



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Aikaterini K. ANDREOPOULOU**

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+302610962957 (office)

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E-mail Professional: andreopo@upatras.gr, kandreop@chemistry.upatras.gr; Personal: kandreop@yahoo.gr

Nationality Greek

Date of birth 11/10/1976

Gender Female

Occupational field **Researcher / Materials Development, Sustainable Energy Applications**

Work experience

Dates	05/2016 – to date
Occupation or position held	Post Doctoral Researcher
Main activities and responsibilities	Development of semiconducting polymer and hybrid nanomaterials for Organic Photovoltaics – Group leading position, coordination of research and reporting activities, project representative in consortium meetings.
Name and address of employer	Department of Chemistry, University of Patras, GR-26504 Rio-Patras, Greece.
Type of business or sector	University, Research
Dates	02/2016 – to date
Occupation or position held	Contracted Employee
Main activities and responsibilities	Operation of Nuclear Magnetic Resonance Spectrometers, Gas Phase Chromatographer, Matrix Assisted Laser Desorption Ionization Time Of Flight Mass Spectrometer, Ultra High Performance Liquid Chromatography-Electrospray Ionization-Tandem Mass Spectrometer. Preparation, analysis and reporting of laboratory samples.
Name and address of employer	Instrumental Analysis Laboratory Main Facilities of the University of Patras, GR-26504 Rio-Patras, Greece.
Type of business or sector	University, Contracted Analytical Instruments Operator
Dates	10/2015 – 04/2016
Occupation or position held	Post Doctoral Researcher
Main activities and responsibilities	Resistance to Solvents of Non-Hermetic Components Encapsulation Materials, Literature extended survey on materials and techniques relevant to the project's scopes. Protocol and Evaluation Criteria Development and Assessment.
Name and address of employer	Department of Mechanical Engineering and Aeronautics, University of Patras, GR-26504 Rio-Patras, Greece.
Type of business or sector	University, Research
Dates	10/2014 – 09/2015
Occupation or position held	Post Doctoral Researcher
Main activities and responsibilities	Development of semiconducting and hybrid polymeric materials for photovoltaic applications. Group leading position, coordination of research and reporting activities, project representative in consortium meetings.
Name and address of employer	Department of Chemistry, University of Patras, GR-26504 Rio-Patras, Greece.

Type of business or sector	University, Research
Dates	04/2014 – 09/2014
Occupation or position held	Post Doctoral Researcher
Main activities and responsibilities	Development of semiconducting polymers with light emitting properties. Group leading position, coordination of research and reporting activities, project representative in consortium meetings.
Name and address of employer	Department of Chemistry, University of Patras, GR-26504 Rio-Patras, Greece.
Type of business or sector	University, Research
Dates	03/2013 – 03/2014
Occupation or position held	Post Doctoral Researcher
Main activities and responsibilities	Development of semiconducting and hybrid polymeric materials for photovoltaic applications. Group leading position, coordination of research and reporting activities, project representative in consortium meetings.
Name and address of employer	Department of Chemistry, University of Patras, GR-26504 Rio-Patras, Greece.
Type of business or sector	University, Research
Dates	04/2012 – 02/2013
Occupation or position held	Post Doctoral Researcher
Main activities and responsibilities	Design and development of biodegradable polymeric materials and nanoparticles, as barriers or sensors applicable in food packaging. Coordination of research activities, reporting of project activities and deliverables.
Name and address of employer	Institute of Chemical Engineering Sciences (ICE-HT)/ Foundation for Research and Technology, Hellas (FORTH), Stadiou Str., Platani, GR-26504 Patras, Greece.
Type of business or sector	Academic Institute, Research
Dates	10/2011 – 03/2012
Occupation or position held	Post Doctoral Researcher
Main activities and responsibilities	Design and synthesis of polymeric and hybrid materials for photovoltaic applications. Group leading position, coordination of research and reporting activities, project representative in meetings.
Name and address of employer	Department of Chemistry, University of Patras, GR-26504 Rio-Patras, Greece.
Type of business or sector	University, Research
Dates	06/2010 – 09/2011
Occupation or position held	Post Doctoral Researcher
Main activities and responsibilities	Development of polymer electrolytes for high temperature polymer electrolyte membrane fuel cells (HT-PEMFCs) with increased robustness and stability at elevated temperatures even up to 220°C. Reporting of research activities and deliverables, project representative in consortium meetings.
Name and address of employer	Institute of Chemical Engineering Sciences (ICE-HT)/ Foundation for Research and Technology, Hellas (FORTH), Stadiou Str., Platani, GR-26504 Patras, Greece.
Type of business or sector	Academic Institute, Research
Dates	01/2010 – 05/2010
Occupation or position held	Consultant Researcher
Main activities and responsibilities	Research on new polymer electrolyte membranes for hydrogen high temperature polymer electrolyte membrane fuel cells (HT-PEMFCs) operating above 180°C.
Name and address of employer	ADVENT TECHNOLOGIES S.A., Stadiou Str., GR-26504 Platani Patras, Greece
Type of business or sector	Industry
Dates	02/2009 – 09/2009
Occupation or position held	Post Doctoral Researcher
Main activities and responsibilities	Polymer Electrolytes synthesis and membrane extended characterization for applications in high temperature polymer electrolyte membrane fuel cells (HT-PEMFCs) operating on hydrogen.
Name and address of employer	Department of Chemistry, University of Patras, GR-26504 Rio-Patras, Greece.
Type of business or sector	University, Research
Dates	05/2008 – 12/2008
Occupation or position held	Post Doctoral Researcher

