



LOREDANA DUMITRASCU

CERCETATOR POSTDOCTORAL

DOMENII DE INTERES

STIINTA SI INGINERIA ALIMENTELOR

ARI DE EXPERTIZA

Valorificarea produselor secundare din industria alimentara

Microincapsularea compusilor biologic activi

Proteine si peptide

Siguranta alimentelor

5 PUBLICATII RELEVANTE

Ultrasound-assisted Maillard conjugation of yeast proteins hydrolysate with polysaccharides for encapsulating the anthocyanins from aronia. **ANTIOXIDANTS**, 2024-05 | JOURNAL-ARTICLE DOI: <https://www.mdpi.com/2076-3921/13/5/570>

Alternative processing options for improving the proteins functionality by Maillard conjugation. **FOODS**, 2023-09 | JOURNAL-ARTICLE DOI: <https://www.mdpi.com/2304-8158/12/19/3588>

Proteases as tools for modulating the antioxidant activity and functionality of the spent brewer's yeast proteins. **MOLECULES**, 2023-04 | JOURNAL-ARTICLE DOI: <https://www.mdpi.com/1420-3049/28/9/3763>

Microencapsulation of bioactive compounds from cornelian cherry fruits using different biopolymers with soy proteins, **FOOD BIOSCIENCE**, 2021-06 | JOURNAL-ARTICLE DOI: <https://doi.org/10.1016/j.fbio.2021.101032>.

Transglutaminase mediated microencapsulation of sea buckthorn supercritical CO2 extract in whey protein isolate and valorization in highly value-added food products, **FOOD CHEMISTRY**, 2018-10 | JOURNAL-ARTICLE DOI: <https://doi.org/10.1016/j.foodchem.2018.04.067>

AFILIERE

Universitatea „Dunărea de Jos”
din Galati

Facultatea de Stiinta si Ingineria
Alimentelor

Strada Domnească Nr. 111,
Galati, Romania

Pozitia: Conferentiar, PhD

INFORMATII PERSONALE

E-mail :

loredana.dumitrascu@ugal.ro

ORCID ID:

<https://orcid.org/0000-0001-6007-574X>

Website:

<https://www.unicer.ugal.ro/index.php/en/about-tehnia>

<https://www.safir.ugal.ro/>

PROIECT 9PCE/2025

**Resurse alternative
sustenabile pentru inovare
în industria alimentară prin
dezvoltarea de noi
ingrediente cu beneficii
pentru sănătate**



SAFIR

Capitole cărți:

EVALUATION OF THERMAL PROCESSING IN DAIRY INDUSTRY USING MILK ENZYMES. In Deepak Kumar Verma, Ami Patel and Prem Prakash Srivastav (Eds): *Bioprocessing Technology in Food and Health*, Apple Academic Press, Inc.

Thermal Stability of Carotenoids- α -Lactalbumin Complex. In: ***Encyclopedia of Food Chemistry, 2019, Pages 583-588.***, Edited by Elsevier