MAUN TEKNİK BİLİMLER MESLEK YÜKSEKOKULU AKADEMİK PRESONELİ 2023 YILI AKADEMİK ÇALIŞMA RAPORU		
S. No.	Ad Soyadı	Science Citation Index (SCI) - Science Citation Index Expanded (SCI-E), Uluslararası indeksler ve TR dizinde taranan dergilerde yapılan çalışmalar
1	Fatih ŞEVGİN	**SCI-SCI Expanded:** Tugal, I., & **Sevgin, F**. (2023). Analysis and forecasting of temperature using time series forecasting methods a case study of Mus. Thermal Science, 27(4 Part B), 3081-3088.
2	Yavuz GÜLER	**SCI-SCI Expanded:** **Güler, Y**., Kaya, I. Load Frequency Control of Single-Area Power System with PI–PD Controller Design for Performance Improvement. *J. Electr. Eng. Technol.* **18**, 2633–2648 (2023).
3	Fuat YETİŞSİN	**SCI-SCI Expanded:** **Yetişsin, F**., Korkmaz, A., & Kaya, E. (2023). In silico and in vitro biological evaluation of novel serial sulfonate derivatives on pancreatic lipase activity. Chemistry & Biodiversity, 20(11), e202301210. **Yetişsin, F**. (2023). Exogenous acetone O-(2-naphthylsulfonyl) oxime improves the adverse effects of excess copper by copper detoxification systems in maize. International Journal of Phytoremediation, 25(14), 2001-2013. **TR Dizin:** **Yetişsin, F**., & Korkmaz, A. (2023). Synthesis and characterization of naphthalene-sulfonate hybrid structures and their effects on abiotic stress indicators in maize. Anadolu Orman Araştırmaları Dergisi, 9(1), 89-95. **Uluslararası Alan Endeksi:** YAŞAR, M., & **YETİŞSİN, F**. (2023). Determination of Tolerances of Some Flax Varieties to Different Doses of Salt Concentrations in Early Development Period. *MAS Journal of Applied Sciences*, *8*(1), 144-157.
4	Halil SEYMEN	**SCI-SCI Expanded:** **H Seymen**, Ş Karataş (2023). Investigation of electrical, photodiode and photovoltaic properties of Au/SiO2/n-Si structures with GO and P3C4MT interface. Materials Chemistry and Physics (2023) 310, 128449 **Uluslararası Bildiri** **HALİL SEYMEN**, ŞÜKRÜ KARATAŞ (25.12.2023 -26.12.2023). Al/n-Sİ (MIS) SCHOTTKY Diyotlarinda Oksit Tabakasinin I-V Karekteristiklerine Etkileri. 3rd International Conference on Scientific and Academic Research, 2023.
5	Arif KARADAĞ	**SCI-SCI Expanded:** **Karadag, A**., Duru, E., Uysal, M., Akbulut, H. & Çoban A. (2023). The Efect of Current Density on Friction and Wear Properties of Ni–W/PTFE ElectroCodeposited Composite Coatings. *Transactions of the Indian Institute of Metals*, *Vol. 76, (2149-2159p)*

6	Osman ÜLKİR	**SCI-SCI Expanded:** Ergunes, B., Gunduz, H., & **Ulkir, O.** (2023). Novel Mechanical Design, Simulation, and CFD Analysis of a DNA-Shaped Quadcopter Fabricated through Additive Manufacturing. *Journal of Testing and Evaluation*, *51*(6). Ertugrul, I., **Ulkir, O.,** Ersoy, S., & Ragulskis, M. (2023). Additive manufactured strain sensor using stereolithography method with photopolymer material. *Polymers*, *15*(4), 991. **TR Dizin:** Bayraklılar M. S., Kuncan, M., Buldu, A., Koçak, M. T., & **Ülkir, O.** (2023). Comparison of Mechanical Properties of Samples Fabricated by Stereolithography and Fused Deposition Modelling. *Journal of Materials and Mechatronics: A*, *4*(2), 475-491.
8	Süleyman YILDIZ	**SCI-SCI Expanded:** **Yıldız, S.,** Gunduz, H., Yildirim, B., & Özdemir, M. T. (2023). An innovative LFC scheme for multi-area microgrid incorporating with hydrogen-based demand response mechanism. International Journal of Hydrogen Energy, 48(99), 39425-39441.
