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International Researcher IDs

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Publons / Web Of Science ResearcherID: V-2823-2018

ScopusID: 57429216900

Yoksis Researcher ID: 124687

Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği ABD, Turkey 2014 - 2018

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği ABD, Turkey 2008 - 2011

Undergraduate, Mersin University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, Turkey 2000 - 2004

Dissertations

Doctorate, Fotoakustik Sinyal Algılanması İçin Fabry-Perot Sensör Geliştirilmesi, Erciyes University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği ABD, 2018

Postgraduate, Kırılma İndisi Değişimi Esaslı Bir Taşınabilir Optik Algılayıcı Tasarımı, Erciyes University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği ABD, 2011

Research Areas

Signal Processing for Sensor Sequences, Sensing Devices and Transducers, Optics and Photonics, Optical Materials and Devices, Optoelectronic Materials and Devices

Academic Titles / Tasks

Associate Professor, Bursa Uludağ University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2022 - Continues

Assistant Professor, Bursa Uludağ University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2022 - 2022

Assistant Professor, Kirşehir Ahi Evran University, Faculty Of Engineering-Architecture, 2019 - 2022

Lecturer PhD, Kirşehir Ahi Evran University, Vocational School, 2018 - 2019

Lecturer, Kirşehir Ahi Evran University, Vocational School, 2008 - 2018

Visiting Lecturer, Mersin University, Tarsus Faculty Of Technical Education, Department Of Electronics And Computer Education, 2006 - 2008

Academic and Administrative Experience

Assistant Manager of Research and Application Center, Kirşehir Ahi Evran University, 2019 - 2022

Head of Department, Kirşehir Ahi Evran University, Vocational School, 2012 - 2019

Courses

Elektromanyetik Dalga Teorisi, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Malzemelerin Elektriksel ve Manyetik Özellikleri, Postgraduate, 2021 - 2022, 2020 - 2021

Fotoniğin Temelleri, Undergraduate, 2021 - 2022

Elektromanyetik Alan Teorisi, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Fiber Optik, Undergraduate, 2021 - 2022

Lineer Cebir, Undergraduate, 2020 - 2021

Spektroskopi, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Araştırma Teknikleri ve Bilimsel İletişim, Postgraduate, 2021 - 2022, 2019 - 2020

Diferansiyel Denklemler ve Uygulamaları, Postgraduate, 2020 - 2021

Bilim Etiği ve Bilim Tarihi, Postgraduate, 2019 - 2020

İleri Optimizasyon Uygulamaları, Postgraduate, 2019 - 2020

İleri Dijital Sinyal İşleme, Postgraduate, 2019 - 2020

Advising Theses

Hayber Ş. E., YÜZ İFADELERİNİN DERİN ÖĞRENME METODU İLE SINIFLANDIRILMASI, Postgraduate, S.HARAJ(Student), 2023

Hayber Ş. E., BİLGİSAYAR SALDIRILARI İÇİN TAHMİN, TESPİT VE KARŞI KOYMA YÖNTEMLERİ, Postgraduate, R.HUSSEIN(Student), 2022

Hayber Ş. E., ÜÇ EKSENLİ YER DEĞİŞTİRME ÖLÇÜMÜ İÇİN FİBER OPTİK ALGILAYICI GELİŞTİRİLMESİ, Postgraduate, Y.GÖRKEM(Student), 2022

Hayber Ş. E., Küçük ölçekli uygulamalar için Maksimum Güç Noktası İzleme(MPPT) algoritması ile Güneş-Rüzgar hibrit sistem modelinin simülasyonu, Postgraduate, K.SABRI(Student), 2022

Hayber Ş. E., YÜKSEK GERİLİM İLETKENLERİNDEKİ İKAZ KÜRELERİNİN GÖRÜNÜRLÜĞÜNÜN ARTIRILMASI, Postgraduate, M.FURKAN(Student), 2022

