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Scientific Fields	Bioorganic Chemistry, Natural Product Chemistry, NMR Spectroscopy, Structural Biology, Food Chemistry.
Distinctions	<ol style="list-style-type: none"> 1. Honorary Research Fellow, QMW College, England, 1996 2. Medal of the Ministry of Education of Ukraine, 2009. 3. DSc, Univ. of East Anglia, 2011. 4. June 2015-present: Adjunct Professor of International Center for Chemical and Biological Sciences (ICCBS), University of Karachi, Pakistan (UNESCO Research Center of Excellence).
Academic Administration	<ol style="list-style-type: none"> 1. Chairman of the Section of Organic Chemistry and Biochemistry, Dept. of Chemistry, UoI: 1997-1998, 1998-1999 and 1999-2000. 2. Vice Chairman of the Dept. of Chemistry, UoI: 1999-2000. 3. Chairman of the Dept. of Chemistry, UoI: 2000-2002 and 2002-2004. 4. Chairman of the Dept. of Biological Applications & Technologies, UoI: 2004-2005. 5. Chairman of the Dept. of Plastic Arts and Art Sciences, UoI: 2007-2010. 6. Chairman of the Dept. of Architecture Engineering, UoI: 2009-2010. 7. Vice Rector of the UoI: 2003-2006. 8. Rector of the UoI: 2006-2010. 9. Chairman of the Greek Rectors Conference 2010.
Administration in Quality Assurance in Higher Education	<ol style="list-style-type: none"> 1. Member of the Hellenic Quality Assurance and Accreditation Agency (HQAA) 2010-2014 (http://www.hqaa.gr) in the area of Natural Sciences (Mathematics, Physics, Chemistry, Material Science and Engineering Computer and Environmental Sciences). 2. Member of the "National Committee of the Referencing process of the Hellenic National Qualifications Framework (HNQF) to the European Qualifications Framework (EQF)" 2013-2014. 3. Vice Chairman of HQAA 2014 – August 2019.
Reviewer	<p>Reviewer of more than thirty (30) international journals, a representative list of which is provided below:</p> <p>Analytica Chimica Acta, Chemical Biology, Chemical Physics Letters, European Journal of Biochemistry, FEBS Letters, Food Chemistry, Journal of Agricultural and Food Chemistry, Journal of the American Chemical Society, Journal of Chemical Education, Journal of Magnetic Resonance, Inorganic Chemistry, Journal of Organic Chemistry, Journal of Physical Chemistry, Journal of Saudi Chemical Society, Magnetic Resonance in Chemistry, Phytochemistry, etc.</p>
Advisory Board	<p>Member of Editorial Advisory Board of the Journals:</p> <ol style="list-style-type: none"> 1. "Molecules", Section of Natural Product Chemistry. 2. "The Open Natural Products Journal", Bentham Open, ISSN 1874-8481.

	<p>3. “<i>International Journal of Green Pharmacy</i>”, Med Know. 4. “<i>ISRN Spectroscopy</i>”, Hindawi Publishing Corporation. 5. “<i>European Journal of Biophysics</i>”, Science Publishing Group.</p>
<p>Lectures</p>	<p>Plenary/Invited Lectures in International Conferences of Educational Policy</p> <p>10. “European Organizations: Mobility and Recognition”, I.P. Gerothanassis, <i>Greece Exploring Advanced Recognition in Higher Education – GEAR</i>, Athens, Greece, 3-4 May, 2018.</p> <p>9. “Degree Recognition in the new Era of Quality Assurance and Accreditation”, I.P. Gerothanassis, <i>Greece Exploring Advanced Recognition in Higher Education – GEAR</i>, Athens, Greece, 26 – 27 Arpil, 2017.</p> <p>8. “European versus National Qualifications Frameworks in Higher Education Institutions: Ethical Framework and Evolution”, S.S. Pegka and I.P. Gerothanassis, <i>Fifth International Arab Conference on Quality Assurance in Higher Education (IACQA’2015)</i>, University of Sharjah-United Arab Emirates, 3-5/3/2015.</p> <p>7. “National framework of Qualifications”, I.P. Gerothanassis, International Conference on Quality Assurance and Accreditation Agency (HQAA), Aristotle Univ. of Thessaloniki, Greece (2012). Representative of HQAA in the National Committee.