



# CURRICULUM VITAE

UNIVERSITY OF  
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Dimitris P. Makris *PhD DIC*

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## **STUDIES**

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### **PhD – Food Chemistry (2001)**

Department of Agricultural Sciences, Imperial College – University of London (U.K.)

### **MSc – OEnology (1997)**

University Institute of Vine & Wine, University of Burgundy (FRANCE)

### **BSc – OEnology & Beverage Technology (1995)**

Technological Educational Institute (T.E.I.) of Athens (GREECE) (now University of West Attica)

## **ACADEMIC EXPERIENCE**

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### **Undergraduate Programmes**

**May 2018 – to date:** Associate Professor, Department of Food Science & Nutrition, University of Thessaly (GREECE)

**May 2014 – April 2018:** Assistant Professor, Department of Food Science & Nutrition, University of the Aegean (GREECE)

**June 2010 – April 2014:** Lecturer, Department of Food Science & Nutrition, University of the Aegean (GREECE)

**Academic year 2009 – 2010:** Adjunct Lecturer, Department of Food Science & Nutrition, University of Thessaly (GREECE)

**Academic year 2008 – 2009:** Adjunct Lecturer, Department of Agriculture, Hellenic Mediterranean University (GREECE)

**Academic years 2008 – 2009:** Adjunct Lecturer, Department of Sciences of Wine, Vine & Beverages, University of West Attica (GREECE)

**Academic years 1998 – 2000:** Demonstrating, Department of Agricultural Sciences, Imperial College – University of London (U.K.)

### **Post-graduate programmes**

**Academic years 2000 – 2001, 2003 – 2010, 2012 – 2018:** Food Quality & Chemistry of Natural Products Programme, M.A.I.Ch. (GREECE)

**Academic year 2015 – 2016:** Department of Food Science & Human Nutrition, Agricultural University of Athens (GREECE)

**Academic year 2013 – 2014:** Department of Biotechnology, Agricultural University of Athens (GREECE)

## **RESEARCH EXPERIENCE**

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**September 2009 – March 2010:** Adjunct Researcher, Department of Agricultural Engineering & Environment, Institute of Technology & Management of Agroecosystems, Centre for Research, Technology & Development – Thessaly (GREECE)

**October 2005 – August 2009:** Researcher, Food Quality & Chemistry of Natural Products Programme, M.A.I.Ch. (GREECE)

**January 2005 – June 2006:** Post-doctoral Researcher, Department of Science of Dietetics – Nutrition, Harokopio University (GREECE)

**May – December 2004:** Post-doctoral Researcher, Department of Sciences of Wine, Vine & Beverages, University of West Attica (GREECE)

**November 2003 – May 2004:** Adjunct Researcher, Institute of Vine & Wine, National Agricultural research Foundation (now Research Institute ELGO Demeter) (GREECE)

**Οκτώβριος 2000 – Δεκέμβριος 2001:** Post-doctoral Researcher, Food Quality & Chemistry of Natural Products Programme, M.A.I.Ch. (GREECE)

## **SCIENTIFIC ACTIVITIES**

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- Member of the Greek Lipid Forum
- Auditor IRCA (2007) / Food Quality Management Systems (ISO 22000:2005, ISO 19011:2002)
- Member of the Editorial Boards: Journal of Chemistry (Hindawy), International Journal of Waste Resources (Londome), Beverages (MDPI), Applied Sciences – Chemistry Section (MDPI), Food Science & Technology Section (MDPI), Biomass (MDPI), Journal of Applied research on Medicinal & Aromatic Plants (Elsevier)
- Guest editor in Recycling (MDPI) for the special issue "Food Waste – Strategies to Reuse and Prevention"
- Guest editor in Beverages (MDPI) for the special issue (special issue) " Valorization of Beverage Industry By-products"
- Guest editor in Applied Sciences (MDPI) for the special issue " High-performance Green Extraction of Bioactive Substances from Plant Resources using Deep Eutectic Solvents (DES)"
- Guest editor in Antioxidants (MDPI) for the special issue (special issue) "Polyphenolic Antioxidants from Agri-Food Waste Biomass"
- Reviewer in more than 40 international journals

