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Education Information

Doctorate, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Turkey 2008 - 2012

Certificates, Courses and Trainings

Quality Management, ENERJİ YÖNETİCİSİ SERTİFİKASI-SANAYİ, (EİE)ENERJİ ve TABİİ KAYNAKLAR BAKANLIĞI ELEKTRİK İŞLERİ İDARESİ GENEL MÜDÜRLÜĞÜ, 2009

Education Management and Planning, PNÖMATİK'E GİRİŞ, FESTO, 2009

Education Management and Planning, ISITMA, KLİMA ve HAVALANDIRMA, ISISAN, 2008

Education Management and Planning, YENİ TEKNOLOJİ SİSTEMLERİ, BOSCH SANAYİ VE TİCARET A.Ş., 2008

Other, HYDROGEN ENERGY TECHNOLOGIES and R&D ACTIVITIES, IHEC 2007, 2007

Quality Management, TPM (Total Productive Maintenance)'in İşletmelerde Uygulanması, FESTO A.Ş. / Didactic, 2001

Other, EP 211-Temel Seviye Elektropnömatik, FESTO A.Ş./ Didactic, 2001

Quality Management, TOPLAM ÜRETKEN BAKIM, BİLEŞİM FUARCILIK/ 6.ENDÜSTRİYEL OTOMASYON ETKİNLİKLERİ KAPSAMINDA, 1999

Other, AR-GE PROJELERİNİN YÖNETİLMESİ, BİLEŞİM FUARCILIK/ 6.ENDÜSTRİYEL OTOMASYON ETKİNLİKLERİ KAPSAMINDA, 1999

Dissertations

Doctorate, Elastik-Silindirik Yapıların Akışkan Etkisi Altında Titreşimi, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği, 2012

Research Areas

Biomedical Engineering, Biomedical Image Processing, Mechanical Engineering, Energy, Fluid Mechanics, Hydrogen Technologies and Fuel Cells , Advanced Energy Technologies, Thermodynamics, Computational fluid dynamics, Aeronautical and Space Engineering, Aeronautical Engineering , Flight Sciences, Structural Technologies, Aerodynamics, Analysis techniques, Aeroelasticity, Test techniques, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, İstanbul University-Cerrahpaşa, Faculty of Engineering, Department of Mechanical Engineering, 2018 - Continues

Assistant Professor, Istanbul University, Mühendislik Fakültesi , Makine Mühendisliği Bölümü, 2014 - 2018

Academic and Administrative Experience

Courses

UYGULAMALI AKIŞKANLAR MEKANIĞI, Undergraduate, 2018 - 2019

HİDROJEN ENERJİSİ VE EKONOMİSİ, Undergraduate, 2018 - 2019

BİTİRME PROJESİ II, Undergraduate, 2018 - 2019

ENDÜSTRİYEL TABANLI UYGULAMALI AKIŞKANLAR MEKANIĞI, Postgraduate, 2018 - 2019

MAKİNA PROJESİ II, Undergraduate, 2018 - 2019

GÜNEŞ ENERJİSİ TABANLI HİDROJEN EKONOMİSİ, Postgraduate, 2018 - 2019

BİTİRME PROJESİ I, Undergraduate, 2019 - 2020

MAKİNE PROJESİ I, Undergraduate, 2018 - 2019

Advising Theses

KAPKIN Ş., Ev Tipi Bir Fırında Yanma Olayının Deneysel ve Nümerik Olarak İncelenmesi, Postgraduate, E.CAN(Student), Continues

KAPKIN Ş., Kamyon Yan Eteklerinin Titreşim Kaynaklı Yorulma Analizi, Postgraduate, E.KAYA(Student), 2019

KAPKIN Ş., Hızlandırılmış yaşlandırma ile elastomer malzemelerin test sürelerinin kısaltılması, Postgraduate, M.AYGÜN(Student), 2018

Jury Memberships

Post Graduate, Tez Savunma Juri Üyesi, İSTANBUL TEKNİK ÜNİVERSİTESİ, October, 2018