Main activities and responsibilities	Research on Intermediate and high Specialised Membrane Electrode Assemblies. Reporting of research activities, project representative in consortium meetings.
Name and address of employer	Department of Chemistry, University of Patras, GR-26504 Rio-Patras, Greece.
Type of business or sector	University, Research
Dates	04/2007 – 04/2008
Occupation or position held	Post Doctoral Researcher
Main activities and responsibilities	Synthesis and characterization of polymer electrolytes for high temperature polymer electrolyte membrane fuel cells.
Name and address of employer	Department of Chemistry, University of Patras, GR-26504 Rio-Patras, Greece.
Type of business or sector	University, Research
Dates	11/2006 – 03/2007
Occupation or position held	Post Doctoral Researcher
Main activities and responsibilities	Design and development of polymer hydrogels based on water soluble blocks and metallocomplexes of Ru(II) ions with terpyridine ligands.
Name and address of employer	Department of Chemical Engineering, University of Patras, GR-26504 Rio-Patras, Greece
Type of business or sector	University, Research
Dates	11/2005 – 11/2006
Occupation or position held	Post Doctoral Fellow
Main activities and responsibilities	Dendronized polymers of different chemical and structural architectures using a newly developed single electron transfer living radical polymerization (SET-LRP), synthesis and extended characterization.
Name and address of employer	Department of Chemistry, Roy & Diana Vagelos Laboratories, University of Pennsylvania, Philadelphia PA, USA.
Type of business or sector	University, Research
Dates	11/2004 – 10/2005
Occupation or position held	Post Doctoral Fellow
Main activities and responsibilities	Development of electron donating and accepting polymers for photovoltaic applications.
Name and address of employer	Department of Chemistry, University of Patras, GR-26504 Rio-Patras, Greece.
Type of business or sector	University, Research
Education and training	
Dates	2001 – 2004
Title of qualification awarded	Ph.D. in Chemistry
Principal subjects/occupational skills covered	Title: "Syntheses and Characterization of Shape Persistent Macromolecular Systems"
Name and type of organisation providing education and training	Department of Chemistry, University of Patras, Greece
Level in national or international classification	ISCED 8
Dates	1999 – 2001
Title of qualification awarded	M.Sc. in the "Program on Polymer Science and Technology",
Principal subjects/occupational skills covered	Title: "Syntheses of Dendronized Polymers"
Name and type of organisation providing education and training	Department of Chemistry, University of Patras, Greece
Level in national or international classification	ISCED 7
Dates	1994 – 1999
Title of qualification awarded	B.Sc. in Chemistry

Principal subjects/occupational skills covered	Basic principles of inorganic, organic, physical and analytical chemistry, biochemistry, catalysis food chemistry and biotechnology, polymer science, structural and environmental chemistry, chemical industries.
Name and type of organisation providing education and training	Department of Chemistry, University of Patras, Greece
Level in national or international classification	ISCED 6

