydrophobically modified poly(sodium acrylate) in water". G. Bokias***** and Y. Mylonas.

Macromolecules **2001**, *34*, 885.

18. "Synthesis and characterization of positively charged amphiphilic water soluble polymers based on N-isopropylacrylamide". G. Bokias and D. Hourdet.* *Polymer* **2001**, *42*, 6329.

19. "Association of hydrophobically modified poly(sodium acrylate) derivatives with cationic copolymers based on N-isopropylacrylamide". G. Bokias,***** I. Iliopoulos, D. Hourdet and G. Staikos. *Progr. Colloid Polym. Sci.* **2001**, *118*, 48.

20. "Synthesis and aqueous solution properties of novel thermoresponsive graft copolymers based on a carboxymethylcellulose backbone". G. Bokias, Y. Mylonas, G. Staikos,***** G.G. Bumbu and C. Vasile. *Macromolecules* **2001**, *34*, 4958.

21. "Micellar copolymerisation of N,N-dimethylacrylamide and t-butylacrylamide". I. Vasiliadis, G. Bokias, Y. Mylonas and G. Staikos.* *Polymer* **2001**, *42*, 8911.

22. "Template copolymerisation of N-isopropylacrylamide with a cationic monomer: Influence of the template on the solution properties of the product". A. Charalambopoulou, G. Bokias* and G. Staikos. *Polymer* **2002**, *43*, 2637.

23. "Microphase separation of cationic poly(N-isopropylacrylamide) copolymers in water: Effect of the migration of charges." B. Jean,* G. Bokias, L.-T. Lee, I. Iliopoulos and B. Cabane. *Colloid Polym. Sci.* **2002**, *280*, 908.

24. "Soluble hydrogen-bonding interpolymer complexes and pH-controlled thickening phenomena in water". M. Sotiropoulou, G. Bokias and G. Staikos.***** *Macromolecules* **2003**, *36*, 1349.

25. "Rheological study of semidilute aqueous solutions of a thermoassociative copolymer". T. Aubry,***** F. Bossard, G. Staikos and G. Bokias. *J. Rheol.* **2003**, *47*, 577.

26. "Water-soluble polyelectrolyte complexes formed by poly(diallyldimethylammonium chloride) and poly(sodium acrylate-co-sodium 2-acrylamido-2-methyl-1-propane-sulphonate)-graft-poly(N,N-dimethylacrylamide) copolymers". M. Sotiropoulou, C. Cincu, G. Bokias and G. Staikos.* *Polymer* **2004**, *45*, 1563.

27. "Upper critical solution temperature - type cononsolvency of poly(N,N-dimethylacrylamide) in water - organic solvent mixtures". K. Pagonis and G. Bokias.* *Polymer* **2004**, *45*, 2149.

28. "Poly(N-isopropylacrylamide) grafted to a strongly charged backbone : Thermo-responsive behavior in aqueous solution". N. Chourdakis, G. Bokias* and G. Staikos. *J. Appl. Polym. Sci.* **2004**, *92*, 3466.

29. "Thermoresponsive behaviour in aqueous solution of poly(maleic acid-alt-vinyl acetate) grafted with poly(N-isopropylacrylamide)". C.Vasile, G.-G. Bumbu, I. Mylonas, G. Bokias* and G. Staikos. *Polym. Int.* **2004**, *53*, 1176.

30. "Study of poly(N,N-dimethylacrylamide)/CdS nanocomposite organic/inorganic gels". V. Bekiari, K. Pagonis, G. Bokias and P. Lianos.* *Langmuir* **2004**, *20*, 7972.

31. "Miscibility study of blends of polysulfone with a methacrylamide polymer containing quaternized alkylammonium sites". Th. Boussios, G. Bokias* and J. K. Kallitsis. *J. Macromol. Sci. Pure and Appl. Chem.* **2004**, *41*, 1233.

32. "Water-soluble complexes through coulombic interactions between bovine serum albumin and anionic polyelectrolytes grafted with hydrophilic nonionic side chains". M. Sotiropoulou, G. Bokias and G. Staikos.* *Biomacromolecules* **2005**, *6*, 1835.

