Prof. HAYATİ MAMUR

Personal Information

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International Researcher IDs
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Publons / Web Of Science ResearcherID: A-1044-2019
ScopusID: 54882265900
Yoksis Researcher ID: 43283

Education

Undergraduate, Karabuk University, Turkey 2015 - 2016
Doctorate, Gazi University, Bilişim Enstitüsü, Turkey 2008 - 2013
Masters (Non-Thesis), Gazi University, Fen Bilimleri Enstitüsü, Turkey 2003 - 2005
Undergraduate, Gazi University, Teknik Eğitim Fakültesi, Turkey 1992 - 1996

Foreign Languages

English

Dissertations

Doctorate, Termoelektrik jeneratörün elektriksel, termoelektriksel ve ısıl parametrelerinin incelenmesi için bilgisayarlı bir veri edinim ve test sisteminin gerçekleştirilmesi, Gazi University, Bilişim Enstitüsü, 2013

Research Areas

Avesis Research Areas: Electrical and Electronics Engineering
WoS Research Areas: Engineering Electrical & Electronic
Scopus Research Areas: Electrical and Electronic Engineering

Academic Positions

Professor, Manisa Celal Bayar University, 2023 - Present
Associate Professor, Manisa Celal Bayar University, 2017 - 2023
2016 - 2018
Assistant Professor, Cankiri Karatekin University, 2013 - 2016
Lecturer, Cankiri Karatekin University, 2007 - 2013
Lecturer, Ankara University, Çankırı Meslek Yüksekokulu, 2001 - 2007

Academic and Administrative Experience

Manisa Celal Bayar University, 2019 - 2022
Manisa Celal Bayar University, 2018 - 2019
Cankiri Karatekin University, 2016 - 2016
Cankiri Karatekin University, 2007 - 2012
Ankara University, 2006 - 2007

Courses

Undergraduate
BİLGİSAYAR PROGRAMLAMA I, Undergraduate, 2024-2025, 2023-2024, 2022-2023, 2021-2022, 2020-2021, 2019-2020, 2018-2019
TASARIM PROJESİ II, Undergraduate, 2024-2025, 2023-2024, 2022-2023, 2021-2022, 2020-2021, 2019-2020, 2018-2019, 2017-2018
SOSYAL SORUMLULUK, Undergraduate, 2024-2025
EMBEDDED SYSTEMS, Undergraduate, 2024-2025, 2023-2024, 2022-2023, 2021-2022, 2020-2021
MİKROİŞLEMCİLER, Undergraduate, 2024-2025, 2023-2024, 2022-2023, 2021-2022, 2020-2021, 2019-2020, 2018-2019, 2017-2018
İŞLETMEDE MESLEKİ EĞİTİM, Undergraduate, 2024-2025, 2023-2024
TASARIM PROJESİ I, Undergraduate, 2023-2024, 2022-2023, 2021-2022, 2020-2021, 2019-2020, 2018-2019, 2017-2018
SOSYAL SORUMLULUK PROJESİ, Undergraduate, 2023-2024, 2022-2023
RENEWABLE ENERGY SOURCES, Undergraduate, 2021-2022, 2020-2021, 2019-2020, 2018-2019
MÜHENDİSLİK MATEMATİĞİ II, Undergraduate, 2019-2020, 2018-2019, 2017-2018
DEVRE TEORİSİ I, Undergraduate, 2019-2020, 2018-2019, 2017-2018
DEVRE TEORİSİ II, Undergraduate, 2019-2020, 2018-2019, 2017-2018
İLERİ MİKROİŞLEMCİLER, Undergraduate, 2019-2020, 2018-2019, 2017-2018
MÜHENDİSLİK MATEMATİĞİ I, Undergraduate, 2019-2020, 2018-2019, 2017-2018
AYDINLATMA TEKNİĞİ, Undergraduate, 2018-2019, 2017-2018
Yenilenebilir Enerji Kaynakları, Undergraduate, 2017-2018
Dijital Haberleşme, Undergraduate, 2016-2017
Tasarım Projesi I, Undergraduate, 2016-2017
Bilgisayar Programlama I, Undergraduate, 2016-2017
Tasarım Projesi II, Undergraduate, 2016-2017
Devre Teorisi II, Undergraduate, 2016-2017
Mikroişlemciler, Undergraduate, 2016-2017
Yenilenebilir Enerji Kaynakları, Undergraduate, 2016-2017