Personal skills and competences

Mother tongue(s) **Greek**

Other language(s)

Self-assessment

European level (*)

English

German

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C 2	Proficient user	C 2	Proficient user	C 2	Proficient user	C 2	Proficient user	C 2	Proficient user
B 1	Independent user	B 1	Independent user	B 1	Independent user	B 1	Basic user	B 1	Independent user

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences I have successfully and efficiently worked in many different teams at home and abroad, collaborating with younger and senior scientists. I have the ability to discuss and communicate with people of different cultures and nationalities. I can work simultaneously on different projects and carry out administrative and research tasks with proven success.

Organisational skills and competences I can work independently but I can also efficiently collaborate with younger or more experienced colleagues when working in a team. I have provided guidance and trained younger scientists, undergraduate and graduate MSc younger scientists. Ongoing, I have supervised 11 undergraduate, 10 MSc and 6 PhD students. Over the past years that I have been working as a researcher in various institutions, I undertook the task not only to successfully lead the research activities of several research projects but also to perform administrative actions and to prepare and submit reports and deliverables. In most of these European and National projects I have initiated and participated to their preparation and submission actions and I have been the group's representative in projects meetings.

Technical skills and competences

- Expertise in the research area "Design and development of complex macromolecular architectures and hybrid systems for energy related applications".
- Advanced knowledge of material science characterization techniques: NMR, FT IR, SEC, DSC, DMA, TGA, UV Vis, PL, CD, X-ray, MALDI-TOF/TOF, UHPLC-ESI/MS-MS.

Computer skills and competences Certificate ECDL SV 4 (Word Processing, Spreadsheets, Information- Communication). Excellent knowledge of Adobe Illustrator, PhotoShop, OriginLab, ChemDraw. Data bases of Web of Science, Scopus, Science Direct, SciFinder Scholar. Operation of different analytical instruments software packages.

Other skills and competences Literature, swimming, travelling.

Driving licence Greek driving license with European use for category of vehicle B.

Additional information**Distinctions-Awards:**

- Participation in the **Marie-Curie-Training Site "Methods of Polymer Characterization"** HPMT-CT-2000-00015, Max-Planck Institute for Polymer Research, Mainz Germany.
- **L'ORÉAL-UNESCO 2008 Greek Award** for Women in Science, in the Material Science Area.
- Independent Expert acting as an Evaluator and Rapporteur in Stage 1 of the **FP7-NMP-2013-Small-7, NMP-2013-4.0-2 "Innovative materials for efficient, stable and cheap organic photovoltaic cells"** Remote Evaluations, November 2012.
- Independent Remote Expert Evaluator in **H2020 FET OPEN RIA Call 2015/2**, cut-off date 29th September 2015: **Future & Emerging Technologies (FET-OPEN) - Novel Ideas For Radically New Technologies –Research and Innovation Actions (RIA)**, November 2015.

Reviewer in Scientific Journals

Journal of Molecular Structure
ChemPhysChem
Macromolecules
Materials Today Proceedings
PLoS ONE
Nanoscience and Nanotechnology Letters

Citations Report

- Number of Publications in peer reviewed international journals: **39**
- Number of citations: **~470**
- **h index = 13**

Annexes

Research Projects List, Teaching Experience, Publications List, Conferences Participation List.

