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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Dogu Akdeniz Üniversitesi, Mühendislik Fakültesi, Makina Mühendisliği, Kıbrıs (Kktc) 2007 - 2014

Yüksek Lisans, Tahran Üniversitesi, Mühendislik Fakültesi, Makina Mühendisliği, İran 2002 - 2005

Lisans, Tahran Üniversitesi, Mühendislik Fakültesi, Makina Mühendisliği, İran 1998 - 2002

Yabancı Diller

Azerice, C1 İleri

Arapça, B2 Orta Üstü

Farsca, C1 İleri

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, A Novel Competency-Based Ontology for Enterprise Knowledge Management , Dogu Akdeniz Üniversitesi, 2013

Yüksek Lisans, Simulation and analysis of forward extrusion process using FE method and experimental methods (In English), Khaje Nasir-Eddin Tosi (K.N.T) University Of Technology, Manufacturing Systems, 2005

Araştırma Alanları

Makina Mühendisliği, Konstrüksiyon ve İmalat, Bilgisayar Destekli Tasarım ve İmalat, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Öğretim Görevlisi, Hacettepe Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2014 - Devam Ediyor

Okutman, Tebriz Azad Üniversitesi, 2005 - 2007

Yönetilen Tezler

VATANKHAH BARENJI R., On a novel internet-based interface for plugging process of embedded devices with multi-agent system, Doktora, A.Vatankhah(Öğrenci), Devam Ediyor

VATANKHAH BARENJI R., Experimental Investigations on the Mechanical Properties and Microstructure of A7020 Surface Formed by FSP, Doktora, A.Rahimzadeh(Öğrenci), Devam Ediyor

VATANKHAH BARENJI R., GRİ KURT OPTİMİZASYONU ALGOTİTMASINA DAYALI BİR RÜZGAR/FOTOVOLTAİK/YAKIT

HÜCRELİ HİBRİT SİSTEMİN OPTİMAL BÜYÜKLÜKTEKİ TASARIMI, Yüksek Lisans, I.ASGHARI(Öğrenci), 2018
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VATANKHAH BARENJI R., An RFID-Based Distributed Control System for Flexible Manufacturing System, Yüksek Lisans, A.Vatankhah(Öğrenci), 2013
VATANKHAH BARENJI R., An Automated Guided Vehicle (AGV) in Sprinkler Irrigation, Yüksek Lisans, S.Jafari(Öğrenci), 2012
VATANKHAH BARENJI R., Design of a Capability-Based Information and Knowledge Model for a Manufacturing System: Case Study EMU CIM Lab, Yüksek Lisans, A.Akbar(Öğrenci), 2012

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Process sequencing for a pick-and-place robot in a real-life flexible robotic cell**
Nejad M. G. , Shavarani S. M. , Guden H. , VATANKHAH BARENJI R.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, cilt.103, ss.3613-3627, 2019 (SCI İndekslerine Giren Dergi)
- II. **Effect of tool pin profile on the microstructure and mechanical properties of friction stir processed Al6061/Al203-TiB2 surface hybrid composite layer**
Khojastehnezhad V. M. , Pourasl H. H. , VATANKHAH BARENJI R.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS, cilt.233, ss.900-912, 2019 (SCI İndekslerine Giren Dergi)
- III. **Underwater dissimilar friction stir welding of aluminum alloys: Elucidating the grain size and hardness of the joints**
Bijanrostami K., VATANKHAH BARENJI R.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS, cilt.233, ss.763-775, 2019 (SCI İndekslerine Giren Dergi)
- IV. **The origin of the maximum hardness of the friction stir welded single-phase Cu-Zn plates: RSM, EBSD, and TEM investigation**
Heidarzadeh A., Motaleb-nejad P., VATANKHAH BARENJI R., Khalili V., GÜLERYÜZ G.
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- VI. **Optimally sized design of a wind/photovoltaic/fuel cell off-grid hybrid energy system by modified-gray wolf optimization algorithm**
VATANKHAH BARENJI R., Nejad M. G. , Asghari I.
ENERGY & ENVIRONMENT, cilt.29, ss.1053-1070, 2018 (SSCI İndekslerine Giren Dergi)
- VII. **Trade-off between process scheduling and production cost in cyclic flexible robotic cells**
Nejad M. G. , Shavarani S. M. , Vizvari B., VATANKHAH BARENJI R.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, cilt.96, ss.1081-1091, 2018 (SCI İndekslerine Giren Dergi)
- VIII. **An optimization model for cyclic scheduling problem in flexible robotic cells**
Nejad M. G. , Kovacs G., Vizvari B., VATANKHAH BARENJI R.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, cilt.95, ss.3863-3873, 2018 (SCI İndekslerine Giren Dergi)
- IX. **A mathematical model and simulated annealing algorithm for solving the cyclic scheduling problem of a flexible robotic cell**
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ADVANCES IN MECHANICAL ENGINEERING, cilt.10, 2018 (SCI İndekslerine Giren Dergi)