## DISTINCTIONS - AWARDS

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- Distinction according to PLoS Biology 2020, Mendeley Data 2020: Ranking in 2% of the most influential scientists (in total, 20 staff members from the University of Thessaly).
- Best paper award for 2019, Clean Technologies & Environmental Policy (Springer): Stefou I., Grigorakis S., Loupassaki S., Makris D.P.†, 2019. Development of sodium propionate-based deep eutectic solvents for polyphenol extraction from onion solid wastes, 21, 1563-1574. doi: 10.1007/s10098-019-01727-8 (award €1000).
- Invited speaker:
  1. Makris D.P., 2020. Functional ingredients of Mediterranean plant foods. 13<sup>th</sup> Macedonian Congress of Nutrition & Dietetics (virtual), 25 – 27 September 2020.
  2. Makris D.P., 2020. Natural Deep Eutectic Solvents - New Generation Green Liquids for the Extraction of Multifunctional Polyphenols. 10th International Phytocosmetics & Phytotherapy Congress (virtual), 3-4 September 2020, Athens, Greece.
  3. Makris D.P., 2017. Enhanced extraction of antioxidant polyphenols from *Moringa oleifera* Lam leaves using a biomolecule-based low-transition temperature mixture. In “3rd IMEKO Foods – Metrology promoting standardization and harmonization in Food and Nutrition”, 1-4 October 2017, Thessaloniki, Greece.
  4. Makris D.P., 2008. Valorization of olive oil industry for the production of high value-added products – Natural antioxidants compounds. «Cultivation and Phytoprotection of Olive Tree», Greek Entomological Society, 4<sup>th</sup> April 2008, Nea Moudania, Chalkidiki, GREECE.

## RESEARCH PROGRAMMES

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- **EREVNO-DIMIOURGO-KAINOTOMO** research programme, entitled «Production of biofunctional still water with extracts from fruit, vegetables, Hellenic aromatic plants, hemp, *Moringa oleifera* leaves and Hellenic olive tree leaves, generated with innovative technology (deep eutectic solvents) or with addition of humic and fulvic acids», Department of Food Science & Nutrition, University of Thessaly. Funded by the Hellenic Ministry of Economy & Development and the E.U., 10.2020 – 4.2023 (€1m)
- **EREVNO-DIMIOURGO-KAINOTOMO** research programme, entitled “*Use of pulsed-electric field for the extraction of valuable compounds from plant material*”, Department of Food Science & Nutrition, University of Thessaly. Funded by the Hellenic Ministry of Economy & Development and the E.U., 7.2018 – 6.2021 (€0.96m)
- **EREVNO-DIMIOURGO-KAINOTOMO** research programme, entitled “*Designing of bio-functional chocolate products by incorporating microemulsion-encapsulated aromatic and medicinal plant extracts generated with innovative technology (deep eutectic solvents)*”, funded by the Hellenic Ministry of Economy & Development and the E.U. 7.2018 – 6.2021 (€0.76m)
- **THALES:** "Assessment and optimisation of ageing parameters of red and white wines from Cretan varieties - Production of added-value quality wines", (Department of Chemistry, University of Crete, 10.2012 - 9.2015).

- **STREP/DEVELONUTRI (FP6)**: "Development of high throughput approaches to optimise the nutritional value of crops and crop-based foods" (M.A.I.Ch., 2.2007 - 8.2009)
- **INTERREG IIIC SUD/FARVALDI**: " Action frontalière pour la conservation de l'agrobiodiversité régionale et pour la valorisation d'une différentiation identifiable des produits " (M.A.I.Ch., 10.2005 - 1.2007)
- **Post-doctoral fellowship**: "Valorisation of food industry wastes for the recovery of high added-value products - Antioxidants from vinification by-products", (Harokopio University, 1.2005 - 6.2006).
- **ARCHIMEDES**: "Development of technologies for fast olive debittering and the production of high nutritional value products", (University of Applied Sciences of Athens, 3.2004 - 12.2004).
- **EPEAEK II**: Reform of the undergraduate programme (Department of Oenology & Beverage Technology, University of Applied Sciences of Athens, 3.2004 - 9.2004).
- **Bilateral Greece - Albania**: "Study on the polyphenolic composition of Greek and Albanian wines" (National Agricultural Research Foundation, 11.2003 - 3.2004).
- **ALTENER (AI/2002/238)**: "Studies on the exploitation of carobs (*Ceratonia siliqua*) for bioethanol production". (M.A.I.Ch., 6.2001 - 12.2001).