</p> <p>6. “Education, Research and Innovation”. I.P. Gerothanassis, Public Event entitled ‘30 years Euroelections’, Constantinos Karamanlis Institute for Democracy, Athens, Greece (2010).</p> <p>5. “Research in Higher Education in Greece and the European Reality”. I.P. Gerothanassis, <i>The University in the 21st Century: Challenges and Perspectives</i>, International Conference, Karatzas Hall, Athens (2010).</p> <p>4. “Education, Research and Innovation”. I.P. Gerothanassis, in III. Balkan Universities Network Meeting – Balkan Spring Educational Conference, Edrine, Turkey (2010).</p> <p>3. “Presentation of the Hellenic Higher Education System”. I.P. Gerothanassis, National Representative delegated by the Greek Ministry of National Education and Religious Affairs, European Higher Education Fair, Beijing, China (2007).</p> <p>2. “Presentation of the Hellenic Higher Education System”. I.P. Gerothanassis, National Representative delegated by the Greek Ministry of National Education and Religious Affairs, European Higher Education Fair, Bangkok, Thailand (2008).</p> <p>1. “Attracting International Students”. I.P. Gerothanassis, Institute of International Network University Seminar “Internationalization of Higher Education in Europe: Opportunities and Challenges for Greece, Strategies and Policies”, Fulbright Foundation, Athens, Greece (2006).</p> <p>Plenary/Keynote Research Lectures in International Conferences</p> <p>25. “High Resolution NMR Structures of Natural Products in Solution Based on DFT Calculations of Chemical Shifts vs. Solved by Diffraction Methods: Competitors or Collaborators?”, I.P. Gerothanassis, <i>2nd International Symposium on Natural Products for the Future (ISNPF-2)</i>, Karachi, Pakistan, November 4-6, 2018, Karachi, Pakistan.</p> <p>24. “NMR in natural products: chemical analysis, monitoring of dynamic changes, “in-cell” NMR and DFT calculated structures based on NMR chemical shifts in solution”, I.P. Gerothanassis, <i>4th Polish-Taiwanese Conference “From Molecular Modeling to Nano- and Biotechnology”</i>, August 29-31, 2018, Opole-Groszowice, Poland.</p>

23. "NMR in Metabolomics", I.P. Gerothanassis, *Natural Products Summer School. Chemistry Biological activities & Technological applications*, April 27-29, 2018, KEDEA building, Aristotle University of Thessaloniki. Greece.
22. "NMR spectroscopy", I.P. Gerothanassis, *Natural Products Summer School. Chemistry Biological activities & Technological applications*, April 27-29, 2018, KEDEA building, Aristotle University of Thessaloniki. Greece.
21. "Chemical analysis, monitoring of dynamic changes, metabolomics and "in cell" applications of NMR in natural products and food chemistry: Is the role of metrology underestimated?", I.P. Gerothanassis, *International Workshop on Application of NMR in Pharmaceuticals, Phytotherapeutics and Medicine*, November 15-17, 2017, Istanbul, Turkey.
20. "NMR in Molecular Medicine and Drug Research: Three Selected Examples", I.P. Gerothanassis, *6th International Symposium-cum-Training Course on Molecular Medicine and Drug Research*, November 6 - 9, 2017, Karachi, Pakistan.
19. "Chemical analysis, monitoring of dynamic changes, metabolomics and "in cell" applications of NMR in natural products and food chemistry: Is the role of metrology underestimated?" Ioannis P. Gerothanassis, rd IMEKOFOODS "Metrology Promoting Standardization and Harmonization in Food and Nutrition", 1 – 4 .10.2017, KEDEA building, Thessaloniki, Greece.
18. "NMR in natural products: from chemical analysis and monitoring of dynamic changes to in cell NMR and structures beyond the limits of X-ray and neutron diffraction methods", I.P. Gerothanassis, *14th Eurasia Conference on Chemical Sciences*, Karachi, Pakistan, December 15-18 (2016).
