

CURRICULUM VITAE  
Emmanuel MIKROS PhD

**Academic position:** Professor

**Professional address:**

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School of Pharmacy, University of Athens  
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**Date of Birth:** January 11, 1961

**Nationality:** Hellenic

**Marital status:** Married, two children

**Languages:** Greek, French, English

**Education**

**1988: Ph.D.** (Organic Chemistry) Université PARIS XI, Orsay, France  
**1984: M. Sc.** (Organic Chemistry) Université PARIS XI, Orsay, France  
**1983: Diploma** (Chemistry) University of Athens

**Research Career**

**2010-** Professor, Pharmaceutical Chemistry, School of Pharmacy, Univ. of Athens  
**2003-2010** Associate Professor, Pharmaceutical Chemistry Division, Univ. of Athens  
**1995- 2003** Assistant Professor, Pharmaceutical Chemistry Division, Univ. of Athens.  
**1996** Research Fellow, Institut für Chemie Medizinische Universität zu Lübeck, Germany, Prof. T. Peters  
**1994, 1993** Research Fellow, Ingénierie Moléculaire, INRA, Centre de Recherches de Nantes, France. Dr. S. Perez  
**1992** Research Fellow Bioorganic and Spectroscopic Section, National Cancer Research Institute, France, Prof. K. Antonakis  
**1991-1995** Lecturer, Pharmaceutical Chemistry Division, Univ. of Athens.  
**1989-1991** Research Fellow, Pharmaceutical Chemistry Division, Univ. of Athens.  
**1988-1989** Chemist (Military Service), Chemistry Lab. Hellenic Air Force Research Center. Athens.  
**1988** Laboratoire de Biologie Physicochimique. Univ. Paris XI, Prof. J. Janin  
**1987** Dept. of Chemistry, Swarthmore College, Pennsylvania, USA., Prof. R. Pasternack  
**1983-1988** Ph. D. student, Lab. de Chimie de Coordination Bioorganique. Univ. Paris XI, Prof. A. Gaudemer

**Research Interests**

- Molecular Structure Analysis of biologically active molecules using N.M.R. spectroscopy and Molecular Calculations:
  - Ligand-Protein Interactions monitored by NMR Spectroscopy and Molecular Modeling
  - Peptides and Natural products structural studies using 2D NMR spectroscopy and Molecular Modeling
  - Structure Based Drug Design, In Silico screening
- NMR based Metabonomics

**Fellowships**

◆ DAAD (Germany)	1996
◆ Marie Curie Fellowship (European)	1994
◆ CIES (France)	1993
◆ Nat. Found. Sch. (IKY Greece)	1985-88

**Teaching experience**

**2004-** Inorganic Pharmaceutical Chemistry 1<sup>st</sup> year Pharmacy. Dept. of Pharmacy, Univ. of Athens  
**1991-** Organic Spectroscopy M.Sc. and 2<sup>nd</sup> year Pharmacy students.  
**2010-** Drug Design Laboratory training 3<sup>rd</sup> year Pharmacy Students  
**1989-** Pharmaceutical Analysis Laboratory training of 4<sup>th</sup> year Pharmacy students.  
**Post Graduate Supervising** 6 Ph.D., 10 MSc.

**Project Funding:** Participation in 22 Research and Educational funded projects by National and EU organisms

**Selected Projects:** **LIFE 00 ENV/gr/000671** “Process development for an integrated olive oil mill waste management recovering natural antioxidants and producing organic fertilizer” (1.217.000 €). *AWARD TOP-20 BEST Life projects in EU for 2005*, **LIFE03 ENV/GR/000223** “Development of an economically viable process for the integrated management of winemaking industry waste; production of high added value natural products and organic fertilizer”. (1.316.423€) *AWARD TOP-5 BEST Life projects in EU for 2008*, **RTD QUALITY OF LIFE AND MANAGEMENT OF LIVING RESOURCES**. Key Action I-Health Food and Environment, Project N0 QLKI-2002-2453 “Improving health through dietary phytoestrogens: A Pan-European network on consumers issues and opportunities for producers” (890.848 EURO). **FP7-REGPOT-2007-1 CSA 206570** Reinforcing scientific and technological potential of the Natural Products Laboratory- University of Athens (NatForce) (1.050.000 €). **FP7-PEOPLE-IAPP-2008 230763** Marie Curie Actions Bioactive natural compounds extracted and isolated from olive tree using modern technologies: Probing into their therapeutic potential (1.300.000 €). **FP7-KBBE-2009-3-1-04** For the Seventh Framework Programme of the European Community for Research, Technological Development and Demonstration Activities “From Biodiversity to Chemodiversity: Novel Plant Produced Compounds with Agrochemical and Cosmetic interest” (AgroCos) (4.094.507 €). **COST TD 905: « Epigenetic from bench to bedside »** delegate of Greece.