Hayber Ş. E., Fiber Optik Sensör Teknolojisi İle Endüstride Vibrasyon Ölçümü, Postgraduate, E.GEVŞEK(Student), 2021

Jury Memberships

Post Graduate, Post Graduate, Kirşehir Ahi Evran Üniversitesi, November, 2022

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, June, 2022

Doctorate, Doctorate, Aksaray Üniversitesi, February, 2022

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, February, 2022

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, January, 2022

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2021

Post Graduate, Post Graduate, Kirşehir Ahi Evran Üniversitesi, July, 2021

Post Graduate, Post Graduate, Kirşehir Ahi Evran Üniversitesi, December, 2020

Academic Staff Examination, Academic Staff Examination, Kirşehir Ahi Evran Üniversitesi, December, 2020

Doctorate, Doctorate, Erciyes Üniversitesi, December, 2020

Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, November, 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **ANN-based estimation of MEMS diaphragm response: An application for three leaf clover diaphragm based Fabry-Perot interferometer**
Yiğit E., Hayber Ş. E., Aydemir U.
Measurement: Journal of the International Measurement Confederation, vol.199, 2022 (SCI-Expanded)
- II. **Wind speed measurement with a low-cost polymer optical fiber anemometer based on Fresnel reflection**
Gucyetmez M., Keser S., Hayber Ş. E.
SENSORS AND ACTUATORS A-PHYSICAL, vol.339, 2022 (SCI-Expanded)
- III. **Analytical analysis and experimental validation of optical power estimation in V-grooved polymer optical fibers**
Hayber Ş. E.
OPTIK, vol.254, 2022 (SCI-Expanded)
- IV. **Fiber optic tactile sensor for surface roughness recognition by machine learning algorithms**
Keser S., Hayber Ş. E.
SENSORS AND ACTUATORS A-PHYSICAL, vol.332, 2021 (SCI-Expanded)
- V. **Evanescent Field Absorption-Based Fiber Optic Sensor for Detecting Power Transformer Oil Degradation**
Hayber Ş. E., Tabaru T. E., Gucyetmez M.
FIBER AND INTEGRATED OPTICS, vol.40, no.4-6, pp.229-248, 2021 (SCI-Expanded)
- VI. **Analyzing the effect of dynamic properties of materials and operating medium on sensor parameters to increase the performance of diaphragm-based static/dynamic pressure sensors**
Tabaru T. E., Hayber Ş. E.
JOURNAL OF COMPUTATIONAL ELECTRONICS, vol.20, no.1, pp.643-657, 2021 (SCI-Expanded)
- VII. **Design and simulation of a novel fungus-shaped center embossed diaphragm for fiber optic pressure sensors**
Hayber Ş. E., Aydemir U.
OPTICAL FIBER TECHNOLOGY, vol.61, 2021 (SCI-Expanded)
- VIII. **3D sound source localization with fiber optic sensor array based on genetic algorithm**
Hayber Ş. E., Keser S.
OPTICAL FIBER TECHNOLOGY, vol.57, 2020 (SCI-Expanded)
- IX. **The Experimental Validation of Designed Fiber Optic Pressure Sensors With EPDM Diaphragm**
Hayber Ş. E., Aydemir U., Tabaru T. E., Saraçoğlu Ö. G.
IEEE SENSORS JOURNAL, vol.19, no.14, pp.5680-5685, 2019 (SCI-Expanded)
- X. **Use of 2D In₂Se₃ Single Crystal as a Diaphragm Material for Fabry-Perot Fiber Optic Acoustic Sensors**
Hayber Ş. E., Tabaru T. E., Aydemir U., Saraçoğlu Ö. G.
JOURNAL OF NANOELECTRONICS AND OPTOELECTRONICS, vol.14, no.4, pp.464-469, 2019 (SCI-Expanded)
- XI. **Spectral analysis for photoacoustic pressure sensor designs: Theoretical model improvement and experimental validation**
Tabaru T. E., Hayber Ş. E., Keser S., SARAÇOĞLU Ö. G.
SENSORS AND ACTUATORS A-PHYSICAL, vol.287, pp.76-83, 2019 (SCI-Expanded)
- XII. **A novel approach based on simulation of tunable MEMS diaphragm for extrinsic Fabry-Perot sensors**
Hayber Ş. E., Tabaru T. E., SARAÇOĞLU Ö. G.
OPTICS COMMUNICATIONS, vol.430, pp.14-23, 2019 (SCI-Expanded)
- XIII. **A Simple, High Sensitive Fiber Optic Microphone Based on Cellulose Triacetate Diaphragm**
Hayber Ş. E., Tabaru T. E., Keser S., SARAÇOĞLU Ö. G.
JOURNAL OF LIGHTWAVE TECHNOLOGY, vol.36, no.23, pp.5650-5655, 2018 (SCI-Expanded)
- XIV. **Frequency Domain Analysis of Laser and Acoustic Pressure Parameters in Photoacoustic Wave**