33. "Water-soluble complexes between cationic surfactants and comb-type copolymers consisting of an anionic backbone and hydrophilic nonionic poly(N,N-dimethylacrylamide) side chains". I. Balomenou and G. Bokias.***** *Langmuir* **2005**, *21*, 9038.

34. "Control of the lower critical solution temperature - type cononsolvency properties of poly(N-isopropylacrylamide) in water - dioxane mixtures through copolymerisation with acrylamide".G. Dalkas, K. Pagonis and G. Bokias.***** *Polymer* **2006**, *47*, 243.

35. "Temperature-Sensitive Water-Soluble Polyelectrolyte/Surfactant Complexes Formed between Dodecyltrimethylammonium Bromide and a Comb-Type Copolymer Consisting of an Anionic Backbone and Poly(*N*-isopropylacrylamide) Side Chains". P. Tsolakis, and G. Bokias.***** *Macromolecules* **2006**, *39*, 393.

36. "Interpolymer association between hydrophobically modified poly(sodium acrylate) and poly(N-isopropylacrylamide) in water: The role of hydrophobic interactions and polymer structure". Y. Mylonas, G. Bokias,***** I. Iliopoulos and G. Staikos. *Eur. Polym. J.* **2006**, *42*, 849.

37. "Simultaneous Lower and Upper Critical Solution Temperature - Type Cononsolvency Behaviour exhibited in Water - Dioxane Mixtures by Linear Copolymers and Hydrogels containing N-isopropylacrylamide and N,N-dimethylacrylamide". K. Pagonis and G. Bokias.***** *Polym. Int.* **2006**, *55*, 1254.

38. "Water-soluble polyelectrolyte complexes formed between poly(sodium acrylate) and poly(acrylamide-*co*-[3-(methacryloylamino)propyl] trimethylam-monium chloride)-*graft*-polyacrylamide copolymers". A. Matralis, M. Sotiropoulou, G. Bokias and G. Staikos.***** *Macromol. Chem. Phys.* **2006**, *207*, 1018.

39. "Water-Soluble Hydrogen-Bonding Interpolymer Complex Formation between Poly(ethylene glycol) and Poly(acrylic acid) Grafted with Poly(2-acrylamido-2-methylpropanesulfonic acid)". P. Ivopoulos, M. Sotiropoulou, G. Bokias and G.Staikos.***** *Langmuir* **2006**, *22*, 9181.

40. "Temperature- and solvent- sensitive hydrogels based on N-isopropylacrylamide and N,N-dimethylacrylamide". K. Pagonis and G. Bokias.***** *Polym. Bull.* **2007**, *58*, 289.

41. "Physicochemical study of the complexation of poly(acrylic acid) with Cu^{2+} ions in water". Z. Iatridi, G. Bokias* and J.K. Kallitsis. *J. Appl. Polym. Sci.* **2008**, *108*, 769.

42. "Use of poly(N,N-dimethylarylamide-co-sodium acrylate) hydrogel to extract cationic dtes and metals from water". V. Bekiari, M. Sotiropoulou, G. Bokias and P. Lianos.* *Colloids and Surfaces A:Physicochem. Eng. Aspects* **2008**, *312*, 214.

43. "Stabilization in water of polymer/Cu^{2+} complexes using poly(sodium acrylate)-graft-poly(N,N-dimethylacrylamide) graft copolymers". Z. Iatridi and G. Bokias.* *Macromol. Chem. Phys.* **2008**, *209*, 1029.

44. "Comparative study of electrostatic binding vs. complexation of Cu^{2+} ions with water-soluble polymers containing styrene sulphonic acid and/or maleic acid units or their sodium salt forms". E.K. Oikonomou, G. Bokias* and J.K. Kallitsis. *J. Polym. Sci. Part B- Polym. Phys.* **2008**, *46*, 1149.

45. "Direct synthesis of amphiphilic block copolymers, consisting of poly(methyl methacrylate) and poly(sodium styrene sulfonate) blocks through atom transfer radical polymerization". E.K. Oikonomou, E.K. Pefkianakis, G. Bokias and J.K. Kallitsis.* *Eur. Polym. J.* **2008**, *44*, 1857.