## DISSERTATION – THESIS SUPERVISING

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- Undegraduate dissertations: 25
- Master theses: 31
- PhD theses: 4

## PUBLICATIONS

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### **Editions**

1. Makris D.P., 2021. "High-Performance Green Extraction of Natural Products", Special Issue, Applied Sciences (MDPI).
2. Makris D.P., Şahin S., 2020. "Polyphenolic Antioxidants from Agri-Food Waste Biomass", Special Issue, Antioxidants (MDPI).

### **Book chapters**

1. **Makris D.P.<sup>†</sup>, 2021.** CHAPTER 16. Recovery and applications of enzymes from food wastes. In "**Food Waste Recovery: Processing Technologies, Industrial Techniques, and Applications.**" Galanakis Ch. ed., Academic Press, London, U.K., pp. 313-325. **ISBN: 978-0-12-820563-1**

2. **Makris D.P.<sup>†</sup>, 2015.** CHAPTER 16. Recovery and applications of enzymes from food wastes. In “**Food Waste Recovery: Processing Technologies and Techniques.**” Galanakis Ch. ed., ELSEVIER Publ. (San Diego, CA), pp. 361-379. **ISBN: 978-0-12-800351-0**
3. **Makris D.P.<sup>†</sup>, Boskou D., 2014.** CHAPTER 9. Plant-derived antioxidants as food additives. In “**Plants as a Source of Natural Antioxidants**”, Dubei N.K. ed., CABI Publ. (Oxfordshire, U.K.), pp. 169-190. **ISBN: 978-1-78-064266-6**
4. Kefalas P., **Makris D.P., 2006.** CHAPTER 4. Liquid chromatography-mass spectrometry techniques in flavonoid analysis: recent advances. In “**Antioxidant Plant Phenols: Sources, Structure-Activity Relationship, Current Trends in Analysis and Characterization**”, Boskou D., Gerothanasis I., Kefalas P. ed., RESEARCH SIGNPOST Publ. (Kerala, India), pp 69-123. **ISBN: 81-308-0029-2**

## Reviews

1. **Makris D.P.<sup>†</sup>, Lalas, S., 2020.** Glycerol and glycerol-based deep eutectic mixtures as emerging green solvents for polyphenol extraction: the evidence so far. **Molecules**, 25, 5842. [doi:10.3390/molecules25245842](https://doi.org/10.3390/molecules25245842)
2. **Makris D.P.<sup>†</sup>, 2018.** Green extraction processes for the efficient recovery of bioactive polyphenols from wine industry solid wastes – Recent progress. **Current Opinion in Green & Sustainable Chemistry**, 13, 50-55. [doi: 10.1016/j.cogsc.2018.03.013](https://doi.org/10.1016/j.cogsc.2018.03.013)
3. Tzima K., **Makris D.P., Nikiforidis C., Mourtzinos I., 2015.** Potential use of rosemary, propolis and thyme as natural food preservatives. **Journal of Nutrition & Health**, 1(1), 6.
4. **Makris D.P.<sup>†</sup>, Kallithraka S., Kefalas P., 2006.** Critical Review. Flavonols in grapes, grape products and wines: burden, profile and influential parameters. **Journal of Food Composition & Analysis**, 19, 396-404. [doi: 10.1016/j.jfca.2005.10.003](https://doi.org/10.1016/j.jfca.2005.10.003)
5. **Makris D.P.<sup>†</sup>, Kallithraka S., Kefalas P., 2003.** Polyphenols in Hellenic wines: Creating composition tables as a tool for epidemiological studies. **Journal of Wine Research** 14(2-3), 103-114. [doi: 10.1080/09571260410001678003](https://doi.org/10.1080/09571260410001678003)