Post Graduate, Tez Savunma Juri Üyesi, İSTANBUL TEKNİK ÜNİVERSİTESİ, August, 2018

Doctoral Examination, Doktora Yeterlilik Juri Üyesi, İSTANBUL TEKNİK ÜNİVERSİTESİ, May, 2018

Post Graduate, YÜKSEK LİSANS TEZİ SAVUNMA JÜRİSİ, ÖZYEGİN ÜNİVERSİTESİ, June, 2017

Post Graduate, YÜKSEK LİSANS TEZİ SAVUNMA JÜRİSİ, İSTANBUL TEKNİK ÜNİVERSİTESİ , July, 2015

Post Graduate, YÜKSEK LİSANS TEZİ SAVUNMA JÜRİSİ, İSTANBUL TEKNİK ÜNİVERSİTESİ , May, 2015

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

I. Flutter of a Membrane in a Stagnation Flow

Kapkin S., Demir M. S. , Kaya M. O. , Uzal E.

JOURNAL OF APPLIED FLUID MECHANICS, vol.12, no.3, pp.981-985, 2019 (Journal Indexed in SCI)

II. Vibrations of an infinite plate placed in a circular channel containing fluid flow

Uzal E., Kapkin S.

AIRCRAFT ENGINEERING AND AEROSPACE TECHNOLOGY, vol.81, no.6, pp.533-535, 2009 (Journal Indexed in SCI)

III. Vibrations of the walls of a rectangular duct containing fluid flow

Kapkin S., Uzal E.

AIRCRAFT ENGINEERING AND AEROSPACE TECHNOLOGY, vol.77, no.5, pp.401-403, 2005 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Determining the mechanical properties of sandwich composite materials for aviation applications**
Turkkal B., Cinkilic A. C. , Kapkin S.
INTERNATIONAL JOURNAL OF SUSTAINABLE AVIATION, vol.4, pp.221-246, 2018 (Journal Indexed in ESCI)
- II. **Microscopic Evaluation of the Effect of Different Schedule and Concentration of Dentifrices on Artificial Carious Lesions.**
Arslantunali D., Yanikoğlu F., KAPKIN Ş., Başaran B.
The Journal of Hacettepe Faculty of Dentistry, vol.24, pp.49-56, 2000 (National Refreed University Journal)

Books & Book Chapters

- I. **Twin-Head Platform**
KAPKIN Ş., TOKAR O.
in: Progress in Clean Energy, Volume 2, Dincer i, Colpan C.Ö, Kizilkan Ö, Ezan M.A. , Editor, Springer International Publishing, Springer International Publishing Switzerland, pp.493-499, 2015
- II. **Role of Sulfur to Acquire Hydrogen from the Black Sea**
KAPKIN Ş., Güneş Durak S.
in: Progress in Clean Energy, Volume 2, Dincer I, Colpan C.O, Kizilkan O, Ezan M.A., Editor, Springer International Publishing, Springer International Publishing Switzerland, pp.493-499, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **TESTING AND EVALUATION OF THE CORE MATERIAL IN HONEYCOMB COMPOSITE STRUCTURES ACCORDING TO THE ASTM C393/C393M STANDARD**
KOÇAK F. C. , EKER S., YILDIRIM K., KAPKIN Ş.
International Symposium on Sustainable Aviation 2017, Kiev, Ukraine, 10 - 13 September 2017, pp.10-15
- II. **INTERACTION BETWEEN RIVER AND WIND**
EKMEKÇİ E., KAPKIN Ş.
5. European Conference on Renewable Energy Systems, Sarajevo, Bosnia And Herzegovina, 27 - 30 August 2017, pp.457-461
- III. **Twin-Head platform**
Tokar O., KAPKIN Ş.
13th International Conference on Clean Energy (ICCE 2014), İstanbul, Turkey, 8 - 12 June 2014, pp.1952-1956
- IV. **Role of sulfur to acquire hydrogen from the Black Sea**
KAPKIN Ş., Güneş Durak S.
13th International Conference on Clean Energy (ICCE 2014), İstanbul, Turkey, 8 - 12 June 2014, pp.1068-1072
- V. **The Effect of the Gonial Angle on Masticatory Performance in Denture Wearers**
Deniz D. A. , KAPKIN Ş., Özkan Y. K.
FDI 2013 Annual World Dental Congress, İstanbul, Turkey, 28 - 31 August 2013, pp.66
- VI. **Production of Hydrogen Energy and Storage in The Coal Mines**
OĞLAKCI B., KAPKIN Ş.
ICCI-2010, Cyprus (Kkctc), 1 - 04 September 2010, pp.1-8
- VII. **Conjuncture of Nuclear Energy in The World and Nuclear Energy in Turkey**
AKTOPRAK F., KALKAN C. K. , KAPKIN Ş.
ICCI-2010, Cyprus (Kkctc), 1 - 04 September 2010, pp.9-15
- VIII. **Orrosion Behavior of Biodiesel**
OGUZ Z., KAPKIN Ş.
IEESE-5, Turkey, 1 - 04 June 2010, pp.272