9	Bilal COŞKUN	**Uluslararası Konferans:** **B.Coşkun**, M.Gökbulut,"SMSM'nin LQR ve Tork Gözleyici Tabanlı Konum Kontrolü," in International Ankara Congress On Multidisciplinary Studies-Vı, 2023, pp. 434–445 **B.Coşkun**, M.Gökbulut, "SMSM'nin ANFIS Tork Gözleyici ile LQR Tabanlı Konum Kontrolü," in V. International Cappadocia Scientific Research Congress, 2023,pp.1368-1379
7	Anıl RIDVANOĞLU	**TR-Dizin:** AKAY, M. E., BİNGÖL, U. E., & **RIDVANOĞULLARI, A.** (2023). Demiryolu Makası İmalatında Ön Isıtma ve Presleme İşlemlerinin Rayın Mekanik ve Kimyasal Özelliklerine Etkisi. *Demiryolu Mühendisliği*, (18), 73-85.
8	Ramazan ATICI	**SCI-SCI Expanded:** Forecasting Future Monthly Patient Volume using Deep Learning and Statistical Models, ZEYDİN PALA, **RAMAZAN ATICI**, Erkan Yaldız , Yayın Yeri:Wireless Personal Communications , 2023, 130 (2), 1479-1502, https://dx.doi.org/10.1007/s11277-023-10341-3 Calculation of the Ionospheric Cross-Section with the Incoherent Scattering Radar and Its Comparison with the Predictions of the IRI Model, MEHMET YAŞAR, SELÇUK SAĞIR, Leonid Ya Emelyanov,Mykhaylo Lyashenko, **RAMAZAN ATICI** , Yayın Yeri:Wireless Personal Communications, 2023, 132 (1), 487-503, https://dx.doi.org/10.1007/s11277-023-10619-6.
9	Enver SALKIM	**SCI-SCI Expanded:**

		Modeling of Transcutaneous Recording for Bio-Impedance Analysis on the Upper-Arm; **ENVER SALKIM,**Yu Wu , Yayın Yeri:Institute of Electrical and Electronics Engineers (IEEE), 2023, 11, 107184 – 107193, https://dx.doi.org/10.1109/ACCESS.2023.3319742 Control of Quarter-Car Active Suspension System Based on Optimized Fuzzy Linear Quadratic Regulator Control Method TAYFUN ABUT, **ENVER SALKIM** , Yayın Yeri: MDPI AG, 2023 *13*(15), 8802; https://dx.doi.org/10.3390/app13158802 **TR Dizin:** Transcutaneous Nerve Stimulation Current Thresholds Based on Nerve Bending Angle and Nerve Termination Point **ENVER SALKIM** , Yayın Yeri: Kocaeli Journal of Science and Engineering , 2023, https://dx.doi.org/10.34088/kojose.1233583 OPTIMAL LOCATION OF ACTION POTENTIAL GENERATION BASED ON ACTIVATION FUNCTION USING COMPUTATIONAL MODELLING; **ENVER SALKIM** , Yayın Yeri:Konya Muhendislik Bilimleri Dergisi , 2023, https://dx.doi.org/10.36306/konjes.1240153.
10	Hasan GÜNDÜZ	**SCI-SCI Expanded:** An innovative LFC scheme for multi-area microgrid incorporating with hydrogen-based demand response mechanism SÜLEYMAN YILDIZ, **HASAN GÜNDÜZ**, BURAK YILDIRIM, MAHMUT TEMEL ÖZDEMİR , Yayın Yeri:INTERNATIONAL JOURNAL OF HYDROGEN ENERGY , 2023, https://dx.doi.org/10.1016/j.ijhydene.2023.03.278. Novel Mechanical Design, Simulation, and CFD Analysis of a DNA-Shaped Quadcopter Fabricated through Additive Manufacturing BURAK ERGÜNEŞ, OSMAN ÜLKİR, **HASAN GÜNDÜZ** , Yayın Yeri: JOURNAL OF TESTING AND EVALUATION, 2023 https://dx.doi.org/10.1520/JTE20220605.
11	Burak ERGÜNEŞ	**SCI-SCI Expanded:** Novel Mechanical Design, Simulation, and CFD Analysis of a DNA-Shaped Quadcopter Fabricated through Additive Manufacturing **BURAK ERGÜNEŞ**, OSMAN ÜLKİR, HASAN GÜNDÜZ , Yayın Yeri: JOURNAL OF TESTING AND EVALUATION, 2023 https://dx.doi.org/10.1520/JTE20220605
12	İshak ERTUĞRUL	**SCI-SCI Expanded:** **Ertugrul, I**., Ulkir, O**.,** Ersoy, S., & Ragulskis, M. (2023). Additive manufactured strain sensor using stereolithography method with photopolymer material. *Polymers*, *15*(4), 991. Uludag, M., Ulkir, O., **Ertugrul, I.**, & Kaplanoglu, E. (2023). Design, fabrication, and experiments of a soft pneumatic gripper with closed-loop position control. Journal of Testing and Evaluation, 51(5), 2909-2921.