17. "NMR methodology developments in the analysis of complex mixtures of natural products: from metabolomics to in-cell NMR" *9th International Conference on "Instrumental Methods of Analysis-Modern Trends and Applications" (IMA) 2015*, Kalamata, Greece, September (2015).
16. "Concepts and Applications of NMR", I.P. Gerothanassis, *NASIC Workshop on Modern Spectroscopic Techniques and other Applications in Structure Determination*, Karachi, Pakistan, December (2014).
15. "NMR Methodology Developments in the Analysis of Complex Mixtures of Natural Products: from Metabolomics to 'in-cell' NMR", I.P. Gerothanassis, *14th Asian Symposium on Medicinal Plants*, Karachi, Pakistan, December (2013).
14. "NMR Methodology Developments in the Analysis of Complex Metabolite Mixtures" *8th International Conference on Instrumental Methods of Analysis: Modern Trends and Applications (IMA) 2013*, Thessaloniki, Greece, September (2013).
13. "Novel NMR Applications to Phytochemical Analysis" I.P. Gerothanassis, *COST Action FA 0906, Training School of Phytochemical Analysis*, Thessaloniki, Greece, February (2013).
12. "Novel NMR Methods for the Demixing the Spectra of Complex Natural Extracts". I.P. Gerothanassis, *13th International Symposium on Natural Products, Chemistry*, Karachi, Pakistan, September (2012).

11. "NMR Studies of Antioxidants". I.P. Gerothanassis, in *5th International Advanced Course, Chemistry and Biochemistry of Antioxidants: Antioxidants in Health, Disease and Food Safety – Practical Assessment*, Wageningen, Netherlands (2004).
10. "NMR Detection of Antioxidants". I.P. Gerothanassis, in *4th International Advanced Course: Chemistry and Biochemistry of Antioxidants*, Wageningen, Netherlands (2003).
9. "NMR Detection of Antioxidants". I.P. Gerothanassis, in *3rd International Advanced Course: Chemistry and Biochemistry of Antioxidants*, Wageningen, Netherlands (2002).
8. "NMR Detection of Antioxidants". I.P. Gerothanassis, in *2nd International Advanced Course: Chemistry and Biochemistry of Antioxidants*, Wageningen, Netherlands (2001).
7. "NMR Detection of Antioxidants". I.P. Gerothanassis, in *1st International Advance Course: Chemistry and Biochemistry of Antioxidants*, Wageningen, Netherlands (2000).
6. "Multinuclear and Multidimensional NMR of Individual Peptide and Protein Bound Water in Solution and Solid State". I.P. Gerothanassis, in *Joint Greek-Italian Meeting on Chemistry of Biological Systems*, Torino, Italy (1996).
5. "Fourier Transform IR and Multinuclear and Multidimensional NMR Spectroscopic Studies of Specific Peptide and Protein-Bound Water Molecules in Solution and Solid States". I.P. Gerothanassis, in *Joint Greek-Italian Meeting on Chemistry of Biological Systems and Molecular Chemical Engineering*, UoI, Greece (1994).
4. "NMR Studies of Ligand-Protein Interactions Involving Quadrupolar Nuclei". I.P. Gerothanassis, in *NATO Advanced Study Institute on NMR of Biological Macromolecules - Proteins, Nucleic Acids, Polysaccharides*, Crete, Greece (1993).
3. "Nuclear Shielding and Biomolecular Structure". I.P. Gerothanassis, in *NATO Advanced Study Institute on NMR of Biological Macromolecules - Proteins, Nucleic Acids, Polysaccharides*, Crete, Greece (1993).
2. "Fourier Transform IR and Multinuclear and Multidimensional NMR Spectroscopic Studies of Specific Peptide and Protein-Bound Water Molecules". I.P. Gerothanassis, in *Fifth International Conference on the Spectroscopy of Biological Molecules*, Loutraki, Greece (1993).