Undergraduate Minor
ALGILAYICILER VE DÖNÜŞTÜRÜCÜLER, Undergraduate Minor, 2024-2025
TERMOELEKTRİK UYGULAMALARI I, Undergraduate Minor, 2024-2025
TERMOELEKTRİK VE UYGULAMALARI, Undergraduate Minor, 2021-2022, 2020-2021
ALGILAYICILAR VE DÖNÜŞTÜRÜCÜLER, Undergraduate Minor, 2020-2021

Undergraduate Double Major
GÖMÜLÜ SİSTEM UYGULAMALARI II, Undergraduate Double Major, 2024-2025, 2023-2024, 2022-2023, 2021-2022, 2020-2021
GÖMÜLÜ SİSTEM UYGULAMALARI I, Undergraduate Double Major, 2024-2025, 2023-2024, 2022-2023, 2021-2022, 2020-2021
Mühendislik Matematiği II, Undergraduate Double Major, 2016-2017
Mühendislik Matematiği I, Undergraduate Double Major, 2016-2017

Supervised Theses

MAMUR H., Termoelektrik jeneratörler için bulanık kontrol yöntemi tabanlı maksimum güç noktası izleyici algoritması, Postgraduate, O.EMRE(Student), 2025
MAMUR H., İzmir Kemalpaşa İlçesinde Kurulu Olan Şebekeye Bağlı Fotovoltaik Sistemin Enerji Üretim Değerlerinin Simülasyon Ortamındaki Değerlerle Tutarlılığının Saptanarak Verimi Artırma Yöntemleri Geliştirilmesi ve Sistemin Makine Öğrenmesi Algoritmaları ile Optimizasyonu, Postgraduate, A.GÜVEN(Student), 2025
MAMUR H., Akıllı sıvı dağıtım ve kontrol sistemine sahip içecek buzdolabı tasarımı ve uygulaması, Postgraduate, Y.ALOĞLU(Student), 2024
MAMUR H., Döner Kanat İnsansız Hava Aracı Otonom Uçuş Kontrol Kartı Gömülü Yazılım Uygulaması, Postgraduate, B.YEŞİL(Student), 2024
MAMUR H., Termoelektrik jeneratörlerde maksimum güç noktası izleme yöntemlerine metasezgisel algoritmaların uyarlanması ve performans değerlendirmesi, Doctorate, M.ALİ(Student), 2023
MAMUR H., Galvanoteknik kaplama banyolarında verimliliğin arttırılması veanahtarlamalı güç kaynağı tasarımı, Postgraduate, S.TOKMAK(Student), 2023
MAMUR H., Avrupa Tren Kontrol Sisteminde Kullanılan Demiryolu Global Mobil İletişim Sistemi Teknolojisinin Türkiye Demiryollarında Uygulanabilirliğinin Araştırılması, Postgraduate, A.DOĞAN(Student), 2023
MAMUR H., Biyogaz tesislerinde çoklu regresyon yöntemi ile enerji verimliliğinin ve verimlilik arttırma yöntemlerinin değerlendirilmesi, Postgraduate, B.ALBOĞA(Student), 2023
MAMUR H., Nesnelerin interneti ile endüstriyel su depolarının ve kimyasal üretim yapan tesislerin yağmur suyu kalitesinin uzaktan izlenmesi, analizi ve kontrolü, Postgraduate, H.ŞENTÜRK(Student), 2023
MAMUR H., Termoelektrik jeneratörler için izolesiz DC-DC çeviricilerin yüke bağlı davranışlarının incelenmesi, Postgraduate, Ç.AKYILDIZ(Student), 2023
MAMUR H., Denetimli makine öğrenmesi ile asenkron motorlarda kestirimci bakım tahmini, Postgraduate, A.İZ(Student), 2023
MAMUR H., BLDC motorlarda rejeneratif frenleme, Postgraduate, A.KAĞAN(Student), 2020
MAMUR H., Termoelektrik jeneratörler için karıştır ve gözlemle maksimum güç noktası izleme metodu, Postgraduate, Y.ÇOBAN(Student), 2019

