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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Turkey 1999 - 2006

Postgraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Makine Mühendisliği Bölümü, Turkey 1994 - 1997

Undergraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Makine Mühendisliği Bölümü, Turkey 1988 - 1992

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Modern kalite yönetim sistemlerinin endüstriyel uygulamalarında proses performanslarının değerlendirilmesi ve sürekli iyileştirilmesi, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, 2006

Postgraduate, Çeliklerin kaynağında ısı işlemlerin ısı etkisi altında kalan bölgedeki oluşumlara etkisi, Yıldız Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği Bölümü, 1997

Academic Titles / Tasks

Assistant Professor, Marmara University, Vocational School of Technical Sciences, Mechanical and Metal Technology, 2011 - Continues

Research Assistant, Marmara University, Faculty of Technical Education, Metal Education, 1992 - 2011

Academic and Administrative Experience

Marmara University, Vocational School of Technical Sciences, Mechanical and Metal Technology, 2018 - Continues

Marmara University, Vocational School of Technical Sciences, Mechanical and Metal Technology, 2012 - 2015

Deputy Head of Department, Marmara University, Vocational School of Technical Sciences, Mechanical and Metal Technology, 2012 - 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Prediction of Round Jet Flow with Artificial Neural Networks**
KESEN U., ŞİŞMAN T., ÇAVUŞOĞLU İ.
ACTA PHYSICA POLONICA A, vol.135, no.4, pp.609-612, 2019 (SCI-Expanded)
- II. **The Effects of Drilling Operation on the Surface Roughness of Modified GFRP Composites**
Cavusoglu I., Durakbasa M. N., Cakir M.
ACTA PHYSICA POLONICA A, vol.134, no.1, pp.339-341, 2018 (SCI-Expanded)
- III. **Analysis of Surface Modification of GFRP and Influence on the Drilled Part Delamination**
Cavusoglu I., Durakbasa M. N., Cakir M.
ACTA PHYSICA POLONICA A, vol.131, no.3, pp.423-427, 2017 (SCI-Expanded)

Books & Book Chapters

- I. **Effects of The Fiber Percentage Rate of The GFRP Composites**
Çavuşoğlu İ.
in: DAAAM International Scientific Book , Branko Katalinic, Editor, DAAAM International Vienna, Vienna, pp.335-342, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **PREDICTION OF PLAIN CIRCULAR JET FLOW WITH ARTIFICIAL NEURAL NETWORKS**
KESEN U., ŞİŞMAN T., ÇAVUŞOĞLU İ.
APMAS 2018, 24 - 30 April 2018
- II. **INTEGRATION of MANUFACTURING PROCESSES of NEW GENERATION MATERIALS into INDUSTRY 4.0**
ÇAVUŞOĞLU İ., Poszvek G., Durakbasa M. N.
International Symposium for Production Research 2017, 13 - 15 September 2017
- III. **Analysis and Evaluation of Surface Roughness on the Modified GFRP Composites**
ÇAVUŞOĞLU İ., Durakbaşa M. N., ÇAKIR M.
APMAS 2017, 22 - 26 April 2017
- IV. **The optimisation of life cycle of GFRP**
ÇAVUŞOĞLU İ., walcher e. m.
4. international conference on quality and innovation in engineering and management, 25 - 30 July 2016
- V. **Analysis and Evaluation of Surface Modification Contributed on GFRP for Drilled Part Delamination**
ÇAVUŞOĞLU İ., durakbaşa m. n., ÇAKIR M.
6th International Advances in Applied Physics and Materials Science Congress & Exhibition, 1 - 03 June 2016
- VI. **THE OPTIMIZATION OF DRILLING PARAMETERS OF GLASS FIBER REINFORCED PLASTICS VIA TAGUCHI METHOD**
ÇAVUŞOĞLU İ., ÇAKIR M., Numan M D., Eva Maria W.
MultiScience - XXX. microCAD International Multidisciplinary Scientific Conference University of Miskolc, Hungary, 21-22 April 2016, ISBN 978-963-358-113-1, 21 - 22 April 2016
- VII. **The optimization of drilling parameters of glass fiber reinforced plastics via taguchi method**
Çavuşoğlu İ., Çakır M., Durakbaşa M. N., Walcher E. M.
Multiscience XXX. microCAD international multidisciplinary scientific conference, 21 - 22 April 2016
- VIII. **The Optimization of Drilling Parameters of Surface Modified Glass Fiber Reinforced Plastics Via Taguchi Method**
Çavuşoğlu İ., Çakır M.
4. Uluslararası Polimerik Kompozitler Sempozyumu ve Sergisi, İzmir, Turkey, 7 - 09 May 2015
- IX. **Internal Customer Satisfaction Via Precaution of Occupational Health and Safety Being Accurately**

Accomplished While Manufacturing End Product Made of Glass Fiber Reinforced Polymer by Means of Integrated Management

Çavuşoğlu İ., M Numan D.