1. "¹⁷O NMR, Selective Observation of ¹H–¹⁵N Protons and ¹H–¹⁵N Multiple Quantum NMR as Novel Methods for Investigating Model Compounds of the Active Site of Hemoproteins". I.P. Gerothanassis* and M. Momenteau, *Greek-Italian Meeting on Chemistry of Biological System and Molecular Chemical Engineering*, Loutraki (1990).

Research Lectures in International Conferences

22. "NMR in natural products: chemical analysis of complex mixtures, bioanalytical and metabolomics applications and DFT nmr structures of analytes". Ioannis P. Gerothanassis, *11th International Conference on "Instrumental Methods of Analysis"* 22-25 September, Ioannina, Greece (2019).
21. "Detailed phytochemical analysis of an artemisia annua and an artemisia absinthium extract using a combination of NMR and hplc/dad/ms techniques". Vasiliki G. Kontogianni*, Marianna Sakka, Alexandra Primikyri1, Ioannis P. Gerothanassis, *11th*

International Conference on "Instrumental Methods of Analysis" 22-25 September, Ioannina, Greece (2019).

20. "NMR in natural products: chemical analysis, monitoring of dynamic changes, "in-cell" NMR and DFT calculated structures based on NMR chemical shifts in solution". Ioannis P. Gerothanassis, *30th International Symposium on the Chemistry of Natural Products and the 10th International Congress on Biodiversity (ISCNP30 & ICOB10)*, 25-29 November, Athens, Greece (2018).
19. "A Scientific Tour from Peptides and Proteins with the Late Paul Cordopatis to Natural Products". Ioannis P. Gerothanassis and A.G. Tzakos, *SEE-DRUG Conference – NMR applications in Life Sciences – Exploring Peptides & Proteins*, Patras, Greece (18-20-June 2015).
18. "Novel NMR Methods for the Analysis of Crude Plant Extracts". I.P. Gerothanassis, P. Charisiadis, A. Primikyri, V. Kontogianni, C.G. Tsiafoulis, V. Exarchou, and A.G. Tzakos, *International Conference for Health*, Athens, Greece (2012).
17. "Plant Derived Bioactive Compounds: Isolation, Identification, Biological Evaluation and Enzymatic Modification of Lead Compounds". I.P. Gerothanassis, *12th Euro-Asia Conference on Chemical Sciences EuAsC2S-12*, Corfu, Greece (2012).
16. "Myelin Basic Protein: Structural Disorder, Protein Partners and Diseases". I.P. Gerothanassis, in *5th International Greek Biotechnology Forum*, Zappeio Megaro, Athens, Greece (2009).
15. "Structure – Function Discrimination, Domain Selective Ligand – Binding Model and the Role of Chloride Anions of Angiotensin I Converting Enzyme". I.P. Gerothanassis, *HALCHEM III*, Ioannina, Greece (2006).
14. "Separation and Identification of the Major Constituents of Greek Hypericum Perforatum by LC – UV – Solid Phase Extraction NMR and LC-UV-MS/MS". E.C. Tatsis, S. Boeren, V. Exarchou, A.N. Troganis, J. Vervoort, and I.P. Gerothanassis, in *4th International Conference on Instrumental Methods of Analysis*, Crete, Greece (2005).
13. "The Renin-Angiotensin System: NMR and Molecular Modeling Studies of Polypeptide Models of the Zn-active Site of the Angiotensin Converting Enzyme, Angiotensin II and Potential Analogues". I.P. Gerothanassis, in *4th User Meeting of the European Large-Scale Facilities for NMR*, Frankfurt, Germany (2001).
12. "Hydration Phenomena of Molecules of Biological Interest: Structural and Thermodynamic Aspects as Revealed by the Use of Multinuclear and Multidimensional NMR". I.P. Gerothanassis, in *2nd International Conference of the Chemical Societies of the South-Eastern Countries*, Chalkidiki, Greece (2000).
11. "Hydration Phenomena of Biomolecules in Solution and in the Solid as Revealed by the Triad: NMR-Structure-Thermodynamics". I.P. Gerothanassis, *XIX International Conference on Magnetic Resonance in Biological Systems*, Florence, Italy (2000).