## Research papers

1. Shaheen S., Grigorakis S., Halahlah A., Loupassaki S., **Makris D.P.<sup>†</sup>, 2021.** Extractor dimensions affect optimization of laboratory-scale batch solid-liquid extraction of polyphenols from plant material: potato peels as a case study. **Chemical Engineering Communications**. [doi: 10.1080/00986445.2020.1805438](https://doi.org/10.1080/00986445.2020.1805438)
2. Kurtulbaş E., Gizem Pekel A., Bilgin M., **Makris D., Şahin S., 2021.** Citric acid-based deep eutectic solvent for the anthocyanin recovery from *Hibiscus sabdariffa* through microwave-assisted extraction. **Biomass Conversion & Biorefinery**. [doi: 10.1007/s13399-020-00606-3](https://doi.org/10.1007/s13399-020-00606-3)
3. Chakroun D., Grigorakis S., Loupassaki S., **Makris D.P.<sup>†</sup>, 2021.** Enhanced-performance extraction of olive (*Olea europaea*) leaf polyphenols using L-lactic acid/ammonium acetate deep eutectic solvent combined with β-cyclodextrin: screening, optimisation, temperature effects and stability. **Biomass Conversion & Biorefinery**. [doi: 10.1007/s13399-019-00521-2](https://doi.org/10.1007/s13399-019-00521-2)
4. Kaltsa O., Alibade A., Bozinou E., **Makris D.P., Lalas S.I., 2021.** Encapsulation of *Moringa oleifera* extract in Ca-alginate chocolate beads: physical and antioxidant properties. **Journal of Food Quality**, ID 5549873. [doi: 10.1155/2021/5549873](https://doi.org/10.1155/2021/5549873)
5. Kyriakidou A., **Makris D.P., Lazaridou A., Biliaderis C.G., Mourtzinos I., 2021.** Physical properties of chitosan films containing pomegranate peel extracts obtained by deep eutectic solvents. **Foods**, 10, 1262. [doi: 10.3390/foods10061262](https://doi.org/10.3390/foods10061262)