The 23. International Conference on Production Research, Manila, Philippines, 2 - 06 August 2015

- X. **THE QUALITY IMPROVEMENT PROCESS THROUGH APPLICATION OF MULTI-VARI CHART IN AN AUTOMOTIVE SUPPLIER**
Cavusoglu I., Durakbasa M. N.
International Conference on Production Research - Regional Conference Africa, Europe and the Middle East (ICPR-AEM) / 3rd International Conference on Quality and Innovation in Engineering and Management (QIEM), Cluj-Napoca, Romania, 1 - 05 July 2014, pp.69-72
- XI. **Altı Sigma: Üretim Proseslerinde Neredeyse Hatasız Üretimin Gerçekleştirildiği Kalite Girişimleri**
Durakbaşa M. N., Çavuşoğlu İ., Osanna P. H.
II. Ulusal Kalite Fonksiyon Göçerimi Sempozyumu, İzmir, Turkey, 19 - 21 March 2008, pp.1-10
- XII. **Process performance evaluation and improvement for the quality progress in the industrial manufacturing systems**
Çavuşoğlu İ., Durakbasa M., Osanna P. H.
18th IMEKO World Congress 2006: Metrology for a Sustainable Development, Rio-De-Janeiro, Brazil, 17 - 22 September 2006, vol.3, pp.2427-2428
- XIII. **Ön Kontrolün Tek Taraflı Toleranslarda Kullanımı**
Durakbaşa M. N., Çavuşoğlu İ.
VI. Üretim Araştırmaları Sempozyumu, İstanbul, Turkey, 22 - 23 September 2006, pp.355-364
- XIV. **Sektörel Kalite Standartları ve Entegre Kalite Yönetim Sistemleri**
Durakbaşa M. N., Çavuşoğlu İ.
V. Üretim Araştırmaları Sempozyumu, İstanbul, Turkey, 25 - 27 November 2005, pp.185-190
- XV. **Total Quality Management (TQM) and Process Improvement Methods in The Modern Manufacturing Systems**
Çavuşoğlu İ., Durakbaşa M. N.
III. International Congress of Precision Machining, Vienna, Austria, 18 - 19 October 2005, pp.89-94
- XVI. **Improving Internship Programs in Undergraduate Education With House of Quality**
Yayla A. Y., Çavuşoğlu İ.
11. International Symposium on Quality Function Deployment, İzmir, Turkey, 26 - 30 September 2005, pp.389-398
- XVII. **Product and Process Improvement For Automotive Suppliers in The Modern Quality System**
Durakbaşak M. N., Çavuşoğlu İ.
11. International Symposium on Quality Function Deployment, İzmir, Turkey, 26 - 30 September 2005, pp.129-139
- XVIII. **Teknik Eğitim Fakültesinde Yer Alan Metal Eğitimi Bölüm Programında Yapılan Değişikliklerin Toplam Kalite Yöntemiyle Değerlendirilmesi**
Çavuşoğlu İ., Salman S.
I. Uluslararası Mesleki ve Teknik Eğitim Teknolojileri Kongresi, İstanbul, Turkey, 5 - 07 September 2005, pp.1327-1332
- XIX. **End of Life Management and Recycling of Used Products in The European Industry**
Osanna P. H., Durakbaşa M. N., Tahirova H., Çavuşoğlu İ.
Technika Ochrany Prostedria; Medzinarodna Konferencia, Povazhska-Bystrica, Slovakia, 29 June - 01 July 2005, pp.1-7
- XX. **Otomotiv Endüstrisinde Modern Kalite Yönetimi Metotları ile Süreçlerin İzlenmesi ve Optimizasyonu**
Durakbaşa M. N., Çavuşoğlu İ.
IX. Otomotiv ve Yan Sanayi Sempozyumu, Bursa, Turkey, 27 - 28 May 2005, pp.200-204
- XXI. **Üretim Süreçlerinde Etkin bir Kalite Yönetimi için Kullanılan Kalite Fonksiyon Yayılımı (QFD) Tekniği**
Durakbaşa M. N., Çavuşoğlu İ.
Malzeme Bilimi ve Üretim Yöntemleri Sempozyumu, İzmir, Turkey, 15 - 17 October 2003, pp.342-347
- XXII. **Endüstriyel İşletmelerde Gelişen Teknolojiler ve ISO 9000:2000 Standartları ile Kalite Yönetimi Sistemlerinde Proses Modeli Yaklaşımı**

Durakbařa M. N., avuřođlu İ.

II. Makine Malzemesi ve İmalat Teknolojisi Sempozyumu, Manisa, Turkey, 07 November 2001 - 09 November 2019,
pp.465-472

Metrics

Publication: 26

Citation (WoS): 4

Citation (Scopus): 9

H-Index (WoS): 1

H-Index (Scopus): 2

Scholarships

Investigations of Functional Product Features On Precised Machined Glass Fiber Reinforced Composite Workpieces in the Frame of Geometrical Product Specification and Verification-GPS, TUBITAK, 2015 - 2016

Non Academic Experience

Vienna University of Technology

VİYANA TEKNİK ÜNİVERSİTESİ