10. "The Triad: NMR-Biomolecular Structure-Thermodynamics". I.P. Gerothanassis, in *2nd Hellenic Forum on Bioactive Peptides*, Univ. of Patras, Greece (2000).
9. "NMR Methodology for the Analysis of Phenolic Acids in Complex Natural Mixtures". V. Exarchou, I.P. Gerothanassis*, A. Troganis, M. Tsimidou and D. Boskou, in *Instrumental Methods of Analysis: Modern Trends and Applications*, Chalkidiki, Greece, (1999).

	<ol style="list-style-type: none"> 8. "Multinuclear (^{13}C, ^{17}O, ^{57}Fe) NMR Studies of Heme Proteins and Synthetic Model Compounds". I.P. Gerothanassis, in <i>5th International Symposium on Applied Bioinorganic Chemistry</i>, Corfu, Greece (1999). 7. "Multinuclear (^{13}C, ^{17}O, ^{57}Fe) NMR Studies of Heme Proteins and Synthetic Model Compounds". I.P. Gerothanassis, <i>2nd User Meeting of the European Large-Scale Facilities for NMR</i>, Woudschoten, The Netherlands (1998). 6. "Multinuclear NMR Studies in Proteins and Synthetic Model Compounds". I.P. Gerothanassis and C.G. Kalodimos, in <i>1st International Conference of the Chemical Societies of the South-East European Countries-Chemical Sciences and Industry</i>, Chalkidiki, Greece (1998). 5. "Multinuclear NMR Studies of the Fe–CO Unit in Hemoproteins and Synthetic Model Compounds in Solution and Solid States". I.P. Gerothanassis, in <i>7th European Conference on the Spectroscopy of Biological Molecules</i>, El Escorial, Spain (1997). 4. "Heteronuclear and Two-Dimensional NMR Studies of the Active Site of Hemoproteins and Synthetic Model Compounds in Solution and Solid States". I.P. Gerothanassis, in <i>XVIIth International Conference on Magnetic Resonance in Biological Systems</i>, Keystone, Colorado, U.S.A. (1996). 3. "^{17}O NMR and FTIR Studies of Haemoproteins and Synthetic Model Compounds in Solution and in the Solid State". I.P. Gerothanassis* and M. Momenteau, in <i>Fifth International Conference on the Spectroscopy of Biological Molecules</i>, Loutraki, Greece (1993). 2. "^{17}O NMR Studies of Hemoproteins and Synthetic Model Compounds in Solution and Solid States". I.P. Gerothanassis, <i>NMR Discussion Group</i>, London (1993). 1. "^{17}O NMR Studies of Oxygenated Hemoproteins and Synthetic Model Compounds". I.P. Gerothanassis* and M. Momenteau, <i>Second International Symposium on Metal Ions in Biology and Medicine</i>, Loutraki, Greece (1992).
<p>Teaching Experience</p>	<p>Undergraduate Courses Since 1983 up to present I have been teaching a variety of undergraduate courses including: (a) Introductory Courses in Organic Chemistry, (b) Organic Chemistry I, (c) Organic Chemistry II, (d) Organic Chemistry III, (e) Spectroscopy of Organic Compounds, (f) Laboratory Organic Chemistry I and Laboratory of Organic Chemistry II as well as a variety of elective courses including Advanced Organic Chemistry Laboratory, Advanced Spectroscopy of Organic Compounds, Research Assay, Diplome work.</p> <p>Postgraduate Courses Since 1994 up to present I have been teaching a variety of postgraduate courses including: (a) Advanced Courses of Organic Chemistry, (b) Advanced Courses of Spectroscopy in Organic Compounds, (c) Advanced Courses of NMR Spectroscopy and (d) Laboratory of Advanced Spectroscopic Techniques.</p>
