

2026 yılı

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The CeRNA role of HOTAIR: sponging MiRs to promote chemoresistance	Negarsadat Nademi, Pelin Ozfiliz-Kilbas	Molecular Biology Reports https://link.springer.com/article/10.1007/s11033-026-11490-x	22 January 2026	SCI-Expanded
In Silico Structure-Guided Design of Peptide Candidates Targeting γ -Secretase Subunit Assembly	Arı Yuka S., Telli K., Yılmaz A.	PROTEINS: STRUCTURE, FUNCTION AND GENETICS	02 April 2026	SCI-Expanded

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The naa40 Deletion Is Associated with Extended Chronological Lifespan and Changes in Energy and Lipid Metabolism in Fission Yeast	Z. Çalici, Buse Özden & Ç. Tarhan	Microbiology (Springer Nature Link)	17 September 2025	SCI-Expanded
CRISPR-BOT an autonomous platform for streamlined genetic engineering and molecular biology applications	Fatmanur Erkek, Rana Kizilkaya, Seyma Baybara, Gamze Gulden, Berranur Sert, Muzeyyen Sena Yazıcılar, Menekse Cagla Yilmaz, Sibel Pinar Odabas, Enes Bal , Gamze Yelgen, Tarik Teymur, Yasin Ay, Solen Dogdu, Nilufer Neslihan Tiryaki, Buse Baran, Beste Gelsin, Hasret Araz, Ilayda Cavrar & Cihan Tastan	Nature: Scientific Reports	06 August 2025	SCI-Expanded
Exploring the frontier of non-coding RNAs: biogenesis, functional diversity, and disease associations of circRNAs and tinyRNAs	Hilal-Nur Calisir, Sila Akcay, Enes Bal , Pelin Ozfiliz-Kilbas , Buse Ozden , Burcu Ayhan-Sahin	Molecular Biology Reports	2 September 2025	SCI-Expanded
Evaluation of enzyme activity predictions for variants of unknown significance in Arylsulfatase A	Shantanu Jain, Marena Trinidad, Thanh Binh Nguyen, Kaiya Jones, Santiago Diaz Neto, Fang Ge, Ailin Glagovsky, Cameron Jones, Giankaleb Moran, Boqi Wang, Kobra Rahimi, Sümeyra Zeynep Çaltıcı, Luis R Cedillo, Silvia Berardelli, Buse Özden , Ken Chen, Panagiotis Katsonis, Amanda Williams, Olivier Lichtarge, Sadhna Rana, Swatantra Pradhan, Rajgopal Srinivasan, Rakshanda Sajeed, Dinesh Joshi, Eshel Faraggi, Robert Jernigan, Andrzej Kloczkowski, Jierui Xu, Zigang Song, Selen Özkan, Natalia Padilla, Xavier de la Cruz, Rocio Acuna-Hidalgo, Andrea Grafmüller, Laura T Jiménez Barrón, Matteo Manfredi, Castrense Savojardo, Giulia Babbì, Pier Luigi Martelli, Rita Casadio, Yuanfei Sun, Shaowen Zhu, Yang Shen, Fabrizio Pucci, Marianne Rooman, Gabriel Cia, Daniele Raimondi, Pauline Hermans, Sofia Kwee, Ella Chen, Courtney Astore, Akash Kamandula, Vikas Pejaver, Rashika Ramola, Michelle Velyunskiy, Daniel Zeiberg, Reet Mishra, Teague Sterling, Jennifer L Goldstein, Jose Lugo-Martinez, Sufyan Kazi, Sindy Li, Kinsey Long, Steven E Brenner, Constantina Bakolitsa, Predrag Radivojac, Dean Suhr, Teryn Suhr, Wyatt T Clark	Human Genetics	8 March 2025	Scopus
Two dimensional proteomic analyses revealed salinity and drought tolerance related protein alterations in two gamma-induced soybean mutants	Alp Ayan, Sinan MERİÇ, Tamer Gümüş, Özge Çelik, Çimen Atak	Journal of Applied Botany and Food Quality	21 May 2025	SCI-Expanded
Investigation of Salinity Tolerance Related Gene Expression in Rice (<i>Oryza sativa</i> L.)	Atilla Salman, Sinan MERİÇ, Tamer Gümüş, Çimen Atak, Alp Ayan	Celal Bayar University Journal of Science	26 March 2025	TR-Dizin
Gamma secretase inhibitors, DAPT and MK0752, exhibit synergistic anticancer effects with cisplatin and docetaxel in 2D and 3D models of breast cancer	Telli K. , Gubut J., D'arcy P., Yalçın Özüysal Ö.	TURKISH JOURNAL OF BIOLOGY	10 September, 2025	SCI-Expanded

