

Personal Information

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Education Information

Doctorate, University Of Miami, Graduate School, United States Of America 1988 - 1991

Post Graduate, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Y) (Tezli), Turkey 1985 - 1988

Under Graduate, İstanbul Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği Bölümü, Turkey 1981 - 1985

Foreign Languages

English, C1 Advanced

Research Areas

Engineering and Technology

Academic Titles / Tasks

Professor, Kocaeli Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2002 - Continues

Professional Experience

Director of Vocational School, Kocaeli Üniversitesi, Kocaeli Meslek Yüksekokulu, 2015 - Continues

Head of Department, Kocaeli Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 1991 - Continues

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

- **Experimental comparison of control methods for armoured personnel carriers with semi-active magneto-rheological suspension**
Saltik S., Yıldız A. S. , Sivrioğlu S., Dülger Z.
INTERNATIONAL JOURNAL OF HEAVY VEHICLE SYSTEMS, vol.26, pp.628-647, 2019 (Journal Indexed in SCI)
- **Internal combustion engines fueled by natural gas - hydrogen mixtures**
Akansu S., Dulger Z., Kahraman N., Veziroğlu T.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.29, pp.1527-1539, 2004 (Journal Indexed in SCI)
- **Fuel economy improvement by on board electrolytic hydrogen production**
Dulger Z., Ozcelik K.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.25, pp.895-897, 2000 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Computation of flame front surface areas for combustion modeling of spark ignited internal combustion engines**

DÜLGER Z.

Modelling, Measurement and Control C, vol.47, pp.9-20, 1995 (Refereed Journals of Other Institutions)

- **Robotic Arc Welding With Adaptive Control**

Dülger Z., Kaluç E.

Çukurova Üniversitesi, J. FAC. ENG. ARCH, pp.105-113, 1992 (International Refereed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- **Kocaeli Vocational School Measurement and Calibration Program**

DÜLGER Z.

ICOLES 2018 INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Girne, Cyprus (Kkctc), 2 - 06 Eylül 2018, pp.68-75

- **PLANNING OF VOCATIONAL TECHNICAL TRAINING PROGRAMS IN ACCORDANCE WITH THE NEEDS OF TURKISH INDUSTRY AND EXAMPLE OF TECHNICAL PROGRAMS AT KOCAELI VOCATIONAL SCHOOL**

DÜLGER Z.

ICOLES-2018 INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, Girne, Cyprus (Kkctc), 2 - 06 Eylül 2018, pp.60-67

- **MAGNETO-RHEOLOGICAL SUSPENSION APPLICATIONS AND EXPERIMENTAL UTILIZATION IN HEAVY VEHICLES**

DÜLGER Z., SALTİK S.

International Conference on Science, Technology, Engineering and Management (ICSTEM), 26 - 27 Aralık 2017

- **Metrology Programs at Kocaeli Vocational School**

DÜLGER Z.

INTERNATIONAL VOCATIONAL SCIENCE SYMPOSIUM, Antalya, Turkey, 18 - 20 Ekim 2017, pp.160-161

- **PREDICTIVE MAINTENANCE METHODS AND APPLICATIONS IN AUTOMOTIVE INDUSTRY**

DÜLGER Z., ACAR G.

3rd International Conference on Business and Economics Studies, HOUSTON, United States Of America, 23 Ocak - 25 Mart 2017, pp.115-124

- **Dropout Rates of Students Enrolled in Formal Education and Distance Education Programs at Kocaeli Vocational School**

DÜLGER Z.

2015 International Education Conference, LAS VEGAS, United States Of America, 11 - 15 Ekim 2015

- **PERFORMANCE AND EMISSIONS OF A MICRO-TURBINE FUELED WITH JP8-CANOLA BIODIESEL MIXTURES**

DÜLGER Z., ASLAN S., ARICI M., CATORI C., KARABAY H., POLAT N., AKSIT I. M., SARAÇ H. İ., GOKALP B.

ASME Turbo Expo: Turbine Technical Conference and Exposition, Düsseldorf, Germany, 16 - 20 June 2014

- **CO₂ and Fuel Consumption Reduction Potential of a Photovoltaic Battery Recharging System**

DÜLGER Z., ÖZDEMİR E., İLTER L.

2nd International Conference on Environmental Science and Technology (ICEST 2011), Singapore, Singapore, 26 - 28 February 2011, vol.6, pp.407-410

- **Utilization of sunflower methyl ester as a diesel engine fuel**

DÜLGER Z., Kaplan C.

International Fall Fuels and Lubricants Meeting and Exposition, San Antonio, TX, United States Of America, 24 - 27 Eylül 2001

- **The effects of hydrogen addition on natural gas engine operation**

Swain M., Yusuf M., Dülger Z., Swain M.

Fall Fuels and Lubricants Meeting and Exposition, Pennsylvania, United States Of America, 18 - 21 Ekim 1993

Supported Projects

DÜLGER Z., Project Supported by Higher Education Institutions, III. NESİL (ADAPTİF) MR DAMPERLİ YARI AKTİF

SÜSPANSİYON SİSTEMİNİN SİMÜLE EDİLMESİ, FARKLI KONTROL YÖNTEMLERİNİN ARAZİ ŞARTLARINDA TEST EDİLMESİ VE EN VERİMLİ YÖNTEMİN BELİRLENMESİ, 2015 - 2016

DÜLGER Z., Project Supported by Higher Education Institutions, III. NESİL (ADAPTİF) MR DAMPERLİ YARI AKTİF SÜSPANSİYON SİSTEMİNİN SİMÜLE EDİLMESİ, FARKLI KONTROL YÖNTEMLERİNİN ARAZİ ŞARTLARINDA TEST EDİLMESİ VE EN VERİMLİ YÖNTEMİN BELİRLENMESİ, 2014 - 2014

DÜLGER Z., Project Supported by Higher Education Institutions, Kocaeli Üniversitesi Otomotiv Laboratuvarı Altyapı Projesi, 2011 - 2014

DÜLGER Z., Project Supported by Higher Education Institutions, Kocaeli Bölgesindeki Güneş ve Rüzgar Enerjisi Potansiyelinin Elektrikli Hibrid Araba Aküsü Şarj Edilmesi İçin Kullanımının Araştırılması, 2010 - 2011

Citations

Total Citations (WOS):305

h-index (WOS):2