<p>Academic Research Collaborators</p>	<p>Cyprus Manganaris, G. <george.manganaris@cut.ac.cy>, As. Professor, Dept. of Agricultural Sciences, Biotechnology & Food Sciences, Cyprus Univ. of Technology Miltiadou, D. <despoina.miltiadou@cut.ac.cy>, Lecturer, Dept. of Agricultural Sciences, Biotechnology & Food Sciences, Cyprus Univ. of Technology</p>

	<p>Tzamaloukas, O. <ouranios.tzamaloukas@cut.ac.cy>, As, Professor, Dept. of Agricultural Sciences, Biotechnology & Food Sciences, Cyprus Univ. of Technology</p> <p>Germany Giannis, A. <giannis@uni-leipzig.de>, Professor, Inst. for Organic Chemistry, Univ. of Leipzig</p> <p>Greece Fotsis, T. <thfotsis@uoi.gr>, Professor of Medical School, UoI Lamari, F. <F.Lamari@upatras.gr>, Ass. Professor, Dept. of Pharmacology, Univ. of Patras Lekka, C. <chlekka@cc.uoi.gr>, Ass. Professor, Dept. of Material Sciences Engineering, UoI Matsoukas, I. <imats@upatras.gr>, Professor, Dept. of Chemistry, Univ. of Patras Siskos, M. <msiskos@cc.uoi.gr>, As. Professor, Dept. of Chemistry, UoI Tselepis, A. <atselep@uoi.gr>, Professor, Dept. of Chemistry, UoI Tsimidou, M. <tsimidou@chem.auth.gr>, Professor, Dept. of Chemistry, AUTH Tzakos A. <agtzakos@gmail.com>, Ass. Professor, Dept. of Chemistry, UoI</p> <p>Italy Luchinat, C. <luchinat@cerm.unifi.it>, Professor, CERM, Univ. of Florence Russo, N. <nino.russo@unical.it>, Professor, Dept. of Chemistry, Univ. of Calabria</p> <p>Pakistan Choudhary, I.M. <iqbal.choudhary@iccs.edu>, Professor, Director of International Center for Chemical & Biological Sciences, Univ. of Karachi Atia-tul-Wahab <tulwahab@yahoo.com>, Ass. Professor, International Center for Chemical & Biological Sciences, Univ. of Karachi Hina Siddiqui <hinahej@gmail.com>, Ass. Professor, International Center for Chemical & Biological Sciences, Univ. of Karachi Farzana Shaheen <afnan.iccs@gmail.com>, Professor, International Center for Chemical & Biological Sciences, Univ. of Karachi</p> <p>Serbia Stojanovic, I. <ivana@ibiss.bg.ac.rs>, Professor, Dept. of Immunology, Institute for Biological Research ‘Sinisa Stankovic’, Univ. of Belgrade</p>
<p>Total References, h-factor</p>	<p>3563 in international literature (Web of Science), without self-citations 2956, h-index 32 4767 (Google scholar), h-index 37 https://scholar.google.com/citations?user=EexRm24AAAAJ</p>
<p>Research Publications</p>	<p>Publications in International Journals One hundred fifty eight (158) publications, with a total impact factor of the journals of ~527 and average impact factor per journal of ~3.5. The titles, the authors and the journals of the publications of the last ten years are listed below (*denotes the author to whom correspondence should be addressed)</p> <p>158. “Functional Stability of Goat’s Milk Yoghurt Supplemented with Pistacia Atlantica Resin Extracts and Saccharomyces Boulardii”. E. Hadjimbei, G. Botsaris*, V. Goulas, E. Alexandri, V. Gekas, I.P. Gerathanassis, <i>Int. J. Dairy Technol.</i>, In Press (2019).</p> <p>157. “Nuclear Magnetic Resonance Screening of Changes in Fatty Acid and Cholesterol Content of Ovine Milk Induced by Ensiled Olive Cake Inclusion in Chios Sheep Diets”. S. Symeou, C.G. Tsiafoulis, I.P. Gerathanassis, D. Miltiadou, O. Tzamaloukas, <i>Small Ruminant Res.</i>, 177, 111-116 (2019).</p>

156. "Solvent-Dependent Structures of Natural Products Based on the Combined Use of DFT Calculations and ^1H -NMR Chemical Shifts". S.H. Mari, P.C. Varras, A.-tul-Wahab*, I.M. Choudhary, M.G. Siskos, I.P. Gerotheranassis*, *Molecules*, 24, 2290 (2019); doi:10.3390/molecules24122290.