Equation for Acoustic Pressure Sensor Designs

Tabaru T. E., Hayber Ş. E., SARAÇOĞLU Ö. G.

CURRENT OPTICS AND PHOTONICS, vol.2, no.3, pp.250-260, 2018 (SCI-Expanded)

XV. Bent Fiber Sensor for Preservative Detection in Milk

SARAÇOĞLU Ö. G., Hayber Ş. E.

SENSORS, vol.16, no.12, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **A New Warning Sphere Design with Side Emitting Optical Fiber Technology on Transmission Lines**
GÜÇYETMEZ M., HAYBER Ş. E.
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, vol.14, no.2, pp.735-742, 2022 (Peer-Reviewed Journal)
- II. **Fiber Optic Sensor Design and Prototyping for Humidity Detection in Biogas Reactors**
Sahin M., Hayber Ş. E.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.24, no.4, pp.1623-1627, 2021 (ESCI)
- III. **Design Equation for Operating Frequency of Patch Antenna with a Rectangular Tuning Stub at Early Phase 5G Bands**
HAKANOĞLU B. G., HAYBER Ş. E., TÜRKMEN M.
Academic Platform Journal of Engineering and Science, vol.9, no.3, pp.403-410, 2021 (Peer-Reviewed Journal)
- IV. **Milimetre Altı Ölçümler İçin Fiber Optik Yer Değiştirme Sensörü**
HAYBER Ş. E., TABARU T. E.
Avrupa Bilim ve Teknoloji Dergisi, no.24, pp.1-4, 2021 (Peer-Reviewed Journal)
- V. **U-Shaped POF Sensor for Ethanol/Methanol Determination**
TABARU T. E., HAYBER Ş. E.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.37, no.1, pp.149-156, 2021 (Peer-Reviewed Journal)
- VI. **Experimental analysis of the correlation between ultrasonic velocity and metallographic and cutting performance parameters of boron carbide-doped diamond sockets**
Ekincioglu G., Tabaru T. E., Hayber Ş. E., ALTINDAĞ R.
MATERIAUX & TECHNIQUES, vol.108, no.4, 2020 (ESCI)
- VII. **Comparative Analysis of the Effects of the Substrate Material and Deltoid Shaped Slots on Patch Antennas for 5G Networks at 37 GHz and 39 GHz**
HAKANOĞLU B. G., YALDUZ H., KOÇ İ. B., HAYBER Ş. E., TÜRKMEN M.
Avrupa Bilim ve Teknoloji Dergisi, pp.405-411, 2020 (Peer-Reviewed Journal)
- VIII. **Yüksek Güç Transformatörlerindeki Kısmi Deşarj Tespitinde Diyafram Tabanlı Fabry-Perot İnterferometrik Basınç Sensörlerinin Performans İyileştirilmesi için Diyafram Analizi**
TABARU T. E., HAYBER Ş. E.
Avrupa Bilim ve Teknoloji Dergisi, pp.231-238, 2020 (Peer-Reviewed Journal)
- IX. **Fiber Optik Fabry-Perot Akustik Sensörler için Yeni Bir Diyafram Malzemesi Olarak 2D GaSe Benzetimi**
HAYBER Ş. E., TABARU T. E., AYDEMİR U., SARAÇOĞLU Ö. G.
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.6, no.2, pp.369-381, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

