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International Researcher IDs

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Publons / Web Of Science ResearcherID: L-2592-2018

Yoksis Researcher ID: 58380

Education Information

Doctorate, University of Florida, College Of Business, Information Systems And Operations Management, United States Of America 2001 - 2006

Postgraduate, University of Florida, College Of Engineering, Electrical And Computer Engineering, United States Of America 1999 - 2000

Undergraduate, Cukurova University, Mühendislik Ve Mimarlık Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, Turkey 1992 - 1997

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Neural Networks Based Metaheuristics for Solving Optimization Problems, University of Florida, Warrington College Of Business, Information Systems And Operations Management, 2006

Research Areas

Social Sciences and Humanities, Management, Production Management, Quantitative Methods, Logistics Management, Production and Service Systems, Industrial Engineering , Optimization Theory and Methods, Production Planning and Control, Scheduling, Project Management, Engineering and Technology

Academic Titles / Tasks

Professor, Cukurova University, İktisadi Ve İdari Bilimler Fakültesi, İşletme Bölümü, 2018 - Continues

Associate Professor, Cukurova University, İktisadi Ve İdari Bilimler Fakültesi, İşletme, 2012 - 2018

Associate Professor, Sabanci University, Faculty Of Engineering And Natural Sciences, Endüstri Mühendisliği, 2011 - 2018

Assistant Professor, Cukurova University, İktisadi Ve İdari Bilimler Fakültesi, İşletme, 2009 - 2012
Lecturer PhD, Cukurova University, İktisadi Ve İdari Bilimler Fakültesi, İşletme Bölümü, 2007 - 2009
Research Assistant, University of Florida, Warrington College Of Business, Information Systems And Operations Management, 2002 - 2006

Academic and Administrative Experience

Cukurova University, Sosyal Bilimler Enstitüsü, 2013 - Continues
Cukurova University, Sosyal Bilimler Enstitüsü, 2013 - Continues
Cukurova University, Sosyal Bilimler Enstitüsü, 2013 - Continues
Cukurova University, İktisadi Ve İdari Bilimler Fakültesi , İşletme, 2012 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Performance analysis of a university hospital blood laboratory via discrete event simulation**
Kadi D., KUVVETLİ Y., ÇOLAK S.
SIMULATION-TRANSACTIONS OF THE SOCIETY FOR MODELING AND SIMULATION INTERNATIONAL, vol.92, no.5, pp.473-484, 2016 (SCI-Expanded)
- II. **Metaheuristic Methods**
Agarwal A., ÇOLAK S., Erenguc S.
HANDBOOK ON PROJECT MANAGEMENT AND SCHEDULING, VOL 1, pp.57-74, 2015 (SCI-Expanded)
- III. **A Neurogenetic approach for the resource-constrained project scheduling problem**
Agarwal A., ÇOLAK S., Erenguc S.
COMPUTERS & OPERATIONS RESEARCH, vol.38, no.1, pp.44-50, 2011 (SCI-Expanded)
- IV. **NeuroGenetic approach for combinatorial optimization: an exploratory analysis**
Agarwal A., ÇOLAK S., Deane J.
ANNALS OF OPERATIONS RESEARCH, vol.174, no.1, pp.185-199, 2010 (SCI-Expanded)
- V. **Heuristics and augmented neural networks for task scheduling with non-identical machines**
Agarwal A., Colak S., JACOB V. S., PIRKUL H.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.175, no.1, pp.296-317, 2006 (SCI-Expanded)
- VI. **Improvement heuristic for the flow-shop scheduling problem: An adaptive-learning approach**
AGARWAL A., Colak S., ERYARSOY E.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.169, no.3, pp.801-815, 2006 (SCI-Expanded)
- VII. **Non-greedy heuristics and augmented neural networks for the open-shop scheduling problem**
Colak S., AGARWAL A.
NAVAL RESEARCH LOGISTICS, vol.52, no.7, pp.631-644, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **Adana Bölgesi'nde Tek Pencere Sistemine Adaptasyon Süreci**
ÇOLAK S., Alatepeli B., Elçiçek Güneş P.
Çukurova Üniversitesi Sosyal Bilimler Enstitüsü Dergisi, vol.24, no.1, pp.98-108, 2018 (Peer-Reviewed Journal)
- II. **Multi-Mode Resource-Constrained Project-Scheduling Problem With Renewable Resources: New Solution Approaches**
ÇOLAK S., Agarwal A., Erenguc S.
Journal of Business & Economics Research (JBER), vol.11, no.11, pp.455-468, 2014 (Peer-Reviewed Journal)
- III. **The Task Scheduling Problem: A NeuroGenetic Approach**
Agarwal A., ÇOLAK S., Deane J., Rakes T.

