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Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: J-6503-2013

Yoksis Araştırmacı ID: 244587

Eğitim Bilgileri

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

Yüksek Lisans, University of Tehran, Mühendislik Fakültesi, Makina Mühendisliği, İran 2002 - 2005

Lisans, University of Tehran, 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 ALGOTİTİMASINA DAYALI BİR RÜZGAR/FOTOVOLTAİK/YAKIT HÜCRELİ HİBRİT SİSTEMİN OPTİMAL BÜYÜKLÜKTEKİ TASARIMI, Yüksek Lisans, I.ASGHARI(Öğrenci), 2018

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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. **On the development of blockchain-based learning management system as a metacognitive tool to support self-regulation learning in online higher education**
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- II. **Casting fluidity, viscosity, microstructure and tensile properties of aluminum matrix composites with different Mg2Si contents**
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RARE METALS, cilt.41, sa.8, ss.2767-2776, 2022 (SCI-Expanded)
- III. **A blockchain technology based trust system for cloud manufacturing**
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- IV. **Towards Pharma 4.0 in clinical trials: A future-orientated perspective**
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- V. **Process sequencing for a pick-and-place robot in a real-life flexible robotic cell**
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- VI. **Effect of tool pin profile on the microstructure and mechanical properties of friction stir processed Al6061/Al203-TiB2 surface hybrid composite layer**
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- VII. **Underwater dissimilar friction stir welding of aluminum alloys: Elucidating the grain size and hardness of the joints**
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- VIII. **The origin of the maximum hardness of the friction stir welded single-phase Cu-Zn plates: RSM, EBSD, and TEM investigation**
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- IX. **Optimizing the friction stir welding of the highest strength and elongation alpha/beta brass plates to**

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- X. **Optimally sized design of a wind/photovoltaic/fuel cell off-grid hybrid energy system by modified-gray wolf optimization algorithm**
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- XI. **Trade-off between process scheduling and production cost in cyclic flexible robotic cells**
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- XII. **An optimization model for cyclic scheduling problem in flexible robotic cells**
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INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, cilt.95, ss.3863-3873, 2018 (SCI-Expanded)
- XIII. **Effect of reinforcement amount, mold temperature, superheat, and mold thickness on fluidity of in-situ Al-Mg₂Si composites**
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CHINA FOUNDRY, cilt.15, sa.1, ss.66-74, 2018 (SCI-Expanded)
- XIV. **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, sa.1, 2018 (SCI-Expanded)
- XV. **Quantifying the advantage of a kitting system using Petri nets: a case study in Turkey, modeling, analysis, and insights**
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- XVI. **Improving multi-agent manufacturing control system by indirect communication based on ant agents**
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- XVII. **A dynamic multi-agent-based scheduling approach for SMEs**
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- XVIII. **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.
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- XIX. **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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- XX. **Microstructure and mechanical properties of friction stir welded thick pure copper plates**
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- XXI. **Electrical discharge machining of the AISI D6 tool steel: Prediction and modeling of the material removal rate and tool wear ratio**
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- XXII. **Influence of heat input conditions on microstructure evolution and mechanical properties of friction stir welded pure copper joints**
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- XXIII. **Wear properties of Al-Al₂O₃/TiB₂ surface hybrid composite layer prepared by friction stir process**
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- XXIV. **Effect of tool traverse speed on microstructure and mechanical performance of friction stir welded 7020 aluminum alloy**
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- XXV. **Flexible testing platform for employment of RFID-enabled multi-agent system on flexible assembly line**
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Advances in Engineering Software, cilt.91, ss.1-11, 2016 (SCI-Expanded)
- XXVI. **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-Expanded)
- XXVII. **Introducing natural hydroxyapatite-diopside (NHA-Di) nano-bioceramic coating**
KHANDAN A., ABDELLAHI M., Barenji R. V., OZADA N., KARAMIAN E.
CERAMICS INTERNATIONAL, cilt.41, sa.9, ss.12355-12363, 2015 (SCI-Expanded)
- XXVIII. **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, sa.5, ss.757-767, 2015 (SCI-Expanded)
- XXIX. **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, sa.1, ss.123-133, 2015 (SCI-Expanded)
- XXX. **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, sa.8, ss.791-810, 2015 (SCI-Expanded)
- XXXI. **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.
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- XXXII. **A multi-agent RFID-enabled distributed control system for a flexible manufacturing shop**
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- XXXIII. **A FRAMEWORK FOR STRUCTURAL MODELLING OF AN RFID-ENABLED INTELLIGENT DISTRIBUTED MANUFACTURING CONTROL SYSTEM**
BARENJI A. V., Barenji R. V., HASHEMIPOUR M.
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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

Desteklenen Projeler

VATANKHAH BARENJI R., Yükseköğretim Kurumları Destekli Proje, ECBA2016 Konferansı, 2016 - 2020

VATANKHAH BARENJI R., VATANKHAH BARENJİ A., Yükseköğretim Kurumları Destekli Proje, Kitlemel Bireysellestirmedeki Verimli Kaynak Ayrımı İçin Hizmet Odaklı Bir Yapının Tasarlanması, 2015 - 2020

Metrikler

Yayın: 35

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Atıf (Scopus): 232

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H-İndeks (Scopus): 9