- IX. **Deniz suyundan elde edilen kullanma suyunun, çevre açısından değerlendirilmesi**
Güneş S., ARSLAN A., KAPKIN Ş.
International Energy & Environment Fair & Conference (ICCI 2009), İstanbul, Turkey, 13 - 15 May 2009, pp.294
- X. **Possibilities of Production and Storage of Hydrogen in the Black Sea**
HAKLIDIR M., TUT F. S. , KAPKIN Ş.
16th World Hydrogen Energy Conference 2006 (WHEC 2006), Lyon, France, 13 - 16 June 2006, pp.3072-3080
- XI. **Blace Sea, A. Hydrogen Source**
HAKLIDIR M., KAPKIN Ş.
Proceedings of the International Hydrogen Energy Congress and Exhibition (IHEC 2005), İstanbul, Turkey, 13 - 15 July 2005, pp.1-5
- XII. **Toothpastes with 300 and ppm fluoride and frequency of usage on artificial enamel lesions.**
ARSLANTUNALI D., YANIKOĞLU F., KAPKIN Ş., BAŞARAN B.
Turkish Dental Association 5th International Dental Congress, Bursa, Turkey, 23 - 27 June 1998, pp.107
- XIII. **Frenleme Sürecinde Balata ve Kampana Sıcaklıklarının Bilgisayar Destekli Benzeşimi**
KAPKIN Ş., KAYKAYOĞLU C.
MAMKON '97, Turkey, 1 - 04 June 1997, pp.44-51

