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International Researcher IDs

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Publons / Web Of Science ResearcherID: P-6133-2019

ScopusID: 23090108500

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Education Information

Postgraduate, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Endüstri Mühendisliği Bölümü, Turkey
1994 - 1997

Undergraduate, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Endüstri Mühendisliği Bölümü, Turkey
1990 - 1994

Research Areas

Production Management, Healthcare Administration, Health Management, Management of Enterprises, Management Information Systems, Entrepreneurship and Innovation Management, Informatics, Cognitive Science, Software Management, Information Technologies, Industrial Engineering , Multiobjective Optimization, Heuristic Methods, Simulation, Simulation Optimization, Discrete Simulation, Production Planning and Control, Inventory Systems, Scheduling, Modelling and Analysis of Production Systems , Service Systems Modeling and Analysis, Technology and Innovation Management, Decision Theory, Multi Criteria Decision Making, Decision Support Systems, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Endüstri Müh.Böl., 2011 - Continues

Assistant Professor, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Endüstri Müh.Böl., 2009 - 2011

Research Assistant, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Endüstri Müh.Böl., 1995 - 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A mobile application based on multi-criteria decision-making methods for underground mining method selection**
İPHAR M., ALPAY Ş.
INTERNATIONAL JOURNAL OF MINING RECLAMATION AND ENVIRONMENT, vol.33, no.7, pp.480-504, 2019 (SCI-Expanded)
- II. **Equipment selection based on two different fuzzy multi criteria decision making methods: Fuzzy**

TOPSIS and fuzzy VIKOR

ALPAY Ş., İPHAR M.

OPEN GEOSCIENCES, vol.10, no.1, pp.661-677, 2018 (SCI-Expanded)

III. A metaheuristic approach for a cubic cell formation problem

BURUK ŞAHİN Y., ALPAY Ş.

EXPERT SYSTEMS WITH APPLICATIONS, vol.65, pp.40-51, 2016 (SCI-Expanded)

IV. Underground mining method selection by decision making tools

ALPAY Ş., YAVUZ M.

TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY, vol.24, no.2, pp.173-184, 2009 (SCI-Expanded)

V. GRASP with path relinking for a multiple objective sequencing problem for a mixed-model assembly line

ALPAY Ş.

INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.47, no.21, pp.6001-6017, 2009 (SCI-Expanded)

VI. Dynamic job shop scheduling for missed due date performance

ALPAY Ş., Yuzugullu N.

INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.47, no.15, pp.4047-4062, 2009 (SCI-Expanded)

Articles Published in Other Journals

I. TEKNOLOJİK GELİŞMELER IŞIĞINDA ENDÜSTRİ MÜHENDİSLİĞİNİN GELECEĞİ

Aktar Demirtaş E., Sağır M., Alpay Ş., Özkan N. F., Hasgöl S., Sipahioğlu A.

Eskişehir Osmangazi Üniversitesi mühendislik ve mimarlık fakültesi dergisi (online), vol.31, no.4, pp.1094-1111, 2023 (Peer-Reviewed Journal)

II. A New Mathematical Model for the Integrated Solution of Cell Formation and Part Scheduling Problem

BURUK ŞAHİN Y., ALPAY Ş.

GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.32, no.4, pp.1196-1210, 2019 (ESCI)

III. A decision support system for underground mining method selection

ALPAY Ş., YAVUZ M.

Lecture Notes In Computer Science, vol.4570, pp.334, 2007 (Scopus)

Books & Book Chapters

I. İş Süreçleri Yönetimi

Alpay Ş.

Anadolu Yayınları, Eskişehir, 2021

Refereed Congress / Symposium Publications in Proceedings

I. E-ticaret Sektöründe Müşteri Kaybının Yapay Öğrenme Teknikleri ile Tahminlenmesi

Yazır K., Alpay Ş.

2nd. GLOBAL CONFERENCE on ENGINEERING RESEARCH, Balıkesir, Turkey, 7 - 10 October 2022, pp.396-397

II. A New Mathematical Model towards the Integration of CellFormation and Part Scheduling

BURUK ŞAHİN Y., ALPAY Ş.

Global Joint Conference on Industrial Engineeringand Its Application Areas, 14 - 15 July 2016

III. Operators Assignment in Cellular Manufacturing Systems A Review of Recent Applications

BURUK ŞAHİN Y., ALPAY Ş.

Global Joint Conference on Industrial Engineeringand Its Application Areas, İstanbul, Turkey, 14 - 15 July 2016

- IV. **A Computer Program for Underground Mining Method Selection by Using TOPSIS and Yager s Method**
ALPAY Ş., YAVUZ M.
2015 Aachen International Mining Symposium, Aachen, Germany, 27 - 28 May 2015
- V. **UMMSMADM A Computer Program for Underground Mining Method Selection by Multiple Attribute Decision Making Tools**
ALPAY Ş., YAVUZ M.
2010 SME Annual Meeting, PHOENIX, United States Of America, 28 February - 03 March 2010
- VI. **Agent-Based Shop-Floor Control System in a Dynamic Environment**
ALPAY Ş., SARIÇİÇEK İ.
Fifth International Conference on Information Technology: New Generations, IEEE (ITNG2008), 7 - 09 April 2008, pp.414-419
- VII. **A decision support system for underground mining method selection**
ALPAY Ş., YAVUZ M.
20th International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems, Kyoto, Japan, 26 - 29 June 2007, vol.4570, pp.334-335
- VIII. **A study of factors affecting due date predictability for on-time delivery in a dynamic job shop**
ALPAY Ş., YUZUGULLU N.
19th Australian Joint Conference on Artificial Intelligence, Hobart, Australia, 4 - 08 December 2006, vol.4304, pp.1239-1240
- IX. **A Guideline for DSS System for Underground Mining Method Selection**
YAVUZ M., ALPAY Ş.
18th International Mining Congress and Exhibition of Turkey, Antalya, Turkey, 10 - 13 June 2003

Supported Projects

ALPAY Ş., BURUK ŞAHİN Y., Project Supported by Higher Education Institutions, Hücresel İmalat Sistemlerinde Hücre Oluşturma Problemleri için Bir Çözüm Yaklaşımı, 2015 - 2016

ALPAY Ş., Project Supported by Higher Education Institutions, Bir İmalat İşletmesinde Üretim Çizelgeleme Problemi İçin İki Aşamalı Sezgisel Yaklaşım, 2014 - 2015

Metrics

Publication: 19

Citation (WoS): 132

Citation (Scopus): 178

H-Index (WoS): 7

H-Index (Scopus): 7

Non Academic Experience

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