6. Lakka A., Bozinou E., Makris D.P., Lalas S.I., **2021**. Evaluation of pulsed electric field polyphenol extraction from *Vitis vinifera*, *Sideritis scardica* and *Crocus sativus*. **ChemEngineering**, 5, 25. doi: [10.3390/chemengineering5020025](https://doi.org/10.3390/chemengineering5020025)
7. Kellil A., Grigorakis S., Loupassaki S., Makris D.P.<sup>†</sup>, **2021**. Empirical kinetic modelling and mechanisms of quercetin thermal degradation in aqueous model systems: effect of pH and addition of antioxidants. **Applied Sciences**, 11, 2579. doi: [10.3390/app11062579](https://doi.org/10.3390/app11062579)
8. Grigorakis S., Halahlah A., Makris D.P.<sup>†</sup>, **2020**. Stability of *Salvia fruticosa* Mill. polyphenols and antioxidant activity in a citrate-based natural deep eutectic solvent. **Nova Biotechnologica et Chimica**, 19(2), 200 – 207.
9. Lakka A., Lalas S., Makris D.P.<sup>†</sup>, **2020**. Hydroxypropyl- $\beta$ -cyclodextrin as a green co-solvent in the aqueous extraction of polyphenols from waste orange peels. **Beverages**, 6, 50. doi:[10.3390/beverages6030050](https://doi.org/10.3390/beverages6030050)
10. Cherif M. M., Grigorakis S., Halahlah A., Loupassaki S., Makris D.P.<sup>†</sup>, **2020**. High-efficiency extraction of phenolics from wheat waste biomass (bran) by combining deep eutectic solvent, ultrasound-assisted pretreatment and thermal treatment. **Environmental Processes**, 7, 845-859. doi: [10.1007/s40710-020-00449-0](https://doi.org/10.1007/s40710-020-00449-0)
11. Grigorakis S., Halahlah A., Makris D.P.<sup>†</sup>, **2020**. Batch stirred-tank green extraction of *Salvia fruticosa* Mill. polyphenols using newly designed citrate-based deep eutectic solvents and ultrasonication pretreatment. **Applied Sciences**, 10, 4774. doi:[10.3390/app10144774](https://doi.org/10.3390/app10144774)
12. Grigorakis S., Halahlah A., Makris D.P.<sup>†</sup>, **2020**. Hydroglycerolic solvent and ultrasonication pretreatment: a green blend for high-efficiency extraction of *Salvia fruticosa* polyphenols. **Sustainability**, 12, 4840. doi:[10.3390/su12124840](https://doi.org/10.3390/su12124840)
13. Lakka A., Lalas S., Makris D.P.<sup>†</sup>, **2020**. Development of a low-temperature and high-performance green extraction process for the recovery of polyphenolic phytochemicals from waste potato peels using hydroxypropyl  $\beta$ -cyclodextrin. **Applied Sciences**, 10, 3611. doi:[10.3390/app10103611](https://doi.org/10.3390/app10103611)
14. Grigorakis S., Benchennouf A., Halahlah A., Makris D.P.<sup>†</sup>, **2020**. High-performance green extraction of polyphenolic antioxidants from *Salvia fruticosa* using cyclodextrins: optimization, kinetics and composition. **Applied Sciences**, 10, 3447. doi:[10.3390/app10103447](https://doi.org/10.3390/app10103447)
15. Kaltsa O., Grigorakis S., Lakka A., Bozinou E., Lalas S., Makris D.P.<sup>†</sup>, **2020**. Green valorization of olive leaves to produce polyphenol-enriched extracts using an environmentally benign deep eutectic solvent. **AgriEngineering**, 2, 226-239. doi:[10.3390/agriengineering2020014](https://doi.org/10.3390/agriengineering2020014)
16. Kaltsa O., Lakka A., Grigorakis S., Karageorgou I., Batra G., Bozinou E., Lalas S., Makris D.P.<sup>†</sup>, **2020**. A green extraction process for polyphenols from elderberry (*Sambucus nigra*) flowers using deep eutectic solvent and ultrasound-assisted pretreatment. **Molecules**, 25, 921. doi:[10.3390/molecules25040921](https://doi.org/10.3390/molecules25040921)
17. Lakka A., Grigorakis S., Kaltsa O., Karageorgou I., Batra G., Bozinou E., Lalas S., Makris D.P.<sup>†</sup>, **2020**. The effect of ultrasonication pretreatment on the production of polyphenol-enriched extracts from *Moringa oleifera* L. (drumstick tree) using a novel bio-based deep eutectic solvent. **Applied Sciences**, 10, 220. doi:[10.3390/app10010220](https://doi.org/10.3390/app10010220)
18. Photiades A., Grigorakis S., Makris D.P.<sup>†</sup>, **2020**. Kinetics and modelling of L-cysteine effect on the Cu(II)-induced oxidation of quercetin. **Chemical Engineering Communications**, 207, 139-152. doi: [10.1080/00986445.2019.1574767](https://doi.org/10.1080/00986445.2019.1574767)
19. Lakka A., Grigorakis S., Karageorgou I., Batra G., Kaltsa O., Bozinou E., Lalas S., Makris D.P.<sup>†</sup>, **2019**. Saffron processing wastes as a bioresource of high value-added