Articles

I. **Integrated SCAPS-1D modeling and ML approaches for performance enhancement of lead-free Ca_3AsI_3 PSCs**
Sarker M. S., Piya M. I., Hasan M. K., MAMUR H., Bhuiyan M. R. A.
Next Materials, vol.13, 2026 (ESCI, Scopus)

II. **$Cs_2AgBiBr_6$ lead-free perovskite solar cells: A numerical and ML approach to optimize HTLs for enhanced PV performance**
Hasan M. K., Kharmouch A., Shihon S. I., Bektaş E., MAMUR H., Bhuiyan M. R. A.
Next Energy, vol.13, 2026 (ESCI, Scopus)

III. **SCAPS-1D and machine learning-assisted optimization of lead-free Cs3Bi2I9-based perovskite solar cells**
Hasan M. K., Bhuiyan M. R. A., MAMUR H., Kharmouch A., Kabir K. F.
Physica B: Condensed Matter, vol.735, 2026 (SCI-Expanded, Scopus)

IV. **Simulation, optimization, and machine learning strategies for $CH_3NH_3PbBr_3$ perovskite solar cells**
Fahim S. R., Sarker M. S., Piya M. I., Bhuiyan J. A., MAMUR H., Bhuiyan M. R. A.
Next Energy, vol.10, 2026 (ESCI, Scopus)

V. **Thermal design of a thermoelectric refrigerator operating near room temperature using artificial neural network**
Ykrelef H., Chiba Y., Zirari M., Benyekhlef A., Boukaoud A., Sebbar D., Kherkhar A., MAMUR H.
International Journal of Air-Conditioning and Refrigeration, vol.33, no.1, 2025 (ESCI, Scopus)

VI. **Optimizing layer configuration and material selection to enhance CIGS solar cell performance through computational simulation**
Sikder S., Hasan M. K., MAMUR H., Bhuiyan M. R. A.
Hybrid Advances, vol.10, 2025 (Scopus)

VII. **Numerical Optimization of Multi-Stage Thermoelectric Cooling Systems Using Bi2Te3 for Enhanced Cryosurgical Applications**
Kharmouch A., Hasan M. K., Sabik E. Y., Bouali H., MAMUR H., Bhuiyan M. R. A.
Thermo, vol.5, no.3, 2025 (Scopus)

VIII. **Application of Monitoring and Controlling of Water Storage Tanks, Pumps, and pH Value in Industrial Areas Based on Industrial Internet of Things**
Mamur H., ŞENTÜRK H., BHUIYAN M. R. A.
Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, vol.12, no.1, pp.70-80, 2025 (TRDizin)

IX. **DESIGN AND DEVELOPMENT OF A PROGRAMMABLE LOGIC CONTROLLER BASED DATA ACQUISITION SYSTEM TO INCREASE EFFICIENCY IN GALVANOTECHNICAL PLATING BATHS**
TOKMAK S., BHUIYAN M. R. A., Mamur H.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.13, no.1, pp.120-132, 2025 (TRDizin)

X. **Selection of Load Resistance for Boost Converters with Maximum Power Point Tracking Algorithm in Thermoelectric Generators**
ÜSTÜNER M. A., MAMUR H., TAŞKIN S., NİL M., Bhuiyan M. R. A., Kherkhar A., Chiba Y.
Electric Power Components and Systems, vol.53, no.14, pp.1706-1727, 2025 (SCI-Expanded, Scopus)

XI. **Influence of Leg Geometry on the Performance of Bi2Te3 Thermoelectric Generators**
Hasan M. K., ÜSTÜNER M. A., Korucu H., Bhuiyan M. R. A., MAMUR H.
Gazi University Journal of Science, vol.37, no.4, pp.1752-1768, 2024 (ESCI, Scopus, TRDizin)