13	Ayşe TAN	**SCI-SCI Expanded:**

		Tan, A., Köse, A., Mete, D., Şanlı-Mohamed, G., Kishalı, N. H., & Kara, Y. (2023). Investigation of cytotoxic properties of some isoindole-related compounds bearing silyl and azide groups with in vitro and in silico studies. *Phosphorus, Sulfur, and Silicon and the Related Elements*, *198*(11), 933-942. Gerni, S., Ozturk, C., Almaz, Z., Bayrak, C., & **Tan, A.** (2023). Celecoxib Derivatives Containing Pyrazole Linked Sulfonamide Moiety: Carbonic Anhydrase I–II and Acetylcholinesterase Inhibition Profiles, Molecular Docking Studies. *ChemistrySelect*, *8*(29), e202302088. **Tan, A.,** & Almaz, Z. (2023). A series of 1, 2, 3-triazole compounds: Synthesis, characterization, and investigation of the cholinesterase inhibitory properties via in vitro and in silico studies. *Journal of Molecular Structure*, *1277*, 134854.
14	Taha CEYLANİ	**SCI-SCI Expanded:** **Ceylani, T**., Teker, H. T., Keskin, S., Samgane, G., Acikgoz, E., & Gurbanov, R. (2023). The rejuvenating influence of young plasma on aged intestine. *Journal of cellular and molecular medicine*, 27(18), 2804–2816. **Ceylani, T**., Allahverdi, H., & Teker, H. T. (2023). Role of age-related plasma in the diversity of gut bacteria. *Archives of gerontology and geriatrics*, 111, 105003. **Ceylani, T**., Önlü, H., Keskin, S., Allahverdi, H., & Teker, H. T. (2023). SCD Probiotics mitigate cafeteria diet-induced liver damage in Wistar rats during development. *Journal of gastroenterology and hepatology*, 38(12), 2142–2151. Teker, H. T., & **Ceylani, T**. (2023). Intermittent fasting supports the balance of the gut microbiota composition. *International microbiology : the official journal of the Spanish Society for Microbiology*, 26(1), 51–57. Erdogan, K., **Ceylani, T**., Teker, H. T., Sengil, A. Z., & Uysal, F. (2023). Young plasma transfer recovers decreased sperm counts and restores epigenetics in aged testis. *Experimental gerontology*, 172, 112042. **Ceylani T.** (2023). Effect of SCD probiotics supplemented with tauroursodeoxycholic acid (TUDCA) application on the aged rat gut microbiota composition. *Journal of applied microbiology*, 134(5), lxad092. Teker, H. T., **Ceylani, T**., Keskin, S., Samgane, G., Mansuroglu, S., Baba, B., Allahverdi, H., Acıkgoz, E., & Gurbanov, R. (2023). Age-related differences in response to plasma exchange in male rat liver tissues: insights from histopathological and machine-learning assisted spectrochemical analyses. *Biogerontology*, 24(4), 563–580. Aba, N., Koçpınar, E. F., & **Ceylani, T**. (2023). The Hepatic

		Antioxidant System Damage Induced with the Cafeteria (CAF) Diet Is Largely Counteracted Using SCD Probiotics during Development of Male Wistar Rats. *Nutrients*, 15(21), 4557. **TR Dizin:** **T. CEYLANİ** and H. T. TEKER, "The Combined Use of SCD Probiotics and Tauroursodeoksikolik Asit (TUDCA) is More Effective in Controlling Anxiety-Like Behavior in Aged Rats", *Bitlis Eren Üniversitesi Fen Bilimleri Dergisi*, vol. 12, no. 1, pp. 242–246, 2023, TEKER, H. T., & **CEYLANİ, T**. (2023). Aortic Regeneration is Promoted by Intermittent Fasting in Aged Rats. *Sakarya University Journal of Science*, 27(3), 504-511.
15	Harun ÖNLÜ	**SCI-SCI Expanded:** Onur, M., **Önlü, H.** Isolation, characterization of *Weissella confusa* and *Lactococcus lactis* from different milk sources and determination of probiotic features. *Braz J Microbiol* 55, 663–679 (2024). Ceylani, T., **Önlü, H**., Keskin, S., Allahverdi, H., and Teker, H. T. (2023) SCD Probiotics mitigate cafeteria diet-induced liver damage in Wistar rats during development. *Journal of Gastroenterology and Hepatology*, 38: 2142–2151.