46. "The role of intrachain and interchain interactions of regioregular poly(3-octylthiophene) chains on the optical properties of a new amphiphilic conjugated random copolymer in solution". A.A. Stefopoulos, C.L. Chochos,* G. Bokias and J.K. Kallitsis. *Langmuir* **2008**, *24*, 11103.

47. "Formation of Ternary Poly(acrylic acid)-Surfactant-Cu^{2+} Complexes in Aqueous Solution: Quenching of Pyrene Fluorescence and pH-controlled "On-Off" Emitting Properties". Z. Iatridi and G. Bokias.* *Langmuir* **2008**, *24*, 11506.

48. "Stimuli-responsive poly(ethylene oxide)-b-poly(2-vinylpyridine)-b-poly(ethylene oxide) triblock copolymers and complexation with poly(acrylic acid) at low pH". A. Karanikolas, P. Tsolakis, G. Bokias* and C. Tsitsilianis.* *Eur. Phys. J. E* **2008**, *27*, 335.

49. "Temperature-Sensitive Water-Soluble Hybrid Organic/Inorganic Nanoparticles Formed through Complexation of Cu^{2+} Ions with Poly(sodium acrylate)-g-poly(N-isopropylacrylamide) Comb-type Copolymers in Aqueous Solution". Z. Iatridi and G. Bokias.* *Langmuir* **2009**, *25*, 7695.

50. "Time-dependent Cu^{2+} - Induced Gelation of Poly(ethylene-alt-maleic acid) in Aqueous Solution". E. K. Oikonomou, N. Lezi, G. Bokias,* J.K. Kallitsis and I. Iliopoulos. *Eur. Polym. J.* **2009**, *45*, 3426.

51. "Adsorption of Nile Red by Poly(N-isopropylacrylamide) Gels in Binary Water/Tetrahydrofuran Mixtures". I. Thivaios and G. Bokias.* *J. Appl. Polym. Sci.* **2010**, *116*, 1509.

52. "Medium Effect on the Geometric Isomerism of a Centrosymmetrically Disubstituted Naphthalene Derivative with Flexible Methoxytriethylene Glycol Chains". I. Balomenou, A. Kaloudi-Chantzea, G. Bokias, J.K. Kallitsis, C.P. Raptopoulou, A. Terzis and G. Pistolis. *J. Phys. Chem. B* **2010**, *114*, 8181.

53. "Investigation of Binary Polymer/Surfactant or Ternary Polymer/Surfactant/Cu^{2+} Complexes in Aqueous Solution through Nile Red Probing". Z. Iatridi, A. Daktiloudis and G. Bokias.***** *Polym. Int.* **2010**, *59*, 1168.

54. "pH-responsive photoluminescence properties in aqueous solution of a water-soluble copolymer containing quinoline groups". A.Kalogianni, E. Pefkianakis, A. Stefopoulos, G. Bokias***** and J.K. Kallitsis. *J. Polym. Sci. Part B- Polym. Phys.* **2010**, *48*, 2078.

55. "Poly(sodium styrene sulfonate)-b-Poly(methyl methacrylate) Diblock Copolymers through Direct Atom Transfer Radical Polymerization : Influence of Hydrophilic-Hydrophobic Balance on Self-Organization in Aqueous Solution". E.K. Oikonomou, A. Bethani, G. Bokias and J.K. Kallitsis.***** *Eur. Polym. J.* **2011**, *47*, 752-761

56. "Formation of Hybrid Wormlike Micelles upon Mixing Cetyl Trimethylammonium Bromide with Poly(methyl methacrylate-co- sodium styrene sulfonate) Copolymers in Aqueous Solution". E.K. Oikonomou, G. Bokias,***** J.K. Kallitsis and I. Iliopoulos. *Langmuir* **2011**, *27*, 5054-5061.

57. "Temperature-responsive Photoluminescence of Quinoline-labeled Poly(N-isopropylacrylamide) in Aqueous Solution". I. Thivaios, I. Diamantis, G. Bokias***** and J.K. Kallitsis. *Eur. Polym. J.* **2012**, *48*, 1256-1265.