**Collaborations** Dr L. Meijer (ManRos Therapeutics), Dr. N. Martinet (Univ. Nice) Dr. W. Sherman (Schrödinger Inc.), Prof. S. Knapp and Dr. P. Filippakopoulos (Structural Genomics Consortium, Univ. of Oxford), Prof. S.B. Engelsen (Univ. of Copenhagen), Prof. J. Koca and R. Marek (Masaryk Univ. of Brno), Prof. M. Hamburger (Univ. Basel), Dr. M. Spraul, (Bruker GmbH), Prof. Gorgoulis, Tzioufas, Iliodromitis and Theocharis (Med. Sch. Univ. Athens), Prof. Dais (Univ. of Crete), Dr. Alexis (Nat.Hell.Res.Found.), Prof. Mougios and Theodoridis (Univ. of Thessaloniki), Dr. Pelecanou (Demokritos Res Ctr), Prof. Tsikaris (Univ. Ioannina)

**Invited Professor** Institut de Chimie de Nice December 2013

**Reviewer in International Scientific Journals:** *J.Am.Chem.Soc., J.Med.Chem., J.Agr.Food.Chem., J.Org.Chem., Lett.Pept.Sc., Magn.Res.Chem., Anal.Chim.Acta, Peptides*

**Expert Evaluator** for GSRT, Research Promotion Foundation (RPF) of Cyprus, Danish Council Ind. Res.

**Scientific Societies:** American Chemical Society, Association of Greek Chemists Hellenic Society of Medicinal Chemistry (Vice-president), International Society of Magnetic Resonance

#### **Conference organization**

COST Conference Epigenetics from Bench to Bedside Athens, May 2014, Organising Committee

13<sup>th</sup> EUROMAR Crete 2013, Organising Committee

Holistic Analytical Technologies for Biomedical Food and Plant Sciences, 2012, Athens, Greece, Chairman

18<sup>th</sup> EuroQSAR, Rhodes, Greece, 2010 Organising Committee

7<sup>th</sup> Joint Meeting of AFERPASP, GA, PSE &SIF Athens 2008 Organising Committee

15<sup>th</sup> Hellenic Symposium on Medicinal Chemistry Athens Greece 2012

13<sup>th</sup> Hellenic Symposium on Medicinal Chemistry Athens Greece 2008

#### **Invited Speaker**

- INRIA Sofia-Antipolis December 2013
- Imperial College, October 2013
- International Workshop on LiSIs, Nicosia, Cyprus, June 2013
- NMR basics & Applications in Life Sciences, Patras, Greece, May 2013
- Olitec Workshop, Frankfurt November 2012
- 6<sup>th</sup> International Conference of the Hellenic Crystallographic Assoc. Athens, Greece, September 2012
- Personalised Medicine Better health care for the future, COST conference Larnaka, Cyprus, June 2012
- CancerNet, Univ. Patras, Greece, May 2012
- ARCADE Workshop, May 2012, Athens Greece
- 12<sup>th</sup> Eurasia Conference on Chemical Sciences, April 2012, Corfu, Greece
- Structure– & Computer– Aided Design Workshop: Bioactive Molecules & Materials” November 2011 Athens
- VII Joint Meeting on Medicinal Chemistry 2011 Catania Italy
- National Hellenic Research Foundation Institute of Organic and Pharmaceutical Chemistry, June 2011
- Recent Advances in Clinical Pharmacology, July 2010, Poros, Greece
- Chemistry Department University of Athens, October 2010
- 4<sup>emes</sup> Journées Internationales de l’AFERP, July 2010, Besançon, France

