

## Lect. HASAN HÜSEYİN TAŞER

### Personal Information

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### Education Information

Doctorate, Necmettin Erbakan University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Dr), Turkey 2020 - Continues

Postgraduate, Necmettin Erbakan University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), Turkey 2017 - 2019

Associate Degree, Atatürk University, Açıköğretim Fakültesi, Mülkiyet Koruma Ve Güvenlik Bölümü, Turkey 2015 - 2017

Undergraduate, Karabuk University, Mühendislik Fakültesi, Mekatronik Mühendisliği Bölümü, Turkey 2011 - 2017

### Foreign Languages

English, B1 Intermediate

### Dissertations

Postgraduate, Karbon Borularda Nano Katkılarının Mekanik ve Termal Karakterizasyona Etkisi, Necmettin Erbakan University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), 2019

### Research Areas

Composites, Material Characterization

### Academic Titles / Tasks

Lecturer, Istanbul Gelisim University, ISTANBUL GELISIM VOCATIONAL SCHOOL, TECHNOLOGY OF HYBRID AND ELECTRIC VEHICLES, 2022 - Continues

### Academic and Administrative Experience

Program Başkanı, Istanbul Gelisim University, ISTANBUL GELISIM VOCATIONAL SCHOOL, TECHNOLOGY OF HYBRID AND ELECTRIC VEHICLES, 2024 - Continues

Erasmus Koordinatörü, Istanbul Gelisim University, ISTANBUL GELISIM VOCATIONAL SCHOOL, TECHNOLOGY OF HYBRID AND ELECTRIC VEHICLES, 2022 - Continues

Internship Coordinator, Istanbul Gelisim University, ISTANBUL GELISIM VOCATIONAL SCHOOL, TECHNOLOGY OF HYBRID AND ELECTRIC VEHICLES, 2022 - 2024

## Courses

HİBRİT VE ELEKTRİKLİ TAŞITLAR TEKNOLOJİLERİNİN TEMELLERİ, Associate Degree, 2023 - 2024, 2022 - 2023

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Experimental investigation of the effect of fabric wrapping method and autoclave curing on the mechanical and thermal degradation of carbon nanotube doped and undoped carbon composite pipes**

Kayrıcı M., Taşer H. H.

Polymer Composites, vol.45, no.14, pp.12885-12898, 2024 (SCI-Expanded)

## Books & Book Chapters

- I. **Investigation of Mechanical Behaviour of Crimp Effect on Fiber Reinforced Composite Materials**

TAŞER H. H., KAYRICI M.

in: Current Studies in Materials Science and Engineering, GÖKMEŞE HAKAN, BÜLBÜL ŞABAN, UZUN YUSUF, Editor, ISRES Publishing, Konya, pp.157-168, 2024

- II. **Advantages of Thermal Analysis in Polymer Matrix Composites**

Kayrıcı M., Taşer H. H., Öztürk E.

in: Current Studies in Basic Sciences, Engineering and Technology 2023, Arıkan Huseyin, Uzun Yusuf, Cetin Ibrahim, Editor, ISRES Publishing, Konya, pp.34-43, 2023

## Refereed Congress / Symposium Publications in Proceedings

- I. **INVESTIGATION OF MECHANICAL AND THERMAL PROPERTIES OF BATTERY SYSTEMS IN HYBRID AND ELECTRIC VEHICLES**

TAŞER H. H., TANSU M. N.

TOKYO 8TH INTERNATIONAL INNOVATIVE STUDIES & CONTEMPORARY SCIENTIFIC RESEARCH CONGRESS, Tokyo, Japan, 12 January - 14 February 2024, pp.431-440

- II. **Development of Hydrogen Fuel Cell Electric Vehicles**

Erdoğan K., Taşer H. H., Yavuz İ.

3rd International Conference on Engineering and Applied Natural Sciences, Konya, Turkey, 14 January 2023

- III. **Enerji Tasarrufu Bakımından Geleneksel Enerji Kaynaklarıyla Yakıt Pillerinin Karşılaştırılması**

YAĞCI D., GENÇASLAN B., TAŞER H. H.

1st International Conference on Scientific and Academic Research, Konya, Turkey, 10 December 2022, pp.328

- IV. **Karbon Borularda Nano Katkılarının Termal Karakterizasyona Etkisi**

TAŞER H. H., KAYRICI M., ARIKAN H.

The International Aluminium-Themed Engineering and Natural Sciences Conference in Seydişehir/TURKEY (IATENS'19), Konya, Turkey, 4 - 06 October 2019

- V. **Effect of Nano Additives on Mechanical Characterization in Carbon Pipes**

TAŞER H. H., KAYRICI M.