58. "Development of Cu^{2+}- and/or phosphonium-based polymeric biocidal materials and their potential application in antifouling paints". E.K. Oikonomou, Z. Iatridi, M. Moschakou, P. Damigos, G. Bokias,***** J.K. Kallitsis. *Progr. Org. Coatings* **2012**, *75*, 190-199.

59. "Sequential Association of Anionic/Thermosensitive Diblock Copolymers with Cationic Surfactants". E.K. Oikonomou, G. Bokias,***** I. Iliopoulos, and J.K. Kallitsis. *Macromolecules* **2013**, *46*, 1082-1092.

60. "Synthesis and self-association in dilute aqueous solution of hydrophobically modified polycations and polyampholytes based on 4-vinylbenzyl chloride". N.D. Koromilas, G.Ch. Lainioti, E.K. Oikonomou, G. Bokias and J. K. Kallitsis. *Eur. Polym. J.* **2014**, *54*, 39–51.

61. "Application of hydrophobically modified water-soluble polymers for the dispersion of hydrophobic magnetic nanoparticles in aqueous media". Z. Iatridi, V. Georgiadou, M. Menelaou, C. Dendrinou-Samara***** and G. Bokias*. *Dalton Trans.* **2014**, *43*, 8633-8643.

62. "Doubly-grafted copolymers with hydrophilic and thermosensitive side chains: Thermosensitivity and complexation with surfactants". A. Daktiloudis, A. Chronaios, N. Mavriki, Z. Iatridi and G. Bokias*. *J. Colloid Interface Sci.* **2014**, *430*, 293-301.

63. "Ionic hydrogels as potential sorbent materials of organic and inorganic charged pollutants". M. Zamparas, G. Linardatos, G. Bokias, and V. Bekiari. *J. Surf. Interface Mater.* **2014**, *2*, 299-304.

64. "Quinoline-functionalized cross-linked poly(vinyl acetate) and poly(vinyl alcohol) nanoparticles as potential pH-responsive luminescent sensors". A. Moutsiopoulou, A.K. Andreopoulou, G. Lainioti, G. Bokias*, G. Voyiatzis and J.K. Kallitsis. *Sensors and Actuators B*, **2015**, *211*, 235–244.

65. "Release of polymeric biocides from synthetic matrices for marine biofouling applications". V. Bekiari, K. Nikolaou, N. Koromilas, G. Lainioti, P. Avramidis, G. Hotos, J. K. Kallitsis and G. Bokias. *Agriculture and Agricultural Science Procedia* **2015**, *4*, 445 – 450.

66. "Magnetic colloidal superparticles of Co, Mn and Ni ferrite featured with comb-type and/or linear amphiphilic polyelectrolytes; NMR and MRI relaxometry". M. Menelaou, Z. Iatridi, I. Tsougos, K. Vasiou, C. Dendrinou-Samara and G. Bokias. *Dalton Trans.* **2015**, *44*, 10980-10990.

67. "Evaluation of antimicrobial efficiency of new polymers comprised by covalently attached and/or electrostatically bound bacteriostatic species, based on quaternary ammonium compounds". E. Kougia, M. Tselepi, G. Vasilopoulos, G. Ch. Lainioti, N. D. Koromilas, D. Druvari, G. Bokias, A. Vantarakis* and J. K. Kallitsis.* *Molecules* **2015**, *20*, 21313–21327.

68. "Surfactant-directed morphology of cross-linked styrene- or vinylbenzyl chloride-based materials". M. Karamitrou, E. Sarpaki, G. Bokias.* *J. Appl. Polym. Sci.* **2016**, 43297.

69. "Quinoline-labeled poly(N-isopropylacrylamide): A selective polymeric luminescent sensor of cationic surfactants". I. Thivaios, V. Koukoumtzis, J.K. Kallitsis and G. Bokias.* *Sensors and Actuators B*, **2016**, *233*, 127-135.

70. "A library of quinoline-labeled water-soluble copolymers with pH-tunable fluorescence response in the acidic pH region". I. Thivaios, S. Kakogianni and G. Bokias*. *Macromolecules* **2016**, *49*, 3526-3534.