- Metabonomics- A new tool for exploring biocomplexity October, 2008. Valencia, Spain
- 6<sup>th</sup> Euro Fed Lipid Congress Athens September 2008
- 1<sup>st</sup> International Workshop on Holistic Analytical Technologies for Systems Biology Studies Thessaloniki October 2008
- Indirubins the red shade of indigo April 2006 Les Eyzies, France
- 5<sup>th</sup> Pharmacy Congress, Nicosia, Cyprus November, 2006
- 11<sup>th</sup> Hellenic Symposium on Medicinal Chemistry, Patras, January, 2004
- XXII International Conference on Polyphenols, Helsinki, August 2004 Plenary Lecture
- Deuxièmes Journées Internationales de l'AFERP, Septembre 2002, Athènes, Grèce

**Bibliometrics:** *Publications:* 80, *Citations:* >1600, *h-index* : 21

### Publications

1. Interactions of water-soluble zinc porphyrin with amino-acids; Mikros, E; Gaudemer, A; Pasternack, R; *Inorg. Chim. Acta*; (1988); 153; 199-200  
[http://dx.doi.org/10.1016/S0020-1693\(00\)88867-2](http://dx.doi.org/10.1016/S0020-1693(00)88867-2)
2. Structural studies of metalloporphyrins .Part XI. Complexes of water-soluble zinc(II) porphyrins with amino-acids - influence of ligand-ligand interactions on the stability of the complexes; Vercherebeaur, C; Mikros, E; Perree-Fauvet, M; Gaudemer, A; *J. Inorg. Biochem.*; (1990); 40; 127-139  
[http://dx.doi.org/10.1016/0162-0134\(90\)80046-Z](http://dx.doi.org/10.1016/0162-0134(90)80046-Z)
3. Structural studies of metalloporphyrins .10. Complexes of water-soluble cobalt(III) porphyrins with amino-acids. NMR study of the conformation of the complexes with cobalt(III) tetrakis[4-(N-methylpyridiniumyl)]porphine (CoTMPyP) and cobalt(III) tetrakis(4-carboxylatophenyl)porphine (CoTCPP); Mikros, E; Gaudemer, F; Gaudemer, A; *Inorg. Chem.*; (1991); 30; 1806-1815  
<http://dx.doi.org/10.1021/ic00008a024>
4. Thermal dimerization of noracronycine; Baudouin, G; Mitaku, S; Mikros, E; Skaltsounis, Al; Tillequin, F; *Heterocycles*; (1992); 34; 1691-1696  
<http://dx.doi.org/10.3987/COM-92-6077>
5. Quantitative treatment of the rotational-dynamics of flexible-chain molecules - c-13 nmr relaxation study of hydrocarbon chains attached to the fluorene anchor; Pissas, D; Dais, P; Mikros, E; *Magn. Reson. Chem.*; (1994); 32; 263-275  
<http://dx.doi.org/10.1002/mrc.1260320503>
6. H-1 and C-13 NMR spectral assignments of some phenothiazine-derivatives; Pelecanou, M; Mikros, E; Catsoulacos, P; *Magn. Reson. Chem.*; (1994); 32; 178-180  
<http://dx.doi.org/10.1002/mrc.1260320307>
7. H-1 NMR spectroscopic elucidation of stereochemical effects of substituted cerium porphyrin double-deckers; Davoras, E; Spyroulias, G; Mikros, E; Coutsoleolos, A; *Inorg. Chem.*; (1994); 33; 3430-3434  
<http://dx.doi.org/10.1021/ic00093a037>
8. Computer-simulation of histo-blood group oligosaccharides - energy maps of all constituting disaccharides and potential-energy surfaces of 14 ABH and Lewis carbohydrate antigens; Imberty, A; Mikros, E; Koca, J; Mollicone, R; Oriol, R; Perez, S; *Glycoconjugate J.*; (1995); 12; 331-349  
<http://dx.doi.org/10.1007/BF00731336>
9. Synthesis and characterization of homo- and heteroporphyrin dimers involving a rhodium-indium bond; Coutsoleolos, AG; Lux, D; Mikros, E; *Polyhedron*; (1996); 15; 705-715  
[http://dx.doi.org/10.1016/0277-5387\(95\)00256-R](http://dx.doi.org/10.1016/0277-5387(95)00256-R)
10. Conformational analysis of asperlin by NMR spectroscopy and molecular modeling; Mikros, E; Dais, P; Sauriol, F; *Carbohydr. Res.*; (1996); 294; 1-13  
<http://linkinghub.elsevier.com/retrieve/pii/S0008621596002017>
11. How do antibodies and lectins recognize histo-blood group antigens? A 3D-QSAR study by comparative molecular field analysis (CoMFA); Imberty, A; Mollicone, R; Mikros, E; Carrupt, PA; Perez, S; Oriol, R; *Bioorg. Med. Chem.*; (1996); 4; 1979-1988  
[http://dx.doi.org/10.1016/S0968-0896\(96\)00179-4](http://dx.doi.org/10.1016/S0968-0896(96)00179-4)