Aikaterini K. Andreopoulou



12 July 2017

Annexes

PARTICIPATION IN RESEARCH PROJECTS

- 1) 2001- 2003: "Specialty Antimicrobial Polymeric Materials", GROWTH, G5RD-CT-2001-00568.
- 2) 2000 – 2001 and 2003 – 2004: ICE-HT FORTH Internal Research project: "Synthesis and Characterization of blue light emitting polymers".
- 3) 11/2004 – 10/2005: "EPAN E13 – Development of Flexible Photovoltaics" General Secretariat of Research and Technology Greece.
- 4) 11/2006 – 03/2007: "Pythagoras II – Responsive Physical Networks from Block Copolymers of Controlled Architectures" Ministry of National Education and Religious Affairs – EC MIS 97519.
- 5) 04/2007 – 04/2008: "Apollon B–Polymer Electrolytes and Non Noble Metal Electrocatalysts for High Temperature PEM Fuel Cells" FP6-2004-NMP-TI-4.
- 6) 05/2008 – 12/2008: "Carisma-Coordination Action of Research on Intermediate and High Specialised Membrane Electrode Assemblies" FP6-Contract No 039041.
- 7) 02/2009 – 09/2009: "Polymer Electrolyte Membranes: Synthesis and Characterization" Contracted Research Project University of Patras FK-C.615.
- 8) 01/2010 – 09/2011: "IRAFC-Development of an Internal Reforming Alcohol High Temperature PEM Fuel Cell Stack", JTI-FCH-JU-2008-245202.
- 9) 10/2011 – 03/2012: "Development of nanostructured organic and inorganic materials and thin films for molecular electronics"-Nanorganic, 09SYN-42-722, GSRT-Greece.
- 10) 04/2012 – 02/2013: "Extended Shelf-Life Biopolymers for Sustainable and Multifunctional Food Packaging Solutions – Nanobarrier" EU FP7 GA No 280759.
- 11) 03/2013 – 03/2014: "Design and Development of New Electron Acceptor Polymeric and Hybrid Materials and their Application in Organic Photovoltaics – DENE A 2780" GSRT-Greece.
- 12) 05/2014 - 10/2014: "DEMSTACK - Understanding the Degradation Mechanisms of a High Temperature PEMFC Stack and Optimization of the Individual Components" JTI-FCH-JU-2012- 325368.
- 13) 04/2014 – 09/2014: "Green/k Sustainable Lighting - GR-Light" 11ΣYN-5-573, GSRT-Greece.
- 14) 10/2014 – 09/2015: "Design and Development of New Electron Acceptor Polymeric and Hybrid Materials and their Application in Organic Photovoltaics – DENE A 2780" GSRT-Greece.
- 15) 10/2015 – 04/2016: "Resistance to Solvents of Non-Hermetic Components Encapsulation Materials- RESOLVE" ESA Contract No.:4000112772/14/NL/PA.
- 16) 02/2016 – to date: "Contracted Employee at the Central Facilities of Instrumental Analysis Laboratory of University of Patras" FK. 1587
- 17) 05/2016 – to date: "Development of smart machines, tools and processes for the precision synthesis of nanomaterials with tailored properties for Organic Electronics – Smartonics" Grant Agreement No 310229 – FP7-NMP-Large-2012.1.4-1.

TEACHING EXPERIENCE

- Participation in the laboratory courses:
 - ▶ "Characterization of Polymers" of the "Interdepartmental program of postgraduate studies in "Polymer Science and Technology" Department of Chemistry, University of Patras,
 - ▶ "Polymer Science" Department of Chemical Engineering, University of Patras.
 - ▶ "Physical Processes of Chemical Technology" Department of Chemistry, University of Patras, Appointed Non Permanent Lecturer 407/80 2008-2009.
- Participation in the Summer Courses "Green & Viable Chemistry" July 2008, Department of Chemistry, University of Patras.
- Supervision of 11 Undergraduate, 10 Master and 6 PhD Diploma Thesis.

PUBLICATIONS IN PEER REVIEWED SCIENTIFIC JOURNALS

1) "From terphenyl-dendronized macromonomers to aromatic-aliphatic polyethers bearing two pendant dendrons per repeating unit"

A. K. Andreopoulou, J. K. Kallitsis,
Macromolecules, **2002**, 35, 5808.

<http://pubs.acs.org/doi/full/10.1021/ma020255s>

2) "A Novel Proton Conducting Polyelectrolyte Composed of an Aromatic Polyether Containing Main-Chain Pyridine Units for Fuel Cells Applications"

N. Gourdoupi, A. K. Andreopoulou, V. Deimede, J. K. Kallitsis,
Chem. Mater. **2003**, 15, 5044.

<http://pubs.acs.org/doi/full/10.1021/cm0347382>

3) "Processable Photonic Polymers with Controllable Properties"

J. K. Kallitsis, A. K. Andreopoulou,

J. Polym. Sci. Polym. Phys. **2003**, 41, 2485.

<http://onlinelibrary.wiley.com/doi/10.1002/polb.10637/full>

4) "Syntheses and Characterization of Conjugated Polymers and Their Blends for Optoelectronic Applications"

S.P. Economopoulos, G.K. Govaris, C.L. Chochos, A.K. Andreopoulou, N.P. Tzanetos, J.K. Kallitsis, P. Yianoulis and V.G. Gregoriou,
Macromol. Symp. **2004**, 205, 19.

