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### Kişisel Bilgiler

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Birimi : Gıda Bilimleri

Dahili : 3669

### Makaleler (YOKSIS)

- 1 **Determination of the characteristic attributes of cottonseed protein concentrate**  
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Gıda / The Journal of Food, <http://dx.doi.org/10.15237/gida.gd22115>
- 2 **Aflatoxins B1 B2 G1 and G2 contamination in ground red peppers commercialized in Sanliurfa Turkey**  
KARAASLAN MEHMET, Yusuf Arslanğray  
Environmental Monitoring and Assessment, <http://link.springer.com/10.1007/s10661-015-4402-0>
- 3 **Antiproliferative and antioxidant activities of Turkish pomegranate (Punica granatum L.) accessions**  
KARAASLAN MEHMET, VARDİN HASAN, VARLIKLIÖZ SUZAN, YILMAZ FATİH MEHMET  
International Journal of Food Science and Technology, <http://doi.wiley.com/10.1111/ijfs.12278>
- 4 **Antiproliferative and antioxidant activities of Turkish pomegranate Punica granatum L accessions**  
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Grasas Y Aceites, <http://dx.doi.org/10.3989/gya.0915192>
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Food and Bioprocess Technology, <https://doi.org/10.1007/s11947-025-03782-0>

- 7 **Brown rice protein–dietary fibre conjugate improves bioaccessibility of minerals via modifying gelling structure of&nbsp;yoghurt**  
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International Journal of Food Science & Technology,<http://dx.doi.org/10.1111/ijfs.17085>
- 8 **Characterization of an expansin gene and its ripening specific promoter fragments from sour cherry *Prunus cerasus* L cultivars**  
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Acta Physilogae Plantarum,
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Journal of Food Processing and Preservation,<http://dx.doi.org/10.1111/jfpp.14692>
- 10 **Design and characterization of a pea protein/nucleic acid-based biopolymeric film for strawberry preservation**  
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Food Packaging and Shelf Life,<https://doi.org/10.1016/j.fpsl.2025.101557>
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Foods,<http://dx.doi.org/10.3390/foods12234219>
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Food Science & Nutrition, <https://doi.org/10.1002/fsn3.70394>
- 18 **Effect of *Oryctolagus cuniculus* (rabbit) rennet on the texture, rheology, and sensory properties of white cheese/title**  
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Food Science Nutrition, <http://doi.wiley.com/10.1002/fsn3.649>
- 19 **Effects of cytokinin on callus proliferation associated with physiological and biochemical changes in *Vitis vinifera* L**  
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African Journal of Biotechnology,
- 21 **Effects of rootstocks and irrigation levels on grape quality of *vitis vinifera* L cv Shiraz**  
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african Journal of Biotechnology,
- 22 **Enhancing thermal and emulsifying resilience of pomegranate fruit protein with gum Arabic conjugation**  
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Colloids and Surfaces B: Biointerfaces, <http://dx.doi.org/10.1016/j.colsurfb.2022.112516>
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Acta Societatis Botanicorum Poloniae, <http://dx.doi.org/10.5586/asbp.9011>
- Ethnobotanical and Chemical Studies on Gezo Molasses from *Quercus brantii* Lindl. Acorns in Turkey**  
SATIL FATİH, AKAN HASAN, KARAASLAN MEHMET, BALOŞ Mehmet Maruf, BAŞYİĞİT BÜLENT  
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Food Biophysics, <https://doi.org/10.1007/s11483-024-09901-2>
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Food Hydrocolloids, <http://dx.doi.org/10.1016/j.foodhyd.2022.107899>

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Biomass Conversion and Biorefinery, <http://dx.doi.org/10.1007/s13399-022-03225-2>
- 34 **Gum arabic/maltodextrin microencapsulation confers peroxidation stability and antimicrobial ability to pepper seed oil**  
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Food Chemistry, <https://linkinghub.elsevier.com/retrieve/pii/S0308814620316101>
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Materials Today Communications, <http://dx.doi.org/10.1016/j.mtcomm.2021.102618>
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- 36 Journal of Food Science and Technology,<http://dx.doi.org/10.1007/s13197-023-05892-z>
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Omer Halisdemir Üniversitesi,<http://dx.doi.org/10.28948/ngumuh.1205063>
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International Journal of Biological Macromolecules,<http://dx.doi.org/10.1016/j.ijbiomac.2023.123352>
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Powder Technology,<https://linkinghub.elsevier.com/retrieve/pii/S0032591020301418>
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Materials Chemistry and Physics,<https://doi.org/10.1016/j.matchemphys.2024.129603>
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Waste and Biomass Valorization,<http://dx.doi.org/10.1007/s12649-021-01427-9>
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Omer Halisdemir Üniversitesi,<http://dx.doi.org/10.28948/ngumuh.1296312>
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- 45 **Optimisation of phenolic compound biosynthesis in grape Boğazkere Cv callus culture**  
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African Journal of biotechnology,
- 46 **Optimization of extraction parameters on the isolation of phenolic compounds from sour cherry Prunus cerasus L pomace**  
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- 48 **PAMUK ÇEKİRDEĞİ PROTEİN KONSANTRESİNİN KARAKTERİSTİK ÖZELLİKLERİNİN BELİRLENMESİ**  
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Protein Expression and Purification, <http://dx.doi.org/10.1016/j.pep.2021.105874>
- 55 **Siirt İlinde Yetiştirilen Zivzik ve Pervari Nar Genotiplerinin Pomolojik ve Fizikokimyasal Özelliklerinin Karakterizasyonu**  
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CRITICAL REVIEWS IN FOOD SCIENCE AND NUTRITION,<https://www.tandfonline.com/doi/full/10.1080/10408398.2018.1496901>
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Journal of Food Measurement and Characterization,<http://dx.doi.org/10.1007/s11694-023-02347-z>
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Journal of Applied Botany and Food Quality,<https://doi.org/10.5073/JABFQ.2024.097.013>
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FOOD HYDROCOLLOIDS,<http://dx.doi.org/10.1016/j.foodhyd.2023.109202>

- 67 **Synthesizing mechanically robust natural pea protein hydrogels via deep cryogenic treatment: State of the art in bioactive compound delivery system**  
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Food Hydrocolloids,<http://dx.doi.org/10.1016/j.foodhyd.2023.109202>
- 68 **The effect of temperature and method of drying on isot (urfa pepper) and its vitamin C degradation kinetics**  
dağhan şahabettin, YILDIRIM ALİ, YILMAZ FATİH MEHMET, VARDİN HASAN, KARAASLAN MEHMET  
Italian Journal of Food Science,<http://www.chirotieditori.it/ojs/index.php/ijfs/article/view/1070>
- 69 **The effect of temperature and method of drying on isot (Urfa pepper) and its vitamin C degradation kinetics**  
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- 70 **The effects of drying conditions on moisture transfer and quality of pomegranate fruit leather pestil**  
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