12. Conformational analysis of a complex between Dolichos biflorus lectin and the Forssman pentasaccharide using transferred NOE build-up curves;  
Rinnbauer, M; Mikros, E; Peters, T;  
*J. Carbohydr. Chem.*; (1998); 17; 217-230  
<http://dx.doi.org/10.1080/07328309808002323>
13. Stereodynamics of ring and nitrogen inversion in spiroheterocycles. Conformational analysis of N-methylspiro[morpholine-3,2'-adamantane] and N-methylspiro[piperidine-2,2'-adamantane] using NMR spectroscopy and theoretical calculations;  
Kolocouris, A; Mikros, E; Kolocouris, N;  
*J. Chem. Soc.-Perkin Trans. 2*; (1998); 1701-1708  
<http://dx.doi.org/10.1039/A705868C>
14. Stereochemical effects in some acronycine derivatives;  
Mikros, E; Mitaku, S; Skaltsounis, AL; Libot, F; Tillequin, F; Koch, M;  
*Magn. Reson. Chem.*; (1999); 37; 498-506  
[http://dx.doi.org/10.1002/\(SICI\)1097-458X\(199907\)37:7<498::AID-MRC490>3.0.CO;2-P](http://dx.doi.org/10.1002/(SICI)1097-458X(199907)37:7<498::AID-MRC490>3.0.CO;2-P)
15. Megistosarcimine and megistosarconine, two alkaloids from *Sarcomelicope megistophylla*;  
Fokialakis, N; Mitaku, S; Mikros, E; Skaltsounis, AL; Tillequin, F; Sevenet, T;  
*Phytochemistry*; (1999); 52; 1745-1748  
[http://dx.doi.org/10.1016/S0031-9422\(99\)00323-4](http://dx.doi.org/10.1016/S0031-9422(99)00323-4)
16. Conformational analysis of C-disaccharides using molecular mechanics calculations.;  
Mikros, E; Labrinidis, G; Perez, S;  
*J. Carbohydr. Chem.*; (2000); 19; 1319-1349  
<http://dx.doi.org/10.1080/07328300008544154>
17. Prevezols A and B: new brominated diterpenes from the red alga *Laurencia obtusa*;  
Mihopoulos, N; Vagias, C; Mikros, E; Scoullou, M; Roussis, V;  
*Tetrahedron Lett.*; (2001); 42; 3749-3752  
[http://dx.doi.org/10.1016/S0040-4039\(01\)00538-X](http://dx.doi.org/10.1016/S0040-4039(01)00538-X)
18. Conformational analysis of poly(N-vinylcarbazole) by NMR spectroscopy and molecular modeling;  
Karali, A; Dais, P; Mikros, E; Heatley, F;  
*Macromolecules*; (2001); 34; 5547-5554  
<http://dx.doi.org/10.1021/ma010117n>
19. High-resolution NMR spectroscopy of the beta-amyloid(1-28) fibril typical for Alzheimer's disease;  
Mikros, E; Benaki, D; Humpfer, E; Spraul, M; Loukas, S; Stassinopoulou, CI; Pelecanou, M;  