I. Rezonans

HAYBER Ş. E.

in: Alternatif Akım Devre Analizi, , Editor, Alter Yayıncılık. Rek. Org. Ltd. Şti., Kırşehir, pp.155-198, 2011

Refereed Congress / Symposium Publications in Proceedings

- I. **Classification of Facial Expressions Using CNN Algorithm**
Meshal S. H., HAYBER Ş. E.
Euro Asia 10th. International Congress on Applied Sciences, Ankara, Turkey, 07 August 2022, pp.295-304
- II. **Akıllı Sensörlerin Gelişimi ve Akıllı Şebekeler İçin Fiber Optik Titreşim Sensörlerinin İncelenmesi**
GÜÇYETMEZ M., HAYBER Ş. E.
3rd International Conference on Applied Engineering and Natural Sciences ICAENS 2022, Konya, Turkey, 20 July 2022, pp.1921
- III. **Machine Learning-Based Estimation of Static and Dynamic Pressure Responses of Specially Designed Diaphragm Based Fabry-Perot Interferometer**
YİĞİT E., HAYBER Ş. E., AYDEMİR U., ÖZKAYA U.
1st International Conference on Engineering and Applied Natural Sciences, Konya, Turkey, 10 May 2022
- IV. **Support Vector Regression Method for Deflection and Frequency Analysis of Center Embossed Diaphragms**
Durmaz A., AYDEMİR U., HAYBER Ş. E., YİĞİT E.
1st International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 10 May 2022
- V. **Fiber Optic Surface Recognition Sensor**
GÖRKEM Y., HAYBER Ş. E.
13th International Scientific Research Congress Science and Engineering, Ankara, Turkey, 11 - 12 March 2022, pp.23-24
- VI. **Fiber Optic Three-Dimensional Displacement Sensor**
GÖRKEM Y., HAYBER Ş. E.
4. International Sciences and Innovation Congress, Ankara, Turkey, 19 - 20 February 2022, pp.71-72
- VII. **Sistemin doğru performansını otomatik olarak sürdürmek için teknolojinin temeli olarak bilgisayar saldırılarını tespit etme ve tahmin etme yöntemleri ve bilgisayar saldırılarına karşı koyma yöntemleri**
ALHASOONI R. H. H., HAYBER Ş. E.
UBAK 2021 - 12th International Scientific Research Congress-Science and Engineering, Ankara, Turkey, 17 - 18 December 2021, vol.1, pp.22
- VIII. **Developing the acceptance radius in interferometric sensors and determining sensor losses**
HAYBER Ş. E.
Çukurova 6th International Scientific Researches Conference, Adana, Turkey, 5 - 06 March 2021, pp.343-344
- IX. **Detection of transformer oil degradation with ultraviolet-visible spectrometric method**
TABARU T. E., HAYBER Ş. E.
International Symposium of Scientific Research and Innovative Studies (ISSRIS'21), Balıkesir, Turkey, 22 - 25 March 2021, pp.31-33
- X. **The effects of dynamic properties of diaphragm materials and medium on pressure sensors and determine the diaphragm material**
HAYBER Ş. E., TABARU T. E.
Çukurova 6th International Scientific Researches Conference, Adana, Turkey, 5 - 06 March 2021, pp.341-342
- XI. **Milimetre Altı Ölçümler İçin Fiber Optik Yer Değiştirme Sensörü**
HAYBER Ş. E., TABARU T. E.
2nd International Conference On Access To Recent Advances In Engineering And Digitalization, Kayseri, Turkey, 10 - 12 March 2021
- XII. **Fiber optic humidity sensor for condensation detection in a new generation biogas reactor.**
ŞAHİN M., HAYBER Ş. E.
8th International Conference on Renewable Fuels, Combustion and Fires, Ankara, Turkey, 5 - 07 March 2021, pp.131-135
- XIII. **Determination of type and alcohol concentration in water with bended polymer optic fiber sensor**
HAYBER Ş. E., TABARU T. E.