- compounds: Development of a green extraction process for polyphenol recovery using a natural deep eutectic solvent. **Antioxidants**, 8, 586. doi: [10.3390/antiox8120586](https://doi.org/10.3390/antiox8120586)
20. Stefou I., Grigorakis S., Loupassaki S., Makris D.P., **2019**. Development of sodium propionate-based deep eutectic solvents for polyphenol extraction from onion solid wastes. **Clean Technologies & Environmental Policy**, 21, 1563-1574. doi: [10.1007/s10098-019-01727-8](https://doi.org/10.1007/s10098-019-01727-8)
21. Lakka A., Karageorgou I., Kaltza O., Batra G., Bozinou E., Lalas S., Makris D.P., **2019**. Polyphenol extraction from *Humulus lupulus* (hop) using a neoteric glycerol/L-alanine deep eutectic solvent: optimisation, kinetics and the effect of ultrasound-assisted pretreatment. **AgriEngineering**, 1, 403-417. doi: [10.3390/agriengineering1030030](https://doi.org/10.3390/agriengineering1030030)
22. Lalas S., Alibade A., Bozinou E., Makris D.P., **2019**. Drying optimization to obtain carotenoid-enriched extracts from industrial peach processing waste (pomace). **Beverages**, 5, 43. doi: [10.3390/beverages5030043](https://doi.org/10.3390/beverages5030043)
23. Kurtulbaş E., Yazar S., Makris D., Şahin S., **2019**. Optimization of bioactive substances in the wastes of some selective Mediterranean crops. **Beverages**, 5, 42. doi: [10.3390/beverages5030042](https://doi.org/10.3390/beverages5030042)
24. Athanasiadis V., Grigorakis S., Lalas S., Makris D.P., **2018**. Highly efficient extraction of antioxidant polyphenols from *Olea europaea* leaves using an eco-friendly glycerol/glycine deep eutectic solvent. **Waste & Biomass Valorization**, 9(11), 1985-1992. doi: [10.1007/s12649-017-9997-7](https://doi.org/10.1007/s12649-017-9997-7)
25. Bobolaki N., Photiades A., Grigorakis S., Makris D.P., **2018**. Kinetic modelling of the effect of L-ascorbic acid on the Cu(II)-induced oxidation of quercetin. **ChemEngineering**, 2, 46. doi: [10.3390/chemengineering2040046](https://doi.org/10.3390/chemengineering2040046)
26. Karageorgou I., Grigorakis S., Lalas S., Makris D.P., **2018**. Effects of 2-hydroxypropyl β-cyclodextrin on the stability of polyphenolic compounds from *Moringa oleifera* Lam leaf extracts in a natural low-transition temperature mixture. **Nova Biotechnologica et Chimica**, 17(1), 29-37. doi: [10.2478/nbec-2018-0003](https://doi.org/10.2478/nbec-2018-0003)
27. Athanasiadis V., Grigorakis S., Lalas S., Makris D.P., **2018**. Stability effects of methyl β-cyclodextrin on *Olea europaea* leaf extracts in a natural deep eutectic solvent. **European Food Research & Technology**, 244, 1783-1792. doi: [10.1007/s00217-018-3090-8](https://doi.org/10.1007/s00217-018-3090-8)
28. Slim Z., Jancheva M., Grigorakis S., Makris D.P., **2018**. Polyphenol extraction from *Origanum dictamnus* using low-transition temperature mixtures composed of glycerol and organic salts: effect of organic anion carbon chain length. **Chemical Engineering Communications**, 205(10), 1494-1505. doi: [10.1080/00986445.2018.1458026](https://doi.org/10.1080/00986445.2018.1458026)
29. Mourtzinos I., Prodromidis P., Grigorakis S., Makris D.P., Biliaderis C.G., Moschakis T., **2018**. Natural food colourants derived from onion wastes: application in a yogurt product. **Electrophoresis**, 39, 1975-1983 doi: [10.1002/elps.201800073](https://doi.org/10.1002/elps.201800073)
30. Athanasiadis V., Grigorakis S., Lalas S., Makris D.P., **2018**. Methyl β-cyclodextrin as a booster for the extraction of *Olea europaea* leaf polyphenols with a bio-based deep eutectic solvent. **Biomass Conversion & Biorefinery**, 8(2), 345-355. doi: [10.1007/s13399-017-0283-5](https://doi.org/10.1007/s13399-017-0283-5)
31. Karageorgou I., Grigorakis S., Lalas S., Mourtzinos I., Makris D.P., **2018**. Incorporation of 2-hydroxypropyl β-cyclodextrin in a biomolecule-based low-transition temperature mixture (LTTM) boosts efficiency of polyphenol extraction from *Moringa oleifera* Lam leaves. **Journal of Applied Research on Medicinal & Aromatic Plants**, 9, 62-69. doi [10.1016/j.jarmap.2018.02.005](https://doi.org/10.1016/j.jarmap.2018.02.005)
32. Mourtzinos I., Menexis N., Iakovidis D., Makris D.P., Goula A., **2018**. A green extraction process to recover polyphenols from byproducts of hemp oil processing. **Recycling**, 3, 15. doi: [10.3390/recycling3020015](https://doi.org/10.3390/recycling3020015)