*Angew. Chem.-Int. Edit.*; (2001); 40; 3603-3605  
[http://dx.doi.org/10.1002/1521-3773\(20011001\)](http://dx.doi.org/10.1002/1521-3773(20011001))
20. Synthesis, cytotoxic activity, NMR study and stereochemical effects of some new pyrano[3,2-b]thioxanthen-6-ones and pyrano[2,3-c]thioxanthen-7-ones;  
Kostakis, IK; Pouli, N; Marakos, P; Mikros, E; Skaltsounis, AL; Leonce, S; Atassi, G; Renard, P;  
*Bioorg. Med. Chem.*; (2001); 9; 2793-2802  
[http://dx.doi.org/10.1016/S0968-0896\(01\)00130-4](http://dx.doi.org/10.1016/S0968-0896(01)00130-4)
21. Conformational analysis of the nonapeptide leuporelin using NMR and molecular modeling;  
Benaki, DC; Paxinou, E; Magafa, V; Pairas, GN; Manessi-Zoupa, E; Cordopatis, PA; Mikros, E;  
*Lett. Pept. Sci.*; (2001); 8; 77-87  
<http://dx.doi.org/10.1023/A:1015036903464>
22. The Ac-RGD-NH<sub>2</sub> peptide as a probe of slow conformational exchange of short linear peptides in DMSO;  
Biris, N; Stavrakoudis, A; Politou, AS; Mikros, E; Sakarellos-Daitsiotis, M; Sakarellos, C; Tsikaris, V;  
*Biopolymers*; (2003); 69; 72-86  
<http://dx.doi.org/10.1002/bip.10335>
23. Structural characteristics of some mercaptoacetic acid hydrazides;  
Marakos, P; Pouli, N; Papakonstantinou-Garoufalas, S; Mikros, E;  
*J. Mol. Struct.*; (2003); 650; 213-221  
[http://dx.doi.org/10.1016/S0022-2860\(03\)00158-3](http://dx.doi.org/10.1016/S0022-2860(03)00158-3)
24. Interactions of a series of novel spiropyranocoumarin derivatives with reactive oxygen species;  
Panteleon, V; Marakos, P; Pouli, N; Mikros, E; Andreadou, L;  
*J. Pharm. Pharmacol.*; (2003); 55; 1029-1039  
<http://dx.doi.org/10.1211/0022357021512>
25. Synthesis, conformational analysis and free radical scavenging activity of some new spiropyranoquinolinones.  
Panteleon, V; Marakos, P; Pouli, N; Mikros, E; Andreadou, I;  
*Chem Pharm. Bull.* (2003); 51; 522-529  
[http://dx.doi.org/10.1002/\(SICI\)1097-458X\(199907\)37:7<498::AID-MRC490>3.0.CO;2-P](http://dx.doi.org/10.1002/(SICI)1097-458X(199907)37:7<498::AID-MRC490>3.0.CO;2-P)
26. Losartan's molecular basis of interaction with membranes and AT(1) receptor;  
Zoumpoulakis, P; Daliani, I; Zervou, M; Kyrikou, I; Siapi, E; Lamprinidis, G; Mikros, E; Mavromoustakos, T;