XII. **Evaluation of municipal solid waste characterization and landfill gas power plant electrical energy production efficiency during COVID-19 pandemic**
Alboğa B., NİL M., Ruhul Amin Bhuiyan M., MAMUR H.
Sustainable Energy Technologies and Assessments, vol.70, 2024 (SCI-Expanded, Scopus)

XIII. **Enhancing Bi2Te2.70Se0.30 Thermoelectric Module Performance through COMSOL Simulations**
Hasan M. K., ÜSTÜNER M. A., MAMUR H., Bhuiyan M. R. A.
Thermo, vol.4, no.2, pp.185-201, 2024 (Scopus)

XIV. **Influence of Different Layers on Enhancing the PV Performance of Al/ZnO/ZnMnO/CIGSSe/Cu2O/Ni Solar Cells**
Sawrab Sikder S., Hosen R., Uddin M. S., Haque M. M., MAMUR H., Bhuiyan M. R. A.
Applied Solar Energy (English translation of Geliotekhnika), vol.60, no.2, pp.201-214, 2024 (Scopus)

XV. **Optimizing the performance of Bi2Te3 TECs through numerical simulations using COMSOL multiphysics**
Hasan M. K., Haque M. M., ÜSTÜNER M. A., MAMUR H., Bhuiyan M. R. A.
Journal of Alloys and Metallurgical Systems, vol.5, 2024 (Scopus)

XVI. **Emerging Opportunities and Challenges of Nanoparticles in Nanomedicine**
Bhuiyan M. R. A., MAMUR H., ÜSTÜNER M. A., Korucu H.
Gazi University Journal of Science, vol.37, no.4, pp.1633-1652, 2024 (ESCI, Scopus, TRDizin)

XVII. **Photovoltaic performance enhancement of Al/ZnO:Al/i-ZnO/CdS /CIGS/Pt solar cell using SCAPS-1D software**
Uddin M. S., Hosen R., Sikder S., MAMUR H., Bhuiyan M. R. A.
Next Energy, vol.2, 2024 (Scopus)

XVIII. **Effect of various layers on improving the photovoltaic efficiency of Al/ZnO/CdS/CdTe/Cu2O/Ni solar cells**
Hosen R., Sikder S., Uddin M. S., Haque M. M., MAMUR H., Bhuiyan M. R. A.
Journal of Alloys and Metallurgical Systems, vol.4, 2023 (Scopus)

XIX. **Growth and characterization of Bi2Te2.70Se0.30 nanostructured materials by using a cost-effective chemical solution route**

Bhuiyan M. R. A., Korucu H., MAMUR H., Haque M. M.
Journal of Alloys and Metallurgical Systems, vol.4, 2023 (Scopus)

XX. **A new hybrid approach in selection of optimum establishment location of the biogas energy production plant**
Ceylan A. B., Aydın L., Nil M., Mamur H., Polatoğlu İ., Sözen H.
Biomass Conversion and Biorefinery, vol.13, no.7, pp.5771-5786, 2023 (SCI-Expanded, Scopus)

XXI. **Opportunities for thermoelectric generators in supporting a low carbon economy**
Bhuiyan M. R. A., MAMUR H., Dilmaç Ö. F., ÜSTÜNER M. A.
Nanomaterials and Energy, vol.11, no.1-2, pp.8-26, 2022 (Scopus)

XXII. **Current and Future Trend Opportunities of Thermoelectric Generator Applications in Waste Heat Recovery**
Bhuiyan M. R. A., MAMUR H., ÜSTÜNER M. A., Dilmac O. F.
Gazi University Journal of Science, vol.35, no.3, pp.896-915, 2022 (Scopus, TRDizin)

XXIII. **Thermal investigation of a thermoelectric cooler based on Arduino and PID control approach**
Kherkhar A., Chiba Y., Tlemçani A., MAMUR H.
Case Studies in Thermal Engineering, vol.36, 2022 (SCI-Expanded, Scopus)