11th International Congress on Mathematic, Engineering and Natural Sciences, Kara, Togo, 30 - 31 January 2021, pp.7-8

- XIV. **Transformatör Yağı Refraktif Endeksi ile Kırılma Gerilimi Arasındaki İlişkinin Araştırılması**
TABARU T. E., HAYBER Ş. E.
5th International Mardin Artuklu Scientific Researches Conference, Mardin, Turkey, 15 - 16 January 2021, pp.52-53
- XV. **Analysis of Diamond Sockets With Ultrasonic Method**
TABARU T. E., HAYBER Ş. E.
III. International İstanbul Scientific Research Congress, İstanbul, Turkey, 8 - 10 January 2021, pp.46
- XVI. **Yüksek Güç Transformatörlerindeki Kısmi Deşarj Tespitinde Diyafram Tabanlı Fabry-Perot İnterferometrik Basınç Sensörlerinin Performans İyileştirilmesi için Diyafram Analizi**
TABARU T. E., HAYBER Ş. E.
International Conference on Access to Recent Advances in Engineering and Digitalization ARACONF 2020, Kayseri, Turkey, 5 - 07 March 2020, pp.82-83
- XVII. **Comparative Analysis of the Effects of the Substrate Material and Deltoid Shaped Slots on Patch Antennas for 5G Networks at 37 GHz and 39 GHz**
HAKANOĞLU B. G., KOÇ İ. B., HAYBER Ş. E., YALDUZ H., TÜRKMEN M.
International Conference on Access to Recent Advances in Engineering and Digitalization ARACONF 2020, Kayseri, Turkey, 5 - 07 March 2020, pp.140-141
- XVIII. **Defected Grounded Rectangular Patch Antenna with Rhombic-Shaped Slots for Early Phase 5G Applications**
Hakanoglu B. G., Sen O., Koc B., Hayber Ş. E., TÜRKMEN M.
33rd General Assembly and Scientific Symposium of the International-Union-of-Radio-Science, Rome, Italy, 29 August - 05 September 2020
- XIX. **Optimization of Feed Line Parameters of a Square Microstrip Patch Antenna at 39 GHz for 5G Designs**
HAKANOĞLU B. G., HAYBER Ş. E., TÜRKMEN M.
2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT 2018), Ankara, Turkey, 19 - 21 October 2018, pp.11
- XX. **Frequency Domain Analysis of Photoacoustic Wave Equation for Acoustic Pressure Sensor Designs**
HAYBER Ş. E., TABARU T. E., SARAÇOĞLU Ö. G.
II. International Scientific and Vocational Studies Congress, Nevşehir, Turkey, 5 - 08 July 2018, pp.721-722
- XXI. **A New Geometry Design for Tuning Resonance Frequency in Diaphragm Based Fiber Optic Sensors**
HAYBER Ş. E., TABARU T. E., SARAÇOĞLU Ö. G.
II. International Scientific and Vocational Studies Congress, Nevşehir, Turkey, 5 - 08 July 2018, pp.719-720
- XXII. **A New Geometry Design to Adjust Sensor Sensitivity for Diaphragm-Based Optical Sensors**
TABARU T. E., HAYBER Ş. E., SARAÇOĞLU Ö. G.
International Conference on Theoretical and Applied Computer Science and Engineering 2018-Summer, İstanbul, Turkey, 29 - 30 June 2018, pp.82-83
- XXIII. **Time Domain Analysis of Photoacoustic Wave Equation for Acoustic Pressure Sensor Designs**
TABARU T. E., HAYBER Ş. E., SARAÇOĞLU Ö. G.
International Conference on Theoretical and Applied Computer Science and Engineering 2018-Summer, İstanbul, Turkey, 29 - 30 June 2018, pp.84-85
- XXIV. **A New Diaphragm Material for Fiber Optic Fabry-Perot AcousticSensors with 2D GaSe**
HAYBER Ş. E., TABARU T. E., AYDEMİR U., SARAÇOĞLU Ö. G.
IV. INTERNATIONAL MULTIDISCIPLINARYCONGRESS OF EURASIA (IV-IMCOFE), ROMA, Italy, 23 - 25 August 2017, pp.482
- XXV. **Fiber Optik İnterferometrik Akustik Basınç Sensörlerinde Diyafram Boyutlarının Belirlenmesi**
HAYBER Ş. E., TABARU T. E., SARAÇOĞLU Ö. G.
2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.1910
- XXVI. **Influence of Pressure Caused by the Photoacoustic Effect on Parameters in Sensing Applications**