- Chem. Phys. Lipids*; (2003); 125; 13-25  
[http://dx.doi.org/10.1016/S0009-3084\(03\)00053-7](http://dx.doi.org/10.1016/S0009-3084(03)00053-7)
27. Conformational analysis of C-trehaloses using molecular mechanics calculations;  
Mikros, E; Labrinidis, G; Perez, S;  
*J. Carbohydr. Chem.*; (2003); 22; 407-421  
<http://dx.doi.org/10.1081/CAR-120025327>
28. Stereoselective intramolecular azide 1,3-dipolar cycloaddition;  
Markidis, T; Mikros, E; Kokotos, G;  
*Heterocycles*; (2003); 60; 2637-2644  
<http://dx.doi.org/10.3987/COM-03-9868>
29. Structural basis for the synthesis of indirubins as potent and selective inhibitors of glycogen synthase kinase-3 and cyclin-dependent kinases;  
Polychronopoulos, P; Magiatis, P; Skaltsounis, AL; Myrianthopoulos, V; Mikros, E; Tarricone, A; Musacchio, A; Roe, SM; Pearl, L; Leost, M; Greengard, P; Meijer, L;  
*J. Med. Chem.*; (2004); 47; 935-946  
<http://dx.doi.org/10.1021/jm031016d>
30. A new class of phytoestrogens: Evaluation of the estrogenic activity of deoxybenzoins;  
Fokialakis, N; Lambrinidis, G; Mitsiou, DJ; Aligiannis, N; Mitakou, S; Skaltsounis, AL; Pratsinis, H; Mikros, E; Alexis, MN;  
*Chem. Biol.*; (2004); 11; 397-406  
<http://dx.doi.org/10.1016/j.chembiol.2004.02.014>
31. Application of nuclear magnetic resonance spectroscopy combined with principal component analysis in detecting inborn errors of metabolism using blood spots: a metabonomic approach;  
Constantinou, MA; Papakonstantinou, E; Benaki, D; Spraul, M; Shulpis, K; Koupparis, MA; Mikros, E;  
*Anal. Chim. Acta*; (2004); 511; 303-312  
<http://dx.doi.org/10.1016/j.aca.2004.02.012>
32. Conformational analysis of peptide analogues of Silkworm chorion protein segments using CD, NMR and molecular modelling;  
Benaki, DC; Mikros, E; Hamodrakas, SJ;  
*J. Pept. Sci.*; (2004); 10; 381-392  
<http://dx.doi.org/10.1002/psc.540>
33. Melatonin does not prevent the protection of ischemic preconditioning in vivo despite its antioxidant effect against oxidative stress;  
Andreadou, I; Iliodromitis, EK; Mikros, E; Bofilis, E; Zoga, A; Constantinou, M; Tsantili-Kakoulidou, A; Kremastinos, DT;  
*Free Radic. Biol. Med.*; (2004); 37; 500-510  
<http://dx.doi.org/10.1016/j.freerbiomed.2004.05.005>
34. Structural study by NMR of an oxorhenium-RGD decapeptide complex for application in radiotherapy;  
Costopoulos, B; Benaki, D; Pelecanou, M; Mikros, E; Stassinopoulou, CI; Varvarigou, AD; Archimandritis, SC;  
*Inorg. Chem.*; (2004); 43; 5598-5602  
<http://dx.doi.org/10.1021/ic049519c>
35. Solution structure of humanin, a peptide against Alzheimer's disease-related neurotoxicity;  
Benaki, D; Zikos, C; Evangelou, A; Livaniou, E; Vlassi, M; Mikros, E; Pelecanou, M;  
*Biochem. Biophys. Res. Commun.*; (2005); 329; 152-160  
<http://dx.doi.org/10.1016/j.bbrc.2005.01.100>
36. H-1 NMR-based metabonomics for the diagnosis of inborn errors of metabolism in urine;  
Constantinou, MA; Papakonstantinou, E; Spraul, M; Sevastiadou, S; Costalos, C; Koupparis, MA; Shulpis, K; Tsantili-Kakoulidou, A; Mikros, E;  
*Anal. Chim. Acta*; (2005); 542; 169-177  
<http://dx.doi.org/10.1016/j.aca.2005.03.059>
37. Conformational analysis of ochratoxin A by NMR spectroscopy and computational molecular modeling;  
Dais, P; Stefanaki, I; Fragaki, G; Mikros, E;  
*J. Phys. Chem. B*; (2005); 109; 16926-16936  
<http://dx.doi.org/10.1021/jp0580035e>
38. 1-Ethyl-1H-3-nitrobenzopyrano[4,3,2-cd]isoindole: a novel heterocyclic ring system bearing an unusually labile deuterium-exchangeable aromatic proton;  
Hadjipavlou, C; Kostakis, IK; Pouli, N; Marakos, P; Mikros, E;  
*Tetrahedron Lett.*; (2006); 47; 3681-3684  
<http://dx.doi.org/10.1016/j.tetlet.2006.03.010>
39. Estrogenic activity of isoflavonoids from *Onobrychis ebenoides*;  
Halabalaki, M; Alexi, X; Aligiannis, N; Lambrinidis, G; Pratsinis, H; Florentin, I; Mitakou, S; Mikros, E; Skaltsounis,

