

Res. Asst. ELİF MELTEM İŞÇİMEN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAL-7687-2021

ScopusID: 57192105671

Yoksis Researcher ID: 235611

Education Information

Doctorate, Erciyes University, Mühendislik Fakültesi, Gıda Mühendisliği , Turkey 2018 - 2022

Postgraduate, Erciyes University, Mühendislik Fakültesi, Gıda Mühendisliği , Turkey 2013 - 2016

Undergraduate, Erciyes University, Mühendislik Fakültesi, Gıda Mühendisliği , Turkey 2009 - 2013

Foreign Languages

English, B1 Intermediate

Research Areas

Food Engineering, Food Science, Food Chemistry, Food Technology, Cereals Technology, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Erciyes University, Mühendislik Fakültesi, Gıda Mühendisliği , 2015 - Continues

Academic and Administrative Experience

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Optimization of ultrasound-assisted aqueous two-phase system (ATPS) of phenolics from apple pulp and peel**
İŞÇİMEN E. M. , Berktas S., ÇAM M., HAYTA M.
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, 2022 (Peer-Reviewed Journal)
- II. **Effect of ultrasound pretreatment on the functional and antioxidant properties of fermented and germinated Lupin protein isolates grafted with glucose**
İşçimen E. M. , Hayta M.
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.102, no.2, pp.550-556, 2022 (Peer-Reviewed)

Journal)

- III. **Microwave-assisted aqueous two-phase system based extraction of phenolics from pulses: Antioxidant properties, characterization and encapsulation**
İşçimen E. M. , Hayta M.
Industrial Crops and Products, vol.173, 2021 (Peer-Reviewed Journal)
- IV. **Antioxidant and antihypertensive protein hydrolysates from rice bran: optimization of microwave assisted extraction**
Hayta M., Benli B., İşçimen E. M. , Kaya A.
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.15, no.3, pp.2904-2914, 2021 (Peer-Reviewed Journal)
- V. **Optimization of antihypertensive and antioxidant hydrolysate extraction from rice bran proteins using ultrasound assisted enzymatic hydrolysis**
HAYTA M., Benli B., İŞÇİMEN E. M. , KAYA A.
Journal of Food Measurement and Characterization, vol.14, pp.2578-2589, 2020 (Peer-Reviewed Journal)
- VI. **Antidiabetic, Antihypertensive and Antioxidant Properties of Grapevine Leaf Extracts Obtained by Ultrasound, Microwave Assisted, and Classical Solvent Extraction**
Hayta M., İşçimen E. M.
ERWERBS-OBSTBAU, vol.60, pp.79-85, 2018 (Peer-Reviewed Journal)
- VII. **Optimisation of ultrasound assisted extraction of rice bran proteins: effects on antioxidant and antiproliferative properties**
İŞÇİMEN E. M. , HAYTA M.
QUALITY ASSURANCE AND SAFETY OF CROPS & FOODS, vol.10, no.2, pp.165-174, 2018 (Peer-Reviewed Journal)
- VIII. **Optimization of ultrasound-assisted antioxidant compounds extraction from germinated chickpea using response surface methodology**
Hayta M., İşçimen E. M.
LWT - Food Science and Technology, vol.77, pp.208-216, 2017 (Peer-Reviewed Journal)

Articles Published in Other Journals

- I. **Antioxidant Properties of Grapevine Leaves Obtained by Optimized Microwave Assisted Extraction**
İşçimen E. M. , Hayta M.
Çukurova Tarım ve Gıda Bilimleri Dergisi, vol.36, no.1, pp.1-12, 2021 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Tahılların Fonksiyonel Özellikleri ve Fonksiyonel Tahıl Ürünleri**
HAYTA M., İŞÇİMEN E. M.
in: Hububat Bilimi ve Teknolojisi, Prof Dr. Hamit Köksel, Editor, sidas medya, İzmir, pp.173-184, 2021
- II. **Effects of Phytochemical Fortification of Flour and Bread on Human Health**
HAYTA M., İŞÇİMEN E. M.
in: Flour and Breads and Their Fortification in Health and Disease Prevention, Ball M., Ikeda S., Editor, Elsevier Science, Oxford/Amsterdam , London, pp.273-289, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **ULTRASOUND AND MICROWAVE ASSISTED BIOACTIVE COMPOUND EXTRACTION FROM EDIBLE LEAVES**
İşçimen E. M. , Hayta M.

IX. UMTEB INTERNATIONAL CONGRESS ON VOCATIONAL & TECHNICAL SCIENCES, Gaziantep, Turkey, 7 - 08 February 2020, pp.124

II. Applications of Electrospinning and Electrospaying on Cereal Proteins

İşçimen E. M. , Hayta M.

IX. UMTEB INTERNATIONAL CONGRESS ON VOCATIONAL & TECHNICAL SCIENCES, Gaziantep, Turkey, 7 - 08 February 2020, pp.123

III. PHYTOCHEMICAL ENRICHED FUNCTIONAL BREAD: ANTIOXIDANT PROPERTIES

HAYTA M., İŞÇİMEN E. M.

The 4th International Conference on Engineering and Natural Sciences (ICENS), 2 - 06 May 2018

IV. Fonksiyonel gıdalarda kullanılacak biyoaktif bileşenlerin elektrospin (elektroçirime) ve elektrosprey (elektropüskürtme) metodlarıyla enkapsülasyonu

HAYTA M., İŞÇİMEN E. M.

2nd International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOT), 2 - 05 April 2018

V. Extraction And Purification Of Bioactive Peptides From Cereals

İŞÇİMEN E. M. , HAYTA M.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017

VI. Recent advances in ultrasound and microwave assisted extraction of bioactive compounds from plant food processing by-products

HAYTA M., İŞÇİMEN E. M.

International Conference on Advances and Innovations in Engineering, Elazığ, Turkey, 10 - 12 May 2017, pp.675

VII. Innovative applications of ultrasound to prepare protein hydrolysates and bioactive peptides from plant materials

HAYTA M., İŞÇİMEN E. M.

International Conference on Advances and Innovations in Engineering, Elazığ, Turkey, 10 - 12 May 2017, pp.167

VIII. Cytotoxicity of rice bran protein obtained by ultrasound assisted extraction

İŞÇİMEN E. M. , HAYTA M.

4th International ISEKI Food Conference, 6 - 08 July 2016

IX. Effect of ultrasound application on the production of angiotensin converting enzyme inhibitory peptides

İŞÇİMEN E. M. , HAYTA M.

4 th International ISEKI Food Conference, 6 - 08 July 2016

X. OPTIMIZATION OF ULTRASOUND ASSISTED EXTRACTION OF RICE BRAN PROTEINS

HAYTA M., İŞÇİMEN E. M. , BENLİ B.

ICBC 2016, 18 - 21 April 2016

XI. ULTRASOUND AND MICROWAVE ASSISTED EXTRACTION OF BIOACTIVE COMPOUNDS FROM RICE BRAN

HAYTA M., İŞÇİMEN E. M.

ICBC 2016, 18 - 21 April 2016

Scientific Refereeing

JOURNAL OF FOOD PROCESSING AND PRESERVATION, SCI Journal, March 2021

JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, SCI Journal, December 2020

Metrics

Publication: 24

Citation (WoS): 49

Citation (Scopus): 55

H-Index (WoS): 3

H-Index (Scopus): 3

Scholarships

Proje Asistanlığı, TUBITAK, 2014 - 2015

Awards

İşçimen E. M. , Gıda Mühendisliği Bölümü Dönem Birinciliği, Erciyes Üniversitesi Mühendislik Fakültesi Dekanlığı, June 2013