<http://onlinelibrary.wiley.com/doi/10.1002/masy.200450103/pdf>

5) "Effect of the Chain Length on the Photonic Efficiency of Aromatic-Aliphatic Dendronized Polyethers"

G. Pistolis, A. K. Andreopoulou, A. Malliaris, J. K. Kallitsis,
Macromolecules, **2004**, 37, 1524.

<http://pubs.acs.org/doi/full/10.1021/ma035568h>

6) "Dendronized Rigid – Flexible Macromolecular Architectures: Syntheses, Structure and Properties in Bulk"

A. K. Andreopoulou, B. Carbonnier, J. K. Kallitsis, T. Pakula,
Macromolecules, **2004**, 37, 3576.

<http://pubs.acs.org/doi/full/10.1021/ma035688p>

7) "Incorporation of low molecular weight biocides into polystyrene-divinyl benzene beads with controlled release characteristics"

S. Ikonopoulou, A. K. Andreopoulou, A. Soto, J. K. Kallitsis, G. A. Voyiatzis,
J. Controlled Release, **2005**, 102, 223.

doi:10.1016/j.jconrel.2004.10.006

8) "Effect of Structural Parameters on the Supramolecular Organization of Rigid-Flexible Polymers"

B. Carbonnier, A. K. Andreopoulou, T. Pakula, J. K. Kallitsis,
Macromol. Chem. Phys. **2005**, 206, 66.

<http://onlinelibrary.wiley.com/doi/10.1002/macp.200400202/full>

9) "Synthesis and Optical Properties of New End-Functionalized Polyquinolines"

S.P. Economopoulos, A.K. Andreopoulou, V.G. Gregoriou, J.K. Kallitsis,
Chem. Mater. **2005**, 17, 1063.

<http://pubs.acs.org/doi/full/10.1021/cm047909r>

10) "Direct Observation of Odd-Even Effect in Dilute Polymeric Solutions: A Time-Resolved Anisotropy Study"

G. Pistolis, A. K. Andreopoulou, A. Malliaris, J. K. Kallitsis,
J. Phys. Chem. B. **2005**, 109, 11538.

<http://pubs.acs.org/doi/full/10.1021/jp044662c>

11) "Calcite Crystallization on Oxadiazole Terpyridine Copolymers"

A. Chrissanthopoulos, N. Tzanetos, A. K. Andreopoulou, J.K. Kallitsis, E. Dalas,
J. Cryst. Growth. **2005**, 280, 594.

doi:10.1016/j.jcrysgro.2005.02.074

12) "Side Chain Terpyridine Polymers through Atom Transfer Radical Polymerization and their Ruthenium Complexes"