XXIV. **Future perspective and current situation of maximum power point tracking methods in thermoelectric generators**
MAMUR H., ÜSTÜNER M. A., Bhuiyan M. R. A.
Sustainable Energy Technologies and Assessments, vol.50, 2022 (SCI-Expanded, Scopus)

XXV. **Modeling and validation of the thermoelectric generator with considering the change of the Seebeck effect and internal resistance**
ÜSTÜNER M. A., MAMUR H., TAŞKIN S.
Turkish Journal of Electrical Engineering and Computer Sciences, vol.30, no.7, pp.2688-2706, 2022 (SCI-Expanded, Scopus, TRDizin)

XXVI. **Thermoelectric generators act as renewable energy sources**
MAMUR H., Dilmaç Ö. F., Begum J., Bhuiyan M. R. A.
Cleaner Materials, vol.2, 2021 (Scopus)

XXVII. **Life performance prediction of natural gas combined cycle power plant with intelligent algorithms**
Karaçor M., UYSAL A., MAMUR H., Şen G., NİL M., BİLGİN M. Z., DOĞAN H., ŞAHİN C. A.
Sustainable Energy Technologies and Assessments, vol.47, 2021 (SCI-Expanded, Scopus)

XXVIII. **A brief review on renewable and sustainable energy resources in Bangladesh**
Bhuiyan M. R. A., MAMUR H., Begum J.
Cleaner Engineering and Technology, vol.4, 2021 (Scopus)

XXIX. **A brief review on the synthesis of zno nanoparticles for biomedical applications**
Bhuiyan M. R. A., MAMUR H.
Iranian Journal of Materials Science and Engineering, vol.18, no.3, 2021 (ESCI, Scopus)

XXX. **A review on performance evaluation of bi2te3-based and some other thermoelectric nanostructured materials**
Bhuiyan M. R. A., MAMUR H., Dilmaç Ö. F.
Current Nanoscience, vol.17, no.3, pp.423-446, 2021 (SCI-Expanded, Scopus)

XXXI. **Numerical analysis for performance enhancement of thermoelectric generator modules by using CNT–water and hybrid Ag/MgO–water nanofluids**
SELİMEFENDİGİL F., Okulu D., MAMUR H.
Journal of Thermal Analysis and Calorimetry, vol.143, no.2, pp.1611-1621, 2021 (SCI-Expanded, Scopus)

XXXII. **Design and fabrication of an outer rotor permanent magnet synchronous generator with fractional winding for micro-wind turbines**
Mamur H., Şahin C. A., Karaçor M., Bhuiyan M. R. A.
IET Electric Power Applications, vol.14, no.12, pp.2273-2282, 2020 (SCI-Expanded, Scopus)

XXXIII. **Characterization of bi2te3 nanostructure by using a cost effective chemical solution route**
MAMUR H., Bhuiyan M. R. A.

Iranian Journal of Chemistry and Chemical Engineering, vol.39, no.3, pp.23-33, 2020 (SCI-Expanded, Scopus)

XXXIV. **Synthesis and characterisation of CdSe QDs by using a chemical solution route**
Akter M., Islam Khan M. N., MAMUR H., Amin Bhuiyan M. R.
Micro and Nano Letters, vol.15, no.5, pp.287-290, 2020 (SCI-Expanded, Scopus)

XXXV. **Detailed modeling of a thermoelectric generator for maximum power point tracking**
MAMUR H., Çoban Y.
Turkish Journal of Electrical Engineering and Computer Sciences, vol.28, no.1, pp.124-139, 2020 (SCI-Expanded, Scopus, TRDizin)

XXXVI. **The effect of ambient temperature on electric power generation in natural gas combined cycle power plant—A case study**
Şen G., NİL M., MAMUR H., DOĞAN H., KARAMOLLA M., Karaçor M., KUYUCUOĞLU F., YÖRÜKEREN N., Bhuiyan M. R. A.
Energy Reports, vol.4, pp.682-690, 2018 (SCI-Expanded, Scopus)