- Journal of Business & Economics Research (JBER), vol.12, no.4, pp.327-334, 2014 (Peer-Reviewed Journal)
- IV. **Genetik Algoritmalar Yardımı ile Gezgin Satıcı Probleminin Çözümü Üzerine Bir Uygulama**
ÇOLAK S.
Çukurova Üniversitesi Sosyal Bilimler Enstitüsü Dergisi, vol.19, no.3, pp.423-438, 2010 (Peer-Reviewed Journal)
- V. **Dağıtım rotaları optimizasyonu için metasezgisel bir yaklaşım**
ÇOLAK S., GÜLER H.
Gazi Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi, vol.11, no.2, pp.171-190, 2009 (Peer-Reviewed Journal)
- VI. **Dağıtım Rotaları Optimizasyonu İçin Meta Sezgisel Bir Yaklaşım**
ÇOLAK S., GÜLER H.
Gazi Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi, vol.11, no.2, pp.171-189, 2009 (Scopus)

Books & Book Chapters

- I. **Metaheuristic Methods**
Agarwal A., ÇOLAK S., Erenguc S.
in: Handbook on Project Management and Scheduling Vol.1, Christoph Schwindt, Jürgen Zimmermann, Editor, Springer, New York, pp.57-74, 2015
- II. **Metaheuristic Methods**
ANURAG A., ÇOLAK S., ERENGUC S.
in: Handbook on Project Management and Scheduling, Jürgen Zimmermann and Schwindt, Christoph, Editor, Springer, pp.57-74, 2015
- III. **Resource Constrained Project Scheduling: a Hybrid Neural Approach**
ÇOLAK S., Agarwal A., Erenguc S.
in: Perspectives in Modern Project Scheduling, Joanna Jozefowska and Jan Weglarz , Editor, Springer, New York, pp.297-318, 2006

Refereed Congress / Symposium Publications in Proceedings

- I. **TÜRKİYE MOBİLYA ENDÜSTRİSİNDE BİLGİSAYAR TÜMLEŞİK İMALATININ UYGULAMALARI**
RADAVUŞ H. A., ÇOLAK S., TÜFEKLİ Y.
3. ULUSAL MOBİLYA KONGRESİ, Konya, Turkey, 10 - 12 April 2015, pp.42

Supported Projects

- TANIR F., ÖZTAŞ S., ZENGİN F., BAYAT A., BAŞIBÜYÜK M., URAL S., KILIÇ A. M., OKUR Z., SABIR E. C., ÇOLAK S., et al., Project Supported by Higher Education Institutions, ÇUKUROVA ÜNİVERSİTESİ İŞ SAĞLIĞI ve GÜVENLİĞİ YÖNETİM SİSTEMİ OTOMASYON YAZILIMI, 2017 - 2021
- ÇOLAK S., ALATEPELİ B., ELÇİÇEK GÜNEŞ P., Project Supported by Higher Education Institutions, Gümrüklerde Otomasyon Sistemlerine Adaptasyon Sürecinin Faktör Analizi İle Değerlendirilmesi, 2018 - 2019
- FİSUNOĞLU H. M., ÇOLAK S., TEKİN İ., BURGAÇ A., BERBEROĞLU S., ORANSAY G., Project Supported by Higher Education Institutions, RIS3 Adana Sanayi Rekabet Gücü Analizi, 2017 - 2018
- ÇOLAK S., Project Supported by Higher Education Institutions, Kuyruk Teorisi Tabanlı Simulasyon: Bir Üniversite Tıp Fakültesine Ait Hastane Merkez Laboratuvarında Bir Uygulama (Queuing Theory Based Simulation: An Application In A Hospital Central Laboratory Of A University Medical Faculty), 2013 - 2014
- ÇOLAK S., TUBITAK Project, Araç Rotalama Problemine NöroGenetik Yaklaşım, 2008 - 2009

Scientific Refereeing

Computers & Operations Research, SCI Journal, January 2014
Computers & Industrial Engineering, SCI Journal, July 2013
European Journal of Operational Research, SCI Journal, April 2013
Endüstri Mühendisliği Dergisi, National Scientific Refreed Journal, February 2013
Decision Sciences, SCI Journal, January 2012
Applied Mathematics and Computation, National Scientific Refreed Journal, April 2011
Gazi University Journal of Science, Other Indexed Journal, March 2011
Information Technology and Management, SCI Journal, June 2010
Journal Operational Research: An International Journal, SCI Journal, April 2010
Information Sciences, Other Indexed Journal, April 2009

Metrics

Publication: 17
Citation (WoS): 145
Citation (Scopus): 192
H-Index (WoS): 5
H-Index (Scopus): 5

Non Academic Experience

Non-profit Organisation, Türkiye Odalar Ve Borsalar Birliği