- X. **Effect of reinforcement amount, mold temperature, superheat, and mold thickness on fluidity of in-situ Al-Mg₂Si composites**
VATANKHAH BARENJI R.
CHINA FOUNDRY, cilt.15, ss.66-74, 2018 (SCI İndekslerine Giren Dergi)
- XI. **Quantifying the advantage of a kitting system using Petri nets: a case study in Turkey, modeling, analysis, and insights**
VATANKHAH BARENJI R., YÜKSEL ÖZKAYA B., Barenji A. V.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, cilt.93, ss.3677-3691, 2017 (SCI İndekslerine Giren Dergi)
- XII. **Improving multi-agent manufacturing control system by indirect communication based on ant agents**
Barenji A. V. , VATANKHAH BARENJI R.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART I-JOURNAL OF SYSTEMS AND CONTROL ENGINEERING, cilt.231, ss.447-458, 2017 (SCI İndekslerine Giren Dergi)
- XIII. **A dynamic multi-agent-based scheduling approach for SMEs**
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INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, cilt.89, ss.3123-3137, 2017 (SCI İndekslerine Giren Dergi)
- XIV. **TS-04631394 Elucidating the effect of electrical discharge machining parameters on the surface roughness of AISI D6 tool steel using response surface method**
Pourasl H. H. , VATANKHAH BARENJI R., Khojastehnezhad V. M.
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- XV. **Effect of Traverse and Rotational Speeds on the Tensile Behavior of the Underwater Dissimilar Friction Stir Welded Aluminum Alloys**
Bijanrostami K., VATANKHAH BARENJI R., Hashemipour M.
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, cilt.26, ss.909-920, 2017 (SCI İndekslerine Giren Dergi)
- XVI. **Microstructure and mechanical properties of friction stir welded thick pure copper plates**
Azizi A., Barenji R. V. , VATANKHAH BARENJI R., Hashemipour M.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, cilt.86, ss.1985-1995, 2016 (SCI İndekslerine Giren Dergi)
- XVII. **Electrical discharge machining of the AISI D6 tool steel: Prediction and modeling of the material removal rate and tool wear ratio**
VATANKHAH BARENJI R., Pourasl H. H. , Khojastehnezhad V. M.
PRECISION ENGINEERING-JOURNAL OF THE INTERNATIONAL SOCIETIES FOR PRECISION ENGINEERING AND NANOTECHNOLOGY, cilt.45, ss.435-444, 2016 (SCI İndekslerine Giren Dergi)
- XVIII. **Influence of heat input conditions on microstructure evolution and mechanical properties of friction stir welded pure copper joints**
Barenji R.
TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS, cilt.69, ss.1077-1085, 2016 (SCI İndekslerine Giren Dergi)
- XIX. **Wear properties of Al-Al₂O₃/TiB₂ surface hybrid composite layer prepared by friction stir process**
Barenji R., Khojastehnezhad V. M. , Pourasl H. H. , Rabiezhadeh A.
JOURNAL OF COMPOSITE MATERIALS, cilt.50, ss.1457-1466, 2016 (SCI İndekslerine Giren Dergi)
- XX. **Effect of tool traverse speed on microstructure and mechanical performance of friction stir welded 7020 aluminum alloy**
Barenji R.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS, cilt.230, ss.663-673, 2016 (SCI İndekslerine Giren Dergi)
- XXI. **Flexible testing platform for employment of RFID-enabled multi-agent system on flexible assembly line**
Barenji A. V. , Barenji R. V. , Hashemipour M.