N. Tzanetos, A. K. Andreopoulou, J. K. Kallitsis,

J. Polym. Sc. Part A, Polym. Chem. **2005**, 43, 4838.

<http://onlinelibrary.wiley.com/doi/10.1002/pola.20950/full>

- 13)** "An "Attachment via Coordination" Approach towards Side Chain Dendritic Polymers"
A. K. Andreopoulou, J. K. Kallitsis,
Eur. J. Org. Chem. **2005**, 4448.
<http://onlinelibrary.wiley.com/doi/10.1002/ejoc.200500370/full>
- 14)** "ZnS Deposition on Oxadiazole–Terpyridine Copolymer"
A. Chrissanthopoulos, N. P. Tzanetos, A. K. Andreopoulou, J. Kallitsis, E. Dalas,
J. Appl. Polym. Sci. **2006**, *101*, 1913.
<http://onlinelibrary.wiley.com/doi/10.1002/app.23656/full>
- 15)** "Synthesis of Soluble Main-Chain Poly(Quinolines)"
S. P. Economopoulos, A. K. Andreopoulou, V. G. Gregoriou, J. K. Kallitsis,
J. Macromol. Sci., Part A: Pure and Applied Chemistry, **2006**, *43*, 977.
<http://www.informaworld.com/smpp/section?content=a747926083&fulltext=713240928>
- 16)** "Role of main chain rigidity and side-chain substitution on the supramolecular organization of rigid-flexible polymers"
P. Riala, A. Andreopoulou, J. Kallitsis, A. Gitsas, G. Floudas,
Polymer, **2006**, *47*, 7241.
[doi:10.1016/j.polymer.2006.05.079](http://dx.doi.org/10.1016/j.polymer.2006.05.079)
- 17)** "End-Functionalization of Semiconducting Species with Dendronized Terpyridine-Ru(II)-Terpyridine Complexes"
E. K. Pefkianakis, N. P. Tzanetos, C. L. Chochos, A. K. Andreopoulou,* J. K. Kallitsis,
J. Polym. Sc. Part A, Polym. Chem. **2009**, *47*, 1939.
<http://onlinelibrary.wiley.com/doi/10.1002/pola.23289/full>
- 18)** "Carbon Nanotubes Decorated with Terpyridine-Ruthenium Complexes"
A. A. Stefopoulos, E. K. Pefkianakis, K. Papagelis, A. K. Andreopoulou,* J. K. Kallitsis,*
J. Polym. Sc. Part A, Polym. Chem. **2009**, *47*, 2551.
<http://onlinelibrary.wiley.com/doi/10.1002/pola.23339/full>
- 19)** "Metallo-supramolecular Side-Chain Polymers and Polyelectrolyte-Metallo-supramolecular Surfactant Complexes"
M. R. Hammond, A. K. Andreopoulou, E. K. Pefkianakis, N. P. Tzanetos, J. K. Kallitsis, R. Mezzenga,
Chem. Mater., **2009**, *21*, 2169.
<http://pubs.acs.org/doi/full/10.1021/cm9002178>
- 20)** "Raman spectroscopy of single wall carbon nanotubes functionalized with terpyridine-ruthenium complexes"
M. Muller, K. Papagelis, J. Maultzsch, A. A. Stefopoulos, E. K. Pefkianakis, A. K. Andreopoulou, J. K. Kallitsis, C. Thomsen,
Phys. Status Solidi B, **2009**, *246*, 2721.
<http://onlinelibrary.wiley.com/doi/10.1002/pssb.200982304/full>
- 21)** "Aromatic Polyethers bearing immobilized phosphonate units for applications in PEMFCs"
K. D. Papadimitriou, A. K. Andreopoulou, J. K. Kallitsis,
J. Polym. Sc. Part A: Polym. Chem. **2010**, *48*, 2817.
<http://onlinelibrary.wiley.com/doi/10.1002/pola.24055/full>
- 22)** "Polymer and Hybrid Electron Accepting Materials Based on a Semiconducting Perfluorophenylquinoline"
A. A. Stefopoulos, S. N. Kourkoulis, S. Economopoulos, F. Ravani, A. K. Andreopoulou, K. Papagelis, A. Siokou, J. K. Kallitsis
Macromolecules, **2010**, *43*, 4827-4828.
<http://pubs.acs.org/doi/full/10.1021/ma100961y>
- 23)** "Influence of the Molecular Structure on the Properties and Fuel Cell Performance of High Temperature Polymer Electrolyte Membranes"
J. K. Kallitsis, M. Geormezi, N. Gourdoupi, F. Paloukis, A. K. Andreopoulou, C. Morfopoulou, S. G. Neophytides
ECS Transactions, **2010**, *33*, 811.
<http://www.ecsdl.org/getpdf/servlet/GetPDFServlet?filetype=pdf&id=ECSTF8000033000001000811000001&idtype=cvips&ident=free&pr og=search>
- 24)** "The Effect of Structural Variations on Aromatic Polyethers for High-Temperature PEM Fuel Cells"
C. Morfopoulou, A. K. Andreopoulou,* J. K. Kallitsis
J. Polym. Sc. Part A: Polym. Chem. **2011**, *49*, 4325.
<http://onlinelibrary.wiley.com/doi/10.1002/pola.24897/pdf>
- 25)** "Cross-linked high temperature polymer electrolytes through oxadiazole bond formation and their applications in HT PEM fuel cells"
C. I. Morfopoulou, A. K. Andreopoulou, M. K. Daletou, S. G. Neophytides, J. K. Kallitsis
J. Mater. Chem. A, **2013**, *1*, 1613-1622.
<http://pubs.rsc.org/en/content/articlepdf/2013/ta/c2ta00610c?page=search>

