

Res. Asst. Mehmet Alper DEMİRAY

Personal Information

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Education Information

Doctorate, Suleyman Demirel University, Fen Bilimleri, Makine Mühendisliği, Turkey 2017 - Continues

Postgraduate, Suleyman Demirel University, Fen Bilimleri, Makine Mühendisliği, Turkey 2014 - 2016

Undergraduate, Suleyman Demirel University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 2009 - 2014

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, HIZLI ÇEKİM KAMERASI, STARTEKNİK, 2019

Education Management and Planning, CATIA KATI MODELLEME, YETEM, 2015

Education Management and Planning, SOLİDWORKS KATI MODELLEME, YETEM, 2013

Dissertations

Postgraduate, DIŞ İSKELET ROBOTLAR İÇİN MR DAMPER TASARIMI, Suleyman Demirel University, Fenbilimleri Enstitüsü, Makine Mühendisliği, 2016

Research Areas

Mechanical Engineering, Construction and Manufacturing, Non-traditional manufacturing methods, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Suleyman Demirel University, Mühendislik Fakültesi, Makine Mühendisliği, 2018 - Continues

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

- Selection and implementation of optimal magnetorheological brake design for a variable impedance exoskeleton robot joint**
BAŞER Ö., DEMİRAY M. A.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL

ENGINEERING SCIENCE, vol.231, no.5, pp.941-960, 2017 (Journal Indexed in SCI)

- II. **A linear magnetorheological brake with multipole outer coil structure for high on-state and low off-state force outputs**

BAŞER Ö., DEMİRAY M. A. , BAŞ A., KILIÇ E., Erol G. O.

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.25, no.5, pp.3501-3514, 2017 (Journal Indexed in SCI)

- III. **Selection and implementation of optimal magnetorheological brake design for a variable impedance exoskeleton robot joint**

DEMİRAY M. A. , BAŞER Ö.

PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, vol.0, pp.1-20, 2016 (Journal Indexed in SCI)

- IV. **A Linear Magnetorheological Brake with Multi-Pole Outer Coil Structure for High On-State and Low Off-State Force Outputs**

DEMİRAY M. A. , BAŞER Ö., KILIÇ E., EROL G. O.

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.25, pp.3501-3514, 2016 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Comparison of 4-Pole with 225 Coil-Turns and 6-Pole with 150 Coil-Turns Multi-pole Inner Coil Rotary MR Brake Designs**

DEMİRAY M. A. , BAŞER Ö.

International Journal of Materials Mechanics and Manufacturing, vol.5, no.3, pp.200-2004, 2016 (Refereed Journals of Other Institutions)

- II. **Alt Uzuv Dış İskelet Robot Eklemlerinde Kararlılık İçin Sönümlleme Katsayıları ve Momentlerinin Hesaplanması**

DEMİRAY M. A. , BAŞER Ö.

Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.18, no.3, pp.34-51, 2014 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Eklemeli İmalat Yöntemlerinde Kullanılan Malzemeler**

DEMİRAY M. A. , ŞEKERCİ B., SALTİK O., KAYACAN M. C.

3.RD International Congress on 3D printing (Aditive Manufacturing) Technologies and Dijital Industry, 2018, 19 - 21 April 2018

- II. **Eklemeli İmalat Yöntemlerinde Kullanılan Malzemeler**

DEMİRAY M. A. , KAYACAN M. C. , SALTİK O., ŞEKERCİ B.

4th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry, Antalya, Turkey, 11 - 14 April 2018, pp.49-57

Supported Projects

DEMİRAY M. A. , Project Supported by Other Official Institutions, Döner MR Fren Geliştirilmesi, 2015 - 2016

Citations

Total Citations (WOS):8

h-index (WOS):2