TABARU T. E., HAYBER Ş. E., SARAÇOĞLU Ö. G.

I. INTERNATIONALSCIENTIFIC AND VOCATIONALSTUDIES CONGRESS (BILMES 2017), Nevşehir, Turkey, 5 - 08 October 2017, pp.557-558

XXVII. Using of 2D In₂Se₃ Single Crystal for Fabry-Perot Fiber Optic Acoustic Sensors as a Diaphragm Material

HAYBER Ş. E., TABARU T. E., AYDEMİR U., SARAÇOĞLU Ö. G.

4th INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCESN-2017), Antalya, Turkey, 4 - 08 October 2017, pp.462

XXVIII. Selection of Fiber Optic Fabry-Perot Interferometer Parameter for Acoustic Sensing Applications

HAYBER Ş. E., TABARU T. E., SARAÇOĞLU Ö. G.

International Conference on Advances and Innovations in Engineering (ICAIE), Elazığ, Turkey, 10 - 12 May 2017, pp.189-195

XXIX. Kırılma indis değişimine duyarlı bir taşınabilir optik algılayıcı tasarımı

HAYBER Ş. E., SARAÇOĞLU Ö. G.

4. Mühendislik ve Teknoloji Sempozyumu, Ankara, Turkey, 28 - 29 April 2011, pp.199-205

Supported Projects

Hayber Ş. E., Çam E., Güçyetmez M., Energy and Natural Resources Ministry, Dağıtım Trafolarının Yağ Yaşlanma, Yağ Seviyesi İzleme ve Analiz Amaçlı Fiber Optik Tabanlı Yerli Sensör Tasarımı, 2022 - 2024

Hayber Ş. E., Project Supported by Higher Education Institutions, Fiber Optik Üç Boyutlu Hareket Algılayıcı Sensör Geliştirilmesi, 2022 - 2023

Hayber Ş. E., Kurban M., TUBITAK Project, Ahiler Diyarı Bilimle Şenleniyor, 2021 - 2021

Hayber Ş. E., Project Supported by Higher Education Institutions, Fiber Optik Akustik Basınç Sensörü Geliştirilmesi, 2019 - 2020

Hayber Ş. E., TUBITAK Project, Diyafram Tabanlı Akustik Fiber Optik Sensör Geliştirilmesi, 2018 - 2019

Hayber Ş. E., Saraçoğlu Ö. G., Project Supported by Higher Education Institutions, Fotoakustik Sinyal Algılanması İçin Fabry-Perot Sensör Geliştirilmesi, 2016 - 2018

Hayber Ş. E., Dayangaç A., Project Supported by Higher Education Institutions, Elektronik ve Otomasyon Bölümü ile Elektrik ve Enerji Bölümlerindeki Uygulamalı Derslerin Kalitesinin Artırılması, 2012 - 2014

