

MAUN TEKNİK BİLİMLER MESLEK YÜKSEKOKULU AKADEMİK PERSONELİ
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. <i>Thermal Science</i> , 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. <i>J. Electr. Eng. Technol.</i> 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. <i>Chemistry & Biodiversity</i> , 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. <i>International Journal of Phytoremediation</i> , 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. <i>Anadolu Orman Araştırmaları Dergisi</i> , 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. <i>MAS Journal of Applied Sciences</i> , 8(1), 144-157.
4	Halil SEYMEN	SCI-SCI Expanded: H Seymen, Ş Karataş (2023). Investigation of electrical, photodiode and photovoltaic properties of Au/SiO ₂ /n-Si structures with GO and P3C4MT interface. <i>Materials Chemistry and Physics</i> (2023) 310, 128449 Uluslararası Bildiri HALİL SEYMEN, ŞÜKRÜ KARATAŞ (25.12.2023 -26.12.2023). Al/n-Sİ (MIS) SCHOTTKY Diyotlarında Oksit Tabakasının I-V Karakteristiklerine 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 Effect of Current Density on Friction and Wear Properties of Ni-W/PTFE ElectroCodeposited Composite Coatings. <i>Transactions of the Indian Institute of Metals</i> , Vol. 76, (2149-2159p)

6	Osman ÜLKİR	<p>SCI-SCI Expanded:</p> <p>Ergunes, B., Gunduz, H., & Ulkir, O. (2023). Novel Mechanical Design, Simulation, and CFD Analysis of a DNA-Shaped Quadcopter Fabricated through Additive Manufacturing. <i>Journal of Testing and Evaluation</i>, 51(6).</p> <p>Ertugrul, I., Ulkir, O., Ersoy, S., & Ragulskis, M. (2023). Additive manufactured strain sensor using stereolithography method with photopolymer material. <i>Polymers</i>, 15(4), 991.</p> <p>TR Dizin:</p> <p>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. <i>Journal of Materials and Mechatronics: A</i>, 4(2), 475-491.</p>
8	Süleyman YILDIZ	<p>SCI-SCI Expanded:</p> <p>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. <i>International Journal of Hydrogen Energy</i>, 48(99), 39425-39441.</p>
9	Bilal COŞKUN	<p>Uluslararası Konferans:</p> <p>B.Coşkun, M.Gökbulut, “SMSM’nin LQR ve Tork Gözleyici Tabanlı Konum Kontrolü,” in International Ankara Congress On Multidisciplinary Studies-V1, 2023, pp. 434–445</p> <p>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</p>
7	Anıl RIDVANOĞLU	<p>TR-Dizin:</p> <p>AKAY, M. E., BİNGÖL, U. E., & RIDVANOĞULLARI, A. (2023). Demiryolu Makası İmalatında Ön Isıtma ve Presleme İşlemlerinin Rayın Mekanik ve Kimyasal Özelliklerine Etkisi. <i>Demiryolu Mühendisliği</i>, (18), 73-85.</p>
8	Ramazan ATICI	<p>SCI-SCI Expanded:</p> <p>Forecasting Future Monthly Patient Volume using Deep Learning and Statistical Models, ZEYDİN PALA, RAMAZAN ATICI, Erkan Yıldız , Yayın Yeri: Wireless Personal Communications , 2023, 130 (2), 1479-1502, https://dx.doi.org/10.1007/s11277-023-10341-3</p> <p>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.</p>
9	Enver SALKIM	<p>SCI-SCI Expanded:</p>

		<p>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</p> <p>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</p> <p>TR Dizin:</p> <p>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</p> <p>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.</p>
10	Hasan GÜNDÜZ	<p>SCI-SCI Expanded:</p> <p>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.</p> <p>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.</p>
11	Burak ERGÜNEŞ	<p>SCI-SCI Expanded:</p> <p>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</p>
12	İshak ERTUĞRUL	<p>SCI-SCI Expanded:</p> <p>Ertugrul, I., Ulkir, O., Ersoy, S., & Ragulskis, M. (2023). Additive manufactured strain sensor using stereolithography method with photopolymer material. <i>Polymers</i>, 15(4), 991.</p> <p>Uludag, M., Ulkir, O., Ertugrul, I., & Kaplanoglu, E. (2023). Design, fabrication, and experiments of a soft pneumatic gripper with closed-loop position control. <i>Journal of Testing and Evaluation</i>, 51(5), 2909-2921.</p>
13	Ayşe TAN	<p>SCI-SCI Expanded:</p>

		<p>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. <i>Phosphorus, Sulfur, and Silicon and the Related Elements</i>, 198(11), 933-942.</p> <p>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. <i>ChemistrySelect</i>, 8(29), e202302088.</p> <p>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. <i>Journal of Molecular Structure</i>, 1277, 134854.</p>
14	Taha CEYLANI	<p>SCI-SCI Expanded:</p> <p>Ceylani, T., Teker, H. T., Keskin, S., Samgane, G., Acikgoz, E., & Gurbanov, R. (2023). The rejuvenating influence of young plasma on aged intestine. <i>Journal of cellular and molecular medicine</i>, 27(18), 2804–2816.</p> <p>Ceylani, T., Allahverdi, H., & Teker, H. T. (2023). Role of age-related plasma in the diversity of gut bacteria. <i>Archives of gerontology and geriatrics</i>, 111, 105003.</p> <p>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. <i>Journal of gastroenterology and hepatology</i>, 38(12), 2142–2151.</p> <p>Teker, H. T., & Ceylani, T. (2023). Intermittent fasting supports the balance of the gut microbiota composition. <i>International microbiology : the official journal of the Spanish Society for Microbiology</i>, 26(1), 51–57.</p> <p>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. <i>Experimental gerontology</i>, 172, 112042.</p> <p>Ceylani T. (2023). Effect of SCD probiotics supplemented with tauroursodeoxycholic acid (TUDCA) application on the aged rat gut microbiota composition. <i>Journal of applied microbiology</i>, 134(5), lxad092.</p> <p>Teker, H. T., Ceylani, T., Keskin, S., Samgane, G., Mansuroglu, S., Baba, B., Allahverdi, H., Acikgoz, 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. <i>Biogerontology</i>, 24(4), 563–580.</p> <p>Aba, N., Koçpınar, E. F., & Ceylani, T. (2023). The Hepatic</p>

		<p>Antioxidant System Damage Induced with the Cafeteria (CAF) Diet Is Largely Counteracted Using SCD Probiotics during Development of Male Wistar Rats. <i>Nutrients</i>, 15(21), 4557.</p> <p>TR Dizin:</p> <p>T. CEYLANI 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”, <i>Bitlis Eren Üniversitesi Fen Bilimleri Dergisi</i>, vol. 12, no. 1, pp. 242–246, 2023,</p> <p>TEKER, H. T., & CEYLANI, T. (2023). Aortic Regeneration is Promoted by Intermittent Fasting in Aged Rats. <i>Sakarya University Journal of Science</i>, 27(3), 504-511.</p>
15	Harun ÖNLÜ	<p>SCI-SCI Expanded:</p> <p>Onur, M., Önlü, H. Isolation, characterization of <i>Weissella confusa</i> and <i>Lactococcus lactis</i> from different milk sources and determination of probiotic features. <i>Braz J Microbiol</i> 55, 663–679 (2024).</p> <p>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. <i>Journal of Gastroenterology and Hepatology</i>, 38: 2142–2151.</p>