33. Grigorakis S., Makris D.P., **2018**. Characterisation of polyphenol-containing extracts from *Stachys mucronata* and evaluation of their antiradical activity. **Medicines**, 5, 14. doi: [10.3390/medicines5010014](https://doi.org/10.3390/medicines5010014)
34. Makris D.P., **2017**. Extraction of red grape pomace antioxidants with aqueous organic acid solutions using kinetic modelling. **Journal of Agricultural Sciences**, 62(3), 287-298. doi: [10.2298/JAS1703287M](https://doi.org/10.2298/JAS1703287M)
35. Lalas S., Athanasiadis V., Karageorgou I., Batra G., Nanos G., Makris D.P., **2017**. Nutritional characteristics of *Moringa oleifera* tree leaves and herbal tea. **Journal of Herbs, Spices & Medicinal Plants**, 23(4), 320-333. doi: [10.1080/10496475.2017.1334163](https://doi.org/10.1080/10496475.2017.1334163)
36. Jancheva M., Grigorakis S., Loupassaki, S., Makris D.P., **2017**. Optimised extraction of antioxidant polyphenols from *Satureja thymbra* using newly designed glycerol-based natural low-transition temperature mixtures (LTTMs). **Journal of Applied Research on Medicinal & Aromatic Plants**, 6, 31-40. doi: [10.1016/j.jarmap.2017.01.002](https://doi.org/10.1016/j.jarmap.2017.01.002)
37. Karageorgou I., Grigorakis S., Lalas S., Makris D.P., **2017**. Enhanced extraction of antioxidant polyphenols from *Moringa oleifera* Lam. leaves using a biomolecule-based low-transition temperature mixture. **European Food Research & Technology**, 243, 1839-1848 doi: [10.1007/s00217-017-2887-1](https://doi.org/10.1007/s00217-017-2887-1)
38. Athanasiadis V., Lalas S., Makris D.P., **2017**. Effect of methyl  $\beta$ -cyclodextrin on radical scavenging kinetics of olive leaf extracts and interactions with ascorbic acid. **ChemEngineering**, 1, 6. doi:[10.3390/chemengineering1010006](https://doi.org/10.3390/chemengineering1010006)
39. Georgantzi C., Liolou A.-E., Paterakis N., Makris D.P., **2017**. Combination of lactic acid-based deep eutectic solvents (DES) with  $\beta$ -cyclodextrin: performance screening using ultrasound-assisted extraction of polyphenols from selected native Greek medicinal plants. **Agronomy**, 7, 54. doi:[10.3390/agronomy7030054](https://doi.org/10.3390/agronomy7030054)
40. Dedousi M., Mamoudaki V., Grigorakis S., Makris D.P., **2017**. Ultrasound-assisted extraction of polyphenolic antioxidants from olive (*Olea europaea*) leaves using a novel glycerol/sodium-potassium tartrate low-transition temperature mixture (LTTM). **Environments**, 4, 31. doi:[10.3390/environments4020031](https://doi.org/10.3390/environments4020031)
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## Editorials

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## International conferences

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