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Lidocaine Inhibits Rat Prostate Cancer Cell Invasiveness and Voltage-Gated Sodium Channel Expression in Plasma Membrane	Nahit Rizaner, Scott P Fraser, Ilknur Bugan Gul, Esmâ Purut, Mustafa BA Djamgoz, Seyhan Altun	The Journal of Membrane Biology	2 Ocak 2024	SCI-Expanded
Advancements in 3D in vitro Cell Culture Systems: Enhancing Drug Pharmacokinetics and Toxicity Assessment in Pharmaceutical Development	Kübranur Bayraktaroğlu, Enes Bal, Özge Berrak Rencüzoğulları	International Journal of Life Sciences and Biotechnology	5 Ağustos 2024	TR-Dizin
Biochemical and Proteomic Analyses in Drought-Tolerant	Ayşe Şen, Tamer Gümüş, Aslıhan Temel, İrfan Öztürk	Abiotic Stress Responses in Plants	27 Eylül 2024	SCI
Physiological characterization and assessment of genetic variability, yield, and quality properties of gamma-induced salinity tolerant soybean (<i>Glycine max</i> (L.) Merrill) mutants	Çimen Atak, Özge Çelik, Tamer Gümüş, Sinan Meriç, Alp Ayan, Mehmet Erdoğan	Journal of Applied Botany and Food Quality	29 Ekim 2024	SCI

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Investigation of Tos17 LTR Retrotransposon Movements in Rice (<i>Oryza sativa</i> L.) Under Nickel and Boron Stress	S Meriç, A Ayan, B Gündüz, C Özprince, Ö Çelik, Ç Atak	Cereal Research Communications	17 July 2023	SCI-Expanded
Profile-based proteomic investigation of unintended effects on transgenic and gamma radiation induced mutant soybean plants	S Meriç, A Ayan, Ç Atak, Ş Arı	Genetic Resources and Crop Evolution, 1-19 https://doi.org/10.1007/s10722-023-01560-5	13 March 2023	SCI-Expanded
The Relationship Between Clinicopathological Parameters And Fatty Acid Metabolism-Related Ampk, Srebp And Mir-33a Rna Expressions In Clear Cell Renal Cell Carcinoma: Tcga Data Set Analysis.	Temiz Mustafa Zafer, Rencüzoğulları Özge	International Hasankeyf Scientific Research And Innovation Congress ISBN: '978-625-367-445-8'	19 Kasım 2023	Kongre kitabı ISBN: '978-625-367-445-8'
In situ synthesis and cell line studies of nano-hydroxyapatite/graphene oxide composite materials for bone support applications.	Ozder Melike Nur, Çiftci Fatih, Rencüzoğulları Özge, Arisan Elif Damla, Üstündağ Cem Bülent	Ceramics International Elsevier BV, Doi: 10.1016/j.ceramint.2023.01.075	1 Mayıs 2023	SCI
The protective impact of growth hormone against rotenone-induced apoptotic cell death via acting on Endoplasmic reticulum stress and autophagy axis	Rencüzoğulları Özge, Tormacı Selay, Çelik Yağmur, Ciroğlu Nayat Narot, Obakan Yerlikaya Pinar, Arisan Elif Damla, Çoker Gürkan Ajda	Turkish Journal of Biology: Vol. 47: No. 1, Article 4. https://doi.org/10.55730/1300-0152.2639 Available at: https://journals.tubitak.gov.tr/biolog/vol47/iss1/4/	23 Şubat 2023	SCIE