The International Aluminium-Themed Engineering and Natural Sciences Conference in Seydişehir/TURKEY

## Patent

- Taşer H. H., Taş S., JİROSKOP SENSÖRLÜ KABLOSUZ KULAKLIK, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/010277 , Standard Registration, 2024
- Taşer H. H., Taş S., ELEKTRONİK RUHSAT ANAHTARI, Patent, CHAPTER H Electricity, The Invention Recourse Number: 2024/006890 , Standard Registration, 2024
- Taş S., Taşer H. H., HEM ISITICILI HEM DE SOĞUTUCULU PANTOLON, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/008314 , Standard Registration, 2024
- Taşer H. H., Taş S., GRAFEN TABANLI GÜNEŞ PANELİ, Patent, CHAPTER H Electricity, The Invention Recourse Number: 2024/010649 , Standard Registration, 2024
- Taş S., Taşer H. H., GÜNEŞ PANELİ TEMİZLEME ROBOTU, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/008312 , Standard Registration, 2024
- Taşer H. H., Taş S., SENSÖRLÜ AKILLI MÜHİMMAT KASKI, Patent, CHAPTER F Mechanical engineering; Lighting; Heating; Weaponry; Destroyed Materials, The Invention Recourse Number: 2024/006915 , Standard Registration, 2024
- Taş S., Taşer H. H., ACİL DURUMLARDA OTOMATİK AÇILAN KAPI MEKANİZMASI, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/005214 , Standard Registration, 2024
- Taş S., Taşer H. H., SPORCU PERFORMANS BİLEZİĞİ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/008329 , Standard Registration, 2024
- Taşer H. H., Taş S., GÖRME ENGELLİ BİREYLER İÇİN YAPAY ZEKA DESTEKLİ GÖZLÜK, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/005216 , Standard Registration, 2024
- Taş S., Taşer H. H., AKILLI DUMAN SENSÖRÜ VE OTOMATİK BİLDİRİM SİSTEMİ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/008298 , Standard Registration, 2024
- Taşer H. H., Taş S., ENGELLİ BİREYLERİ OTOMATİK YÖNLENDİREN YENİ BİR TEKERLEKLİ SANDALYE, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/009998 , Standard Registration, 2024
- Taş S., Taşer H. H., KOLTUKLAR İÇİN ERGONOMİKONFOR SİSTEMİ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/008319 , Standard Registration, 2024
- Taşer H. H., Taş S., ARTIRILMIŞ GERÇEKLİK İLE TARİHİ YAPILARIN RESTORE EDİLMİŞ HALLERİNİ CANLANDIRAN YENİ BİR SİSTEM, Patent, CHAPTER E Constructed Constructions (Construction), The Invention Recourse Number: 2024/009994 , Standard Registration, 2024
- Taş S., Taşer H. H., AKILLI MANTAR BARİYER SİSTEMİ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/008300 , Standard Registration, 2024
- Taşer H. H., Taş S., HASSAS SICAKLIK VE AYDINLATMA KONTROLÜ SUNAN ERGONOMİK LEHİMLEME ARACI, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/010275 , Standard Registration, 2024
- Taşer H. H., Taş S., TEKNOLOJİK TEK KART, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/006896 , Standard Registration, 2024
- Taşer H. H., Taş S., SENSÖRLÜ KEMER, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/010008 , Standard Registration, 2024
- Taşer H. H., Taş S., ELEKTRİKÇİLER İÇİN ÖZELLEŞTİRİLMİŞ SANAL GERÇEKLİK TEKNOLOJİSİNE SAHİP BİR EĞİTİM SİSTEMİ, Patent, CHAPTER H Electricity, The Invention Recourse Number: 2024/009997 , Standard Registration, 2024
- Taş S., Taşer H. H., DUVAR PRİZLERİNDE YAPILAN GELİŞTİRME, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/008308 , Standard Registration, 2024
- Taşer H. H., Taş S., YABANI OTLARI TEMİZLEYEBİLEN ÇAPA MAKİNESİ APARATI, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/003962 , Standard Registration, 2024
- Taşer H. H., Taş S., RAYO SİNYALLERİ İLE ELEKTRİK İLETİM MEKANİZMASI, Patent, CHAPTER H Electricity, The Invention Recourse Number: 2024/006912 , Standard Registration, 2024
- Taş S., Taşer H. H., DEĞİŞEN KAMUFLAJ TEKNOLOJİSİ VE UYGULAMA SİSTEMİ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/008306 , Standard Registration, 2024
- Taşer H. H., Taş S., SENSÖRLÜ TERMAL ÇATI SİSTEMİ, Patent, CHAPTER A Human Needs, The Invention Recourse

Number: 2024/006918 , Standard Registration, 2024

Taşer H. H., Taş S., MANUEL DENİZ KIYI TEMİZLEME ROBOTU, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/003553 , Standard Registration, 2024