- 26)** "Cross-Linked High Temperature Polymer Electrolytes"
C. I. Morfopoulou, A. K. Andreopoulou, J. K. Kallitsis
Macromol. Symp. **2013**, 131-132, 58.
<http://onlinelibrary.wiley.com/doi/10.1002/masy.201300067/pdf>
- 27)** "A versatile approach for creating hybrid semiconducting polymer-fullerene architectures for organic electronics"
S. Kakogianni, S. N. Kourkouli, A. K. Andreopoulou,* J. K. Kallitsis
J. Mater. Chem A, **2014**, 2, 8110-8117.
<http://pubs.rsc.org/en/content/articlelanding/2014/ta/c4ta00741g/unauth#!divAbstract>
- 28)** "A Ruthenium-Based Light-Harvesting Antenna Bearing an Anthracene Moiety in Dye-Sensitized Solar Cells"
G. C. Vougioukalakis, M. Konstantakou, E. K. Pefkianakis, A. N. Kabanakis, T. Stergiopoulos, A. G. Kontos, A. K. Andreopoulou, J. K. Kallitsis, P. Falaras
Asian J. Org. Chem., **2014**, 3, 953-962
<http://onlinelibrary.wiley.com/doi/10.1002/ajoc.201402096/abstract>
- 29)** "An alternative anchoring methodology of organic sensitizers onto TiO₂ semiconductors for photoelectrochemical applications"
P. Giannopoulos, A. Nikolakopoulou, A. K. Andreopoulou,* L. Sygellou, J. K. Kallitsis, P. Lianos
J. Mater. Chem. A, **2014**, 2, 20748-20759
<http://pubs.rsc.org/en/Content/ArticleLanding/2014/TA/c4ta04515g#!divAbstract>
- 30)** "Low-Band Gap Electron-Donor Oligomeric Sensitizers Directly Connected Onto TiO₂ Nanoparticles for Dye Sensitized Solar Cells Applications"
P. Giannopoulos, C. Anastasopoulos, A. K. Andreopoulou, J. K. Kallitsis
J. Surf. Interfac. Mater., **2014**, 2, 274-279
<http://www.ingentaconnect.com/content/asp/jsim/2014/00000002/00000004/art00005>
- 31)** "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, J. K. Kallitsis
Sensors and Actuators B, **2015**, 211, 235-244
<http://www.sciencedirect.com/science/article/pii/S092540051500101X>
- 32)** "Synthesis, characterization and properties of yellow-light-emitting polyethers containing bis(styryl)anthracene units"
M. Gioti, C. Pitsalidis, A. K. Andreopoulou, E. Mparmpoutsis, L. Tzounis, J. K. Kallitsis, S. Logothetidis
AIP Conference Proceedings, **2015**, 1646, 129-137
<http://dx.doi.org/10.1063/1.4908593>
- 33)** "Functional semiconductors targeting copolymer architectures and hybrid nanostructures"
J. K. Kallitsis, C. Anastasopoulos, A. K. Andreopoulou
MRS Communications, **2015**, 5, 365-382
http://journals.cambridge.org/download.php?file=%2FMRC%2FMRC5_03%2FS2159685915000427a.pdf&code=8cd3f541cb3cdc456ca4bcf617ba24df
- 34)** "Evaluation of the electronic properties of perfluorophenyl functionalized quinolines and their hybrids with carbon nanostructures"
L. Sygellou, S. Kakogianni, A. K. Andreopoulou, K. Theodosiou, G. Leftheriotis, J. K. Kallitsis, A. Siokou
Phys. Chem. Chem. Phys., **2016**, 18, 4154-4165.
<http://pubs.rsc.org/en/content/articlelanding/2016/cp/c5cp06016h#!divAbstract>
- 35)** "Copolymers of Ionic Liquids with Polymeric or Metallocomplex Chromophores for Quasi-Solid State DSSC Applications"
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