- Advances in Engineering Software, cilt.91, ss.1-11, 2016 (SCI İndekslerine Giren Dergi)
- XXII. **Elucidating of tool rotational speed in friction stir welding of 7020-T6 aluminum alloy**
GOLEZANI A. S. , Barenji R. V. , HEIDARZADEH A., POURALIAKBAR H.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, cilt.81, ss.1155-1164, 2015 (SCI İndekslerine Giren Dergi)
- XXIII. **Introducing natural hydroxyapatite-diopside (NHA-Di) nano-bioceramic coating**
KHANDAN A., ABDELLAHI M., Barenji R. V. , OZADA N., KARAMIAN E.
CERAMICS INTERNATIONAL, cilt.41, ss.12355-12363, 2015 (SCI İndekslerine Giren Dergi)
- XXIV. **Tensile Properties of Friction Stir Welds of AA 7020 Aluminum Alloy**
Heidarzadeh A., Barenji R. V. , Esmaily M., Ilkhichi A. R.
TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS, cilt.68, ss.757-767, 2015 (SCI İndekslerine Giren Dergi)
- XXV. **Mechanical activation process for self-propagation high-temperature synthesis of ceramic-based composites**
FARHANCHI M., Neysari M., VATANKHAH BARENJI R., HEIDARZADEH A., MOUSAVIAN R. T.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, cilt.122, ss.123-133, 2015 (SCI İndekslerine Giren Dergi)
- XXVI. **A framework for modelling enterprise competencies: from theory to practice in enterprise architecture**
Barenji R., HASHEMIPOUR M., GUERRA-ZUBIAGA D. A.
INTERNATIONAL JOURNAL OF COMPUTER INTEGRATED MANUFACTURING, cilt.28, ss.791-810, 2015 (SCI İndekslerine Giren Dergi)
- XXVII. **Establishing Mathematical Models to Predict Grain Size and Hardness of the Friction Stir-Welded AA 7020 Aluminum Alloy Joints**
ILKHICHI A. R. , SOUFI R., HUSSAIN G., Barenji R. V. , HEIDARZADEH A.
METALLURGICAL AND MATERIALS TRANSACTIONS B-PROCESS METALLURGY AND MATERIALS PROCESSING SCIENCE, cilt.46, ss.357-365, 2015 (SCI İndekslerine Giren Dergi)
- XXVIII. **A multi-agent RFID-enabled distributed control system for a flexible manufacturing shop**
Barenji R., BARENJI A. V. , HASHEMIPOUR M.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, cilt.71, ss.1773-1791, 2014 (SCI İndekslerine Giren Dergi)
- XXIX. **A FRAMEWORK FOR STRUCTURAL MODELLING OF AN RFID-ENABLED INTELLIGENT DISTRIBUTED MANUFACTURING CONTROL SYSTEM**
BARENJI A. V. , Barenji R. V. , HASHEMIPOUR M.
SOUTH AFRICAN JOURNAL OF INDUSTRIAL ENGINEERING, cilt.25, ss.48-66, 2014 (SCI İndekslerine Giren Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **TOWARDS A DIGITAL TWIN FOR CLOUD MANUFACTURING-CASE STUDY**
Ngo D., Guerra-Zubiaga D. A. , Gonzalez-Badillo G., VATANKHAH BARENJI R.
ASMEInternational Mechanical Engineering Congress and Exposition (IMECE2018), Pennsylvania, Amerika Birleşik Devletleri, 9 - 15 Kasım 2018
- II. **Enterprise competency modelling in practice-an exploratory case study**
VATANKHAH BARENJI R., Hashemipour M., Guerra-Zubiaga D. A.
8th International Conference on Digital Enterprise Technology (DET), Stuttgart, Almanya, 25 - 28 Mart 2014, cilt.25, ss.426-430

Atıflar

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