71. "Evaluation of the release characteristics of covalently attached or electrostatically bound biocidal polymers utilizing SERS and UV-Vis absorption". G. N. Mathioudakis, A. Soto Beobide*, N. D. Koromilas, J. K. Kallitsis, G. Bokias and G. A. Voyiatzis. *eXPRESS Polymer Letters* **2016**, *10*, 750–761.

72. "Multifunctional Polymeric Platform of Magnetic Ferrite Colloidal Superparticles for Luminescence, Imaging, and Hyperthermia Applications". Z. Iatridi, K. Vamvakidis, I. Tsougos, K. Vassiou, C. Dendrinou-Samara* and G. Bokias*. *ACS Applied Materials and Interfaces* **2016**, *8*, 35059−35070.

73. "Polymeric Quaternary Ammonium-Containing Coatings with Potential Dual Contact-Based and Release-Based Antimicrobial Activity". D. Druvari, N. D. Koromilas, G.

Ch. Lainioti, G. Bokias, G. Vasilopoulos, A. Vantarakis, I. Baras, N. Dourala and J. K. Kallitsis*. *ACS Applied Materials and Interfaces* **2016**, *8*, 35593−35605.

74. "Polymeric antimicrobial coatings based on quaternary ammonium compounds". D. Druvari, N.D. Koromilas, V. Bekiari, G. Bokias and J.K. Kallitsis. *Coatings* **2018**, *8*, 8.

75. "UV-Triggered Optical Response and Oxygen Scavenging Ability of a Water-Soluble Poly(N,N-dimethylacrylamide-co-2-vinylbenzylanthraquinone) Copolymer". M. Karamitrou, G.A. Voyiatzis, J.K.Kallitsis and G. Bokias*. *Macromolecular Materials and Engineering* **2018**, *303*, article number 1700450.

76. "Electrochromic cell with hydrogel-stabilized water-based electrolyte using electrodeposition as a fast color changing mechanism". M. Rozman, U. Bren, M. Lukšič, R.F. Godec, G. Bokias, A.N. Kalarakis and E. Stathatos*. *Electrochimica Acta* **2018**, *283*, 1105-1114.

CHAPTERS IN BOOKS

1. "Water Soluble Polymer Systems – Phase Behaviour and Complex Formation". G. Staikos, G. Bokias and G.G. Bumbu. *Handbook of Polymer Blends and Composites, Volume 3A* (C. Vasile and A.K. Kulshreshtha, Eds.). Rapra Technology Ltd, UK **2003**, ch. 5, pp. 135-178.

2. "Water Soluble Polymer Systems – Applications of Interpolymer Complexes and Blends". G. Staikos, G. Bokias and G.G. Bumbu. *Handbook of Polymer Blends and Composites, Volume 3A* (C. Vasile and A.K. Kulshreshtha, Eds.). Rapra Technology Ltd, UK **2003**, ch. 6, pp. 179-214.

3. "Hydrogen-Bonded Interpolymer Complexes Soluble at Low pH". G. Staikos, M. Sotiropoulou, G. Bokias, F. Bossard, J. Oberdisse and E. Balnois. *Hydrogen-Bonded Interpolymer Complexes. Formation, Structure and Applications* (V.V. Khutoryanskiy and G. Staikos, Eds.). World Scientific Publishing Co, Singapore **2009**, ch. 2, pp. 23-53.

4. "Potentiometric Investigation of Hydrogen-Bonded Interpolymer Complexation". G. Staikos, G.G. Bumbu and G. Bokias. *Hydrogen-Bonded Interpolymer Complexes. Formation, Structure and Applications* (V.V. Khutoryanskiy and G. Staikos, Eds.). World Scientific Publishing Co, Singapore **2009**, ch. 2, pp. 55-68.

PATENTS

French patent : G. Bokias, A. Cadix, D. Hourdet, I. Iliopoulos, F. Lafuma and P. Maroy."Solution aqueuses de polymeres qui viscosifient de maniere reversible ou se transforment en gel de maniere reversible , sous l' effet d' un cisaillement". FR 28 26 015, France **2001**.

GUEST-EDITOR

Special Issue "*Hybrid Polymeric matetials*", MDPI.

CITATIONS

My work has been cited about 1500 times, in total. These include more than 1250 citations by other researchers. h-index = 22.