- AL; Alexis, MN;  
*Planta Med.*; (2006); 72; 488-493  
<http://dx.doi.org/10.1055/s-2005-916261>
40. The olive constituent oleuropein exhibits anti-ischemic, antioxidative, and hypolipidemic effects in anesthetized rabbits; Andreadou, I; Iliodromitis, EK; Mikros, E; Constantinou, M; Agalias, A; Magiatis, P; Skaltsounis, AL; Kamber, E; Tsantili-Kakoulidou, A; Kremastinos, DT;  
*J. Nutr.*; (2006); 136; 2213-2219  
<http://jn.nutrition.org/cgi/content/full/136/8/2213>
41. The estrogen receptor and polyphenols: molecular simulation studies of their interactions, a review; Lambrinidis, G; Halabalaki, M; Katsanou, ES; Skaltsounis, AL; Alexis, MN; Mikros, E;  
*Environ. Chem. Lett.*; (2006); 4; 159-174  
<http://dx.doi.org/10.1007/s10311-006-0065-y>
42. Solution structure of Ser14Gly-humanin, a potent rescue factor against neuronal cell death in Alzheimer's disease; Benaki, D; Zikos, C; Evangelou, A; Livaniou, E; Vlassi, M; Mikros, E; Pelecanou, M;  
*Biochem. Biophys. Res. Commun.*; (2006); 349; 634-642  
<http://dx.doi.org/10.1016/j.bbrc.2006.08.087>
43. Synthesis and tautomerism study of 7-substituted pyrazolo[3,4-c]pyridines; Kourafalos, VN; Marakos, P; Mikros, E; Pouli, N; Marek, J; Marek, R  
*Tetrahedron*; (2006); 62; 11987-11993  
<http://dx.doi.org/10.1016/j.tet.2006.09.081>
44. Application of metabonomics on an experimental model of fibrosis and cirrhosis induced by thioacetamide in rats; Constantinou, MA; Theocharis, SE; Mikros, E;  
*Toxicol. Appl. Pharmacol.*; (2007); 218; 11-19  
<http://dx.doi.org/10.1016/j.taap.2006.10.007>
45. Application of NMR-based metabonomics in the investigation of myocardial ischemia-reperfusion, ischemic preconditioning and antioxidant intervention in rabbits; Constantinou, MA; Tsantili-Kakoulidou, A; Andreadou, I; Iliodromitis, EK; Kremastinos DT; Mikros, E  
*Eur. J. Pharm. Sci.*; (2007); 30; 303-314  
<http://dx.doi.org/10.1016/j.ejps.2006.11.016>
46. A new process for the management of olive oil mill waste water and recovery of natural antioxidants; Agalias, A; Magiatis, P; Skaltsounis, AL; Mikros, E; Tzarbopoulos, A; Gikas, E; Spanos, I; Manios, T;  
*J. Agric. Food Chem.*; (2007); 55; 2671-2676  
<http://dx.doi.org/10.1021/jf063091d>
47. H-1 NMR monitoring of the canine metabolic profile after oral administration of xenobiotics using multivariate statistics; Constantinou, MA; Vertzoni, M; Reppas, C; Tsantili-Kakoulidou, A; Mikros, E;  
*Mol. Pharm.*; (2007); 4; 258-268  
<http://dx.doi.org/10.1021/mp060069z>
48. An integrated computational approach to the phenomenon of potent and selective inhibition of aurora kinases B and C by a series of 7-substituted indirubins; Myriantopoulos, V; Magiatis, P; Ferandin, Y; Skaltsounis, AL; Meijer, L; Mikros, E;  
*J. Med. Chem.*; (2007); 50; 4027-4037  
<http://dx.doi.org/10.1021/jm070077z>
49. Deoxybenzoin is a novel potent selective estrogen receptor modulator; Papoutsis, Z; Kassi, E; Fokialakis, N; Mitakou, S; Lambrinidis, G; Mikros, E; Moutsatsou, P;  
*Steroids*; (2007); 72; 693-704  
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