XXXVII. **A review on bismuth telluride (Bi2Te3) nanostructure for thermoelectric applications**
MAMUR H., Bhuiyan M., Korkmaz F., NİL M.
Renewable and Sustainable Energy Reviews, vol.82, pp.4159-4169, 2018 (SCI-Expanded, Scopus)

XXXVIII. **Cost-effective chemical solution synthesis of bismuth telluride nanostructure for thermoelectric applications**
MAMUR H., Dilmac O. F., Korucu H., Bhuiyan M. R. A.
Micro and Nano Letters, vol.13, no.8, pp.1117-1120, 2018 (SCI-Expanded, Scopus)

XXXIX. **A new fuzzy logic proportional controller approach applied to individual pitch angle for wind turbine load mitigation**
Civelek Z., Lüy M., Çam E., MAMUR H.
Renewable Energy, vol.111, pp.708-717, 2017 (SCI-Expanded, Scopus)

XL. **Use of the genetic algorithm-based fuzzy logic controller for load-frequency control in a two area interconnected power system**
Cam E., GÖREL G., MAMUR H.
Applied Sciences (Switzerland), vol.7, no.3, 2017 (SCI-Expanded, Scopus)

Books

I. **Gömülü Sistemler İçin C**
Mamur H., Aydın Ö.
Nobel Akademik Yayıncılık, Ankara, 2024

II. **STM32CUBEIDE ile STM32F407 Programlama**
MAMUR H.
Nobel Akademik Yayıncılık, Ankara, 2023

III. **Zinc Oxide Nanopaterials for Biomedical Applications**
BHUIYAN M. R. A., MAMUR H., DİLMAÇ Ö. F.
in: Advances in Organic Synthesis, Shazia Anjum, Editor, Bentham Science Publishers, Singapore, pp.190-235, 2023

IV. **Thermoelectric Bismuth Telluride Nanostructure**
BHUIYAN M. R. A., MAMUR H., DİLMAÇ Ö. F.
LAP LAMBERT Academic Publishing, Mauritius, 2017

V. **Ternary Semiconductor AGS Thin Films**
BHUİYAN M. B., HASAN S. M. F., MAMUR H.
LAP Lambert Academic Publishing, Saarbrücken, 2016

Papers Presented at Peer-Reviewed Scientific Conferences

I. **Modeling of thermoelectric generator and photovoltaic panel hybrid system**
ÜSTÜNER M. A., GÖLEN O. E., ŞAHİNOĞLU A., MAMUR H.
International Conferences on Science and Technology Engineering Science and Technology, Durres, Albania, 4 - 06 October 2024, pp.109-113, (Full Text)

II. **ORANSAL SELENOİD VALFİN ÇİFT OLARAK DENGELİ KONTROLÜ VE ÇIKIŞ SİNYALİ ANALİZİ**
Özkara E., BAŞTÜRK İ., MAMUR H.
KARADENIZ 15th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Rize, Turkey, 8 - 10 March 2024, (Full Text)

III. **STM32 ve ESP32 ile MQTT kullanılarak Flutter tabanlı IoT sistemi tasarımı ve uygulaması**
ALOĞLU Y., GÖNEN O., MAMUR H.
Karadeniz 15th International conference on Applied Sciences, Rize, Turkey, 8 - 10 March 2024, pp.69-74, (Full Text)

IV. **Manisa Celal Bayar Üniversitesi Şehit Profesör Doktor İlhan Varank Yerleşkesi rüzgâr potansiyelinin belirlenmesi**
MAMUR H., MUSLU F. B.
Akdeniz 11th International Conference on Applied Sciences, Mersin, Turkey, 23 - 25 February 2024, pp.162-166, (Full Text)

V. **Nesnelerin interneti tabanlı akıllı uç su kontrol sisteminin tasarlanması ve uygulaması**
MAMUR H., ÖZDOĞAN A., ÜNLÜER İ.
Akdeniz 11th International Conference on Applied Sciences, Mersin, Turkey, 23 - 25 February 2024, pp.167-173, (Full Text)