Taş S., Taşer H. H., GÜNEŞ ENERJİLİ RÜZGAR PANELİ, Patent, CHAPTER H Electricity, The Invention Recourse Number: 2024/008310 , Standard Registration, 2024

Taşer H. H., Taş S., TAŞINABİLİR RÜZGAR TÜRBİNİ İÇEREN ZEPLİN BALONU, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/010011 , Standard Registration, 2024

Taş S., Taşer H. H., SESLİ KLAVYE, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/008347 , Standard Registration, 2024

Taşer H. H., Taş S., MOTOSİKLETLER İÇİN DENGE PERVANESİ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/005218 , Standard Registration, 2024

Taş S., Taşer H. H., LAZER DUVARI, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/008324 , Standard Registration, 2024

Taşer H. H., Taş S., OTOMATİK ÇALIŞAN ENGELLİ RAMPASI, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/005220 , Standard Registration, 2024

Taşer H. H., Taş S., NFC EKLENTİLİ TİŞÖRT, Patent, CHAPTER H Electricity, The Invention Recourse Number: 2024/006895 , Standard Registration, 2024

Taş S., Taşer H. H., BAKTERİ ALGILAYAN RAF İÇEREN SOĞUTMA SİSTEMİ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/008303 , Standard Registration, 2024

Taş S., Taşer H. H., HAVA BALONU İLE TAŞINABİLİR RÜZGAR TÜRBİNİ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/005217 , Standard Registration, 2024

Taş S., Taşer H. H., EKRANSIZ HOLOGRAFİK YANSITMA TEKNOLOJİLİ MOBİL CİHAZ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/008309 , Standard Registration, 2024

Taşer H. H., Taş S., GÖRME ENGELLİ İNSANLAR İÇİN UYARICI KOL SAATİ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/003963 , Standard Registration, 2024

Taşer H. H., Taş S., KENDİ KENDİNİ ŞARJ EDEBİLEN AKILLI SAAT, Patent, CHAPTER H Electricity, The Invention Recourse Number: 2024/006892 , Standard Registration, 2024

Taşer H. H., Taş S., TELEFONDAN KAYNAKLI GÖZ YORGUNLUĞUNU ÖNLEYEN SİSTEM, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/006897 , Standard Registration, 2024

Taşer H. H., Taş S., RAYLI ELEKTROMANYETİK TOP, Patent, CHAPTER F Mechanical engineering; Lighting; Heating; Weaponry; Destroyed Materials, The Invention Recourse Number: 2024/006913 , Standard Registration, 2024

Taşer H. H., Taş S., AKILLI BİLEKLİK VE APLİKASYON İLE ENTEGRE ÇALIŞAN İLAÇ KUTUSU, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/006901 , Standard Registration, 2024

Taş S., Taşer H. H., TERMOELEKTRİK GİYSİ SİSTEMİ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/008333 , Standard Registration, 2024

Taş S., Taşer H. H., DENİZ SUYUNDAN HİDROJEN ÜRETEREK YAKIT OLARAK KULLANAN DENİZ ARACI, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/008307 , Standard Registration, 2024

Taşer H. H., Taş S., RENKLİ RÜYA BEŞİĞİ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/010279 , Standard Registration, 2024

Taş S., Taşer H. H., HOLOGRAMLI VE DOKUNMATİK ÖN KOKPİTLİ ELEKTRİKLİ ARAÇ PANELİ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/008316 , Standard Registration, 2024

Taşer H. H., Taş S., OTONOM SİLECEKLİ GÖZLÜK ÇERÇEVESİ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/010005 , Standard Registration, 2024

Taş S., Taşer H. H., AKILLI BİTKİ SULAMA SAKSISI, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/008297 , Standard Registration, 2024

Taşer H. H., Taş S., AKILLI ASANSÖR SİSTEMİ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/006900 , Standard Registration, 2024

Taşer H. H., Taş S., AKILLI KİLİT ALARM SİSTEMİ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/010270 , Standard Registration, 2024

Taşer H. H., Taş S., MODÜLER WOOFER, Patent, CHAPTER H Electricity, The Invention Recourse Number: 2024/006894 , Standard Registration, 2024

Taşer H. H., Taş S., OTOMATİK LASTİK BASINCI İZLEME VE AYARLAMA SİSTEMİ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/010003 , Standard Registration, 2024

Taş S., Taşer H. H., YABANI HAYVAN CAYDIRICI GIYSİ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2024/008334 , Standard Registration, 2024

## **Metrics**

Publication: 8

## **Awards**

Taşer H. H., Taş S., SENSÖRLÜ KEMER, Uluslararası Buluş Fuarı (Isif) 2024, October 2024