Hayber Ş. E., Yılmaz M., Project Supported by Higher Education Institutions, Değişik Çaplarda Rüzgâr Türbini Kanatlarının Farklı Rüzgâr Hızlarında Verimliliğinin İncelenmesi, 2011 - 2013

Hayber Ş. E., Karayığit A. İ., Project Supported by Higher Education Institutions, Fiber Optik Yöntemlerle Farklı Sıvı İçeriklerinin Algılanmasında Mobil Sensör Tasarımı, 2010 - 2012

Patent

Hayber Ş. E., Güçyetmez M., İKAZ KÜRESİ İÇİN AYDINLATMA SİSTEMİ, Patent, CHAPTER H Electricity, The Invention Recourse Number: 2023/005196 , Standard Registration, 2023

Hayber Ş. E., Güçyetmez M., Elektrik İletim Sistemleri İçin Yandan Işıdamalı Fiber Optikte Aydınlatılmış İkaz Küresi , Industrial Design, CHAPTER H Electricity, The Invention Recourse Number: 2023/008476 , Standard Registration, 2023

Hayber Ş. E., Görkem Y., ÜÇ EKSENLİ YER DEĞİŞTİRME ÖLÇÜMÜ İÇİN FİBER OPTİK ALGILAYICI, Patent, CHAPTER H Electricity, The Invention Recourse Number: 2023/005670 , Standard Registration, 2023

Hayber Ş. E., Görkem Y., Üç eksenli yer değiştirme için fiber optik algılayıcı, Industrial Design, CHAPTER H Electricity, The Invention Recourse Number: 2023/008435 , Standard Registration, 2023

Hayber Ş. E., Görkem Y., FIBER OPTIC SENSOR FOR TRIAXIAL DISPLACEMENT MEASUREMENT, Patent, CHAPTER H Electricity, The Invention Recourse Number: PCT/TR2023/050488 , Standard Registration, 2023

Hayber Ş. E., Güçyetmez M., LIGHTING SYSTEM FOR THE WARNING SPHERE, Patent, CHAPTER H Electricity, The Invention Recourse Number: PCT/TR2023/050454 , Standard Registration, 2023

Memberships / Tasks in Scientific Organizations

Anadolu Üniversiteler Birliği | <https://aub.org.tr/>, Member of Science Committee, 2021 - Continues, Turkey

Scientific Refereeing

IEEE SENSORS JOURNAL, SCI Journal, September 2023

Journal of Innovative Science and Engineering (JISE), National Scientific Refreed Journal, September 2023

OPTICAL FIBER TECHNOLOGY, SCI Journal, August 2023

SYMMETRY, SCI Journal, August 2023

IEEE SENSORS JOURNAL, Journal Indexed in SCI-E, August 2023

OPTICAL FIBER TECHNOLOGY, Journal Indexed in SCI-E, August 2023

ELECTRONICS LETTERS, SCI Journal, July 2023

IEEE SENSORS JOURNAL, SCI Journal, July 2023

Project Supported by Higher Education Institutions, BAP Research Project, Ataturk University, Turkey, April 2023

OPTICAL FIBER TECHNOLOGY, SCI Journal, March 2023

OPTICAL FIBER TECHNOLOGY, SCI Journal, February 2023

IEEE PHOTONICS TECHNOLOGY LETTERS, SCI Journal, February 2023

OPTICS LETTERS, SCI Journal, February 2023

IEEE PHOTONICS TECHNOLOGY LETTERS, SCI Journal, January 2023

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IEEE SENSORS JOURNAL, SCI Journal, January 2023

Project Supported by Higher Education Institutions, BAP Research Project, Kirşehir Ahi Evran University, Turkey, January 2023

SENSORS, SCI Journal, November 2022

IEEE SENSORS JOURNAL, SCI Journal, November 2022

Journal of scientific reports-A (Online), National Scientific Refreed Journal, November 2022

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