Supported Projects

- KAPKIN Ş., Project Supported by Other Private Institutions, Medikal Alanda Kullanılan Kapsül Patlatma Cihazın Simülasyonu-CFD, 2019 - 2019
- KAPKIN Ş., Project Supported by Other Official Institutions, Uçaklarda Kompozit Testleri ve Akritasyon Çalışmaları, 2015 - 2018
- KAPKIN Ş., Project Supported by Higher Education Institutions, Twin Head Platform, 2017 - 2017
- KAPKIN Ş., Project Supported by Other Private Institutions, Sandviç Yapılı Kompozitlerin Eğilme Testlerinin Yapılması ve Mekanik Özelliklerinin Belirlenmesi, 2017 - 2017
- KAPKIN Ş., Project Supported by Other Private Institutions, Kompozit Panellerde Eğilme Testleri - Short Beam Testi, 2016 - 2017
- KAPKIN Ş., Project Supported by Other Private Institutions, Uçak Kompozit Yapılarında Hasar Toleransı - BVID, 2015 - 2016
- KAPKIN Ş., Project Supported by Other Private Institutions, Kompozit Panellerde Dört Nokta Eğilme Testlerini, 2014 - 2015
- KAPKIN Ş., Project Supported by Higher Education Institutions, ROLE OF SULFUR TO ACQUIRE HYDROGEN FROM THE BLACK SEA, 2014 - 2014
- KAPKIN Ş., Project Supported by Other Official Institutions, Kabin içi bağlantı elemanları, 2013 - 2014
- KAPKIN Ş., Project Supported by Other Official Institutions, Kompozit üretimi ve havacılık testleri _1, 2011 - 2012
- KAPKIN Ş., Project Supported by Other Private Institutions, Tam Kapalı Fan Soğutmalı 4 Kutup Bir Endüstriyel Motor, 2010 - 2011
- KAPKIN Ş., Project Supported by Other Private Institutions, Endüstriyel BLDC (Fırçasız Doğru Akım) Motorunun Mekanik Tasarımı, 2008 - 2009
- KAPKIN Ş., Project Supported by Other Private Institutions, Ticari Motorda Isınma Problemleri, 2007 - 2008
- KAPKIN Ş., Project Supported by Other Private Institutions, Kahve makinesi İçin, Çift Çıkışlı Pompa Tasarımı, 2006 - 2007
- KAPKIN Ş., Project Supported by Other Private Institutions, Bulaşık Makinesi Pompa-Motor Optimizasyonu, 2004 - 2005
- KAPKIN Ş., Project Supported by Other Private Institutions, Hava Yönlendiricisi Optimizasyonu -2, 2003 - 2004
- KAPKIN Ş., Project Supported by Other Private Institutions, Bulaşık Makinelerindeki, Ana Sirkülasyon ve Boşaltma Pompalarının Tek Tahrik ile Beslenmesi, Prototip Çalışması, 2000 - 2001
- KAPKIN Ş., Project Supported by Other Private Institutions, Bulaşık Makinelerindeki Ana Sirkülasyon ve Boşaltma Pompalarının Tek Tahrik ile Beslenmesi, 1999 - 2000
- KAPKIN Ş., Project Supported by Other Official Institutions, Burçlu (Kayma) Yataklar, 1998 - 1999
- KAPKIN Ş., TUBITAK Project, Otobüs Kabininde Sıcaklık Dağılımının, Temiz Hava Konsantrasyonunun Deneysel ve

Hesaplamalı Yöntemlerle Araştırılması ve İklimlendirme Sisteminin Analizi, 1998 - 1999

Memberships / Tasks in Scientific Organizations

Hidrojen Teknolojileri Derneği, Member, 2017 - Continues

Scientific Refereeing

Mühendislik Bilimleri Genç Araştırmacılar Kongresi, Bildiri Kitapçığı, Other Journals, November 2005

Edit Congress and Symposium Activities

BİAS Kullanıcılar Konferansı, Attendee, İstanbul, Turkey, 2019

ASHRAE RAL CRC 2018 Antalya, Attendee, Antalya, Turkey, 2018

BİAS Kullanıcılar Konferansı, Attendee, İstanbul, Turkey, 2017

4th International Management Information Systems Conference (IMISC2017), Attendee, İstanbul, Turkey, 2017

ENERJİ YÖNETİMİ, Attendee, İstanbul, Turkey, 2017

13th International Conference on Clean Energy (ICCE 2014), Attendee, İstanbul, Turkey, 2014

ICCI - 15. Uluslararası Enerji ve Çevre Fuarı ve Konferansı, Attendee, İstanbul, Turkey, 2009

2.ANOVA Kullanıcılar Konferansı,, Attendee, Ankara, Turkey, 2008

International Hydrogen Energy Congress and Exhibition (IHEC-2007), Attendee, İstanbul, Turkey, 2007

3. Ulusal Hidrojen Enerjisi Kongresi, Attendee, İstanbul, Turkey, 2006

"Ulusal Bilim Kimliği ve İnsan Kaynağı Planlaması" Panelist, Attendee, Turkey, 2005

International Hydrogen Energy Congress and Exhibition (IHEC-2005), Attendee, Turkey, 2005

HYDROGEN IS THE FUTURE, Attendee, İstanbul, Turkey, 2005

UNEP 2000 Uluslararası III.Ticari Araçlar Fuarı. TÜYAP-Beylikdüzü, Attendee, Turkey, 2000

Citations

Total Citations (WOS):3

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