VI. **Termoelektrik jeneratörlerde maksimum güç noktasının takibi için bluetooth haberleşmesi ile android uygulaması üzerinden izlenilmesi**
GÖLEN O. E., ÜSTÜNER M. A., MAMUR H.
Anadolu 14th International Conference on Applied Sciences, Gaziantep, Turkey, 16 - 18 February 2024, pp.312-317, (Full Text)

VII. **FPGA based digital IC design and implementation corresponding on RISC–V RV32I arithmetic and logical operators**
ABAKAY S., MAMUR H.
Anadolu 14th International Conference on Applied Sciences, Gaziantep, Turkey, 16 - 18 February 2024, pp.318-323, (Full Text)

VIII. **Akıllı evcil hayvan besleme makinesi tasarımı ve uygulaması**
YEŞİL B., BÖYÜK B. K., MAMUR H.
BİLSEL International Sur Scientific Researches Congress, Diyarbakır, Turkey, 10 - 11 February 2024, pp.241-248, (Full Text)

IX. **IMU verilerinin anlamlandırılması ve Madwick filtresi kullanılarak konum takibi**
YEŞİL B., MAMUR H.
1. BİLSEL International Sur Scientific Researches Congress, Diyarbakır, Turkey, 10 - 11 February 2024, pp.229-240, (Full Text)

X. **Müzik eğitimini destekleyici IOT tabanlı müzik aleti tasarımı ve uygulaması**
GÖK Ö. Ş., MAMUR H.
Africa 3rd International Conference on New Horizons in Sciences, Casablanca, Morocco, 19 - 21 January 2024, pp.259-262, (Full Text)

XI. **İnsansız su altı aracının hareket yön kontrolünün oransal-integral-türev kontrolü tasarımı ve uygulaması**
AKYÜZ M., ÇELİK M., MAMUR H.
Africa 3rd International Conference on New Horizons in Sciences, Casablanca, Morocco, 19 - 21 January 2024, pp.253-258, (Full Text)

XII. **Maximum Power Point Transfer of Off-Grid Stored Energy and Battery Management System Design and Implementation**
GÖLEN O. E., ÜSTÜNER M. A., BHUIYAN M. R. A., MAMUR H.

6th International Conferences on Science and Technology Engineering Science and Technology, Budva, Montenegro, 30 August - 01 September 2023, pp.258-262, (Full Text)

XIII. **Nemli ve kış mevsimlerinde kullanılabilecek taşınabilir hızlı çamaşır kurutma askı aparatı**
ODACI E., MAMUR H.
Akdeniz 9. Uluslararası Uygulamalı Bilimler Kongresi, Adana, Turkey, 1 - 02 April 2023, pp.38-42, (Full Text)

XIV. **Nesnelerin interneti ile Raspberry PI tabanlı su kuyularındaki su pompası motorlarının izlenmesi ve kontrolü**
ŞENTÜRK H., MAMUR H.
Akdeniz 9. Uluslararası Uygulamalı Bilimler Kongresi, Adana, Turkey, 1 - 02 April 2023, pp.31-37, (Full Text)

XV. **Termoelektrik jeneratörlerde maksimum güç noktası izlemek için güç ölçüm izleme sistemi tasarımı ve uygulaması**
GÖLEN O. E., ÜSTÜNER M. A., MAMUR H.
Avrasya 7th International Conference on Applıed Sciences, Budapest, Hungary, 10 - 12 March 2023, pp.165-171, (Full Text)

XVI. **Evaluation of the electrical energy efficiency produced by the Harmandalı Landfill facility during the COVID 19 pandemic period**
ALBOĞA B., MAMUR H.
Avrasya 7th International Conference on Applıed Sciences, Budapest, Hungary, 10 - 12 March 2023, pp.160-164, (Full Text)

XVII. **Gözlemleme amaçlı tasarlanan sabit kanatlı insansız hava aracı uygulaması**
GÖLEN O. E., MAMUR H.
Karadeniz 12th International Conference on Applied Sciences, Rize, Turkey, 3 - 05 March 2023, pp.274-279, (Full Text)

XVIII. **Atık ısının geri çevriminde termoelektrik jeneratörlerin kullanılması için eğitim seti uygulaması**
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Non Academic Experience

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