155. "NMR-Based Metabolomics of the Lipid Fraction of Organic and Conventional Bovine Milk". C.G. Tsiafoulis*, C. Papaemmanouil, D. Alivertis, O. Tzamaloukas, D. Miltiadou, S. Balayssac, M. Malet-Martino, I.P. Gerotheranassis*, *Molecules*, 24, 1067 (2019).
154. " ^1H - ^{13}C HMBC NMR Experiments as a Structural and Analytical Tool for the Characterization of Elusive Trans/Cis Hydroperoxide Isomers from Oxidized Unsaturated Fatty Acids in Solution". R. Ahmed, H. Siddiqui,* M.I. Choudhary, I.P. Gerotheranassis,* *Magn. Reson. Chem.*, 57, S67-S74 (2019).
153. "Probing the Interaction of a Quercetin Bioconjugate with Bcl-2 in Living Human Cancer Cells with In-cell NMR Spectroscopy". A. Primikyri,* N. Sayyad, G. Quilici, E.I. Vrettos, K. Lim, S.-W. Chi, G. Musco, I.P. Gerotheranassis, A.G. Tzakos*, *FEBS Letters*, 592, 3367-3379 (2018).
152. "DFT-Calculated Structures Based on ^1H NMR Chemical Shifts in Solution vs. Structures Solved by Single-Crystal X-Ray and Crystalline-Sponge Methods: Assessing Specific Sources of Discrepancies". M.G. Siskos*, M. Iqbal Choudhary and I.P. Gerotheranassis*, *Tetrahedron*, 74, 4728-4737 (2018).
151. "Exploring the Oxidation and Iron Binding Profile of a Cyclodextrin Encap-Sulated Quercetin Complex Unveiled a Controlled Complex Dissociation through a Chemical Stimuli". D. Diamantis, S. Ramesova, C.M. Chatzigiannis, I. Degano, P.S. Gerogianni, C. Karadima, S. Perikleous, D. Rekkas, I.P. Gerotheranassis, D. Galaris, T. Mavromoustakos, G. Valsami, R. Sokolova*, A.G. Tzakos*, *BBA - General Subjects*, 1862, 1913-1924 (2018).
150. "Enriching the Biological Space of Natural Products, through Real Time Biotransformation Monitoring: The NMR Tube Bioreactor". A. Chatzikonstantinou, M. Chatziathanasiadou, E. Ravera, M. Fragai, G. Parigi, I. Gerotheranassis; C. Luchinat, H. Stamatis, A. Tzakos*, *BBA - General Subjects*, 1862, 1-8 (2018).
149. "High Resolution NMR Spectroscopy as a Structural and Analytical Tool of Unsaturated Lipids in Solution". E. Alexandri, R. Ahmed, H. Siddiqui, M.I. Choudhary, C.G. Tsiafoulis, I.P. Gerotheranassis*, *Molecules*, 22, 1663 doi:10.3390/molecules22101663 (2017).
148. "Selective 1D TOCSY NMR Method for the Determination of Glutathione in White Wine". V.G. Kontogianni, C.G. Tsiafoulis, I.G. Roussis*, I.P. Gerotheranassis* *Anal. Methods* 9, 4464-4470 (2017) UoI.
147. "Refinement of Labile Hydrogen Position of Enol-Enol Tautomers of β -Dicarbonyl Compounds Based on DFT Calculations of ^1H NMR Chemical Shifts in Solution: Comparison With X-Ray and Neutron Diffraction Methods". M.G. Siskos*, M. Iqbal Choudhary and I.P. Gerotheranassis* *Org. Biomol. Chem.* 15, 4655-4666 (2017). UoI.
146. "Hydrogen Atomic Positions of O-H \cdots O Hydrogen Bonds in Solution and in the Solid State: The Synergy of Quantum Chemical Calculations with ^1H -NMR Chemical Shifts and X-ray Diffraction Methods". M.G. Siskos*, M. Iqbal Choudhary and I.P. Gerotheranassis* *Molecules* 22(3), 415 (2017). UoI.
145. "Determination of Polyphenolic Phytochemicals using Highly Deshielded -OH ^1H -NMR Signals". P. Charisiadis, V.G. Kontogianni, C.G. Tsiafoulis, A.G. Tzakos and I.P. Gerotheranassis* *Phytochem. Anal.* 28(3), 159-170 (2017). UoI.
144. " ^1H NMR Chemical Shift Assignment, Structure and Conformational Elucidation of Hypericin with the Use of DFT Calculations – The Challenge of Accurate Positions of

- Labile Hydrogens". M.G. Siskos*, M. Iqbal Choudhary, A.G. Tzakos and I.P. Gerothanassis* *Tetrahedron* 72, 8287-8293 (2016). UoI.
143. "PRESS: Protein S-Sulfenylation Server". M. Sakka, G. Tzortzis, M.D. Mantzaris, N. Bekas, T. F. Kellici, A. Likas, D. Galaris, I. P. Gerothanassis and A.G. Tzakos*. *Bioinformatics* 32, 2710-2712 (2016). UoI.
142. "Deconvoluting the Dual Antiplatelet Activity of a Plant Extract". V.G. Kontogianni, M.E. Tsoumani, T.F. Kellici, T. Mavromoustakos, I.P. Gerothanassis, A.D. Tselepis, and A.G. Tzakos*. *J. Agric. Food Chem.* 64, 4511-4521 (2016). UoI.
141. "Ethyl Acetate Extract of *Origanum vulgare* L. ssp. *hirtum* Prevents Streptozotocin-Induced Diabetes in C57BL/6 Mice". M. Vujicic, I. Nikolic, V.G. Kontogianni, T. Saksida, P. Charisiadis, B. Vasic, S. Stosic-Grujicic, I.P. Gerothanassis, A.G. Tzakos and Stojanovic I.* *J. Food Sci.* 81, 846-853 (2016). UoI.
140. "Leveraging NMR and X-ray Data of the Free Ligands to Build Better Drugs Targeting Angiotensin II Type 1 G-Protein Coupled Receptor". Kellici TF, Ntountaniotis D, Kritsi E, Zervou M, Zoumpoulakis P, Potamitis C, Durdagi S, Salmas RE, Ergun G, Gokdemir E, Halabalaki M, Gerothanassis IP, Liapakis G.*, Tzakos A*, Mavromoustakos, T.* *Curr. Med. Chem.* 23, 36-59 (2016). UoI.
139. "¹H NMR Metabolic Fingerprinting to Probe Temporal Postharvest Changes on Qualitative Attributes and Phytochemical Profile of Sweet Cherry Fruit". V. Goulas, I.S. Minas, P. Kourdoulas, A. Lazaridou, A. Molassiotis, I.P. Gerothanassis and G.A. Manganaris*. *Front. Plant. Sci.* 6, 36-59 (2015). UoI.
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<p><i>Experience in Quality Assurance in Higher Education</i></p>	<p>General</p> <p>During the last thirteen (13) years:</p> <ul style="list-style-type: none"> • as a Rector of the University of Ioannina in the period 2006-2010, • as a member of the Hellenic Quality Assurance and Accreditation Agency (2010-present) <p>I have gained considerable experience of internal and external quality assurance systems of Higher Education Institutions (HEIs) and curricula of higher education.</p> <p>Experience as a Member of the Council of HQAA</p> <p><i>I. Evaluation procedures in the field of Natural Sciences</i></p> <p>Since September 2010 I have been a member of the Council of HQAA with responsibilities in the area of natural sciences (mathematics, physics, chemistry, material sciences and engineering, computer sciences and environmental sciences). During the period September 2010 until February 2014, forty (40) Departments have been successfully evaluated under my supervision with internationally recognized external evaluators from USA, Canada and Europe.</p> <p><i>II. Accreditation procedures</i></p> <p>As a representative of HQAA in the “National Committee of the Referencing process of the Hellenic National Qualifications Framework (HNQF) to the European Qualifications Framework (EQF)”, I have gained considerable experience of the European Qualifications Framework and National Qualifications and Accreditation frameworks of several European Countries.</p>