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Publons / Web Of Science ResearcherID: G-1570-2016
Yoksis Researcher ID: 130480

Education Information

Post Doctorate, Arizona State University, Engineering Faculty, Industrial Engineering, United States Of America 2000 - 2001
Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği/Yöneylem Araştırması, Turkey 1994 - 1998
Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği/Yöneylem Araştırması, Turkey 1991 - 1994
Undergraduate, Cukurova University, Mühendislik-Mimarlık Fakültesi, Makina, Turkey 1987 - 1991

Research Areas

Industrial Engineering , Mechanical Engineering, Engineering and Technology

Academic Titles / Tasks

Professor, Cukurova University, Mühendişlik-Mimarlık Fakültesi, Endüstri Mühendisliği, 2015 - Continues
Associate Professor, Cukurova University, Mühendislik Mimarlık Fakültesi, Endüstri Mühendisliği, 2010 - 2015

Advising Theses

KOKANGÜL A., Kauçuk Sektöründe Vulkanizasyon Parametrelerinin Optimizasyonu, Postgraduate, Y.Faruk(Student), 2014
KOKANGÜL A., Bozulabilin Ürünler İçin Miktar Iskontolu Optimum Fiyat Politikalarının Belirlenmesi ve Uygulaması, Postgraduate, C.DAĞSUYU(Student), 2013
KOKANGÜL A., İKİ BOYUTLU STANDART GEOMETRİK YAPILI PARÇALARIN KESİM PROBLEMİNİN ANALİTİK VE GENETİK ALGORİTMA ÇÖZÜMÜ, Postgraduate, D.Hande(Student), 2013
KOKANGÜL A., Yeni Ürün Tasarımında TRIZ ve AHP ile En Uygun Kararın Verilmesi, Postgraduate, A.ABDULVAHİTOĞLU(Student), 2012
KOKANGÜL A., DOĞAL GAZ DAĞITIM VE YERALTI DEPOLAMA FAALİYETLERİNİN OPTİMİZASYONU, Postgraduate, O.SANDALLIOĞLU(Student), 2011
KOKANGÜL A., SAĞLIK SEKTÖRÜNDE TEDARİKÇİ SEÇİMİ VE STOK OPTİMİZASYONU, Doctorate, S.AKCAN(Student), 2010

KOKANGÜL A., SİGORTA PRTFÖY OPTİMİZASYON, Postgraduate, C.YALÇIN(Student), 2010
KOKANGÜL A., TERBİYE İŞLETMELERİ GERME MAKİNELERİNDE PROSES OPTİMİZASYONU, Postgraduate, B.ERDOĞAN(Student), 2008
KOKANGÜL A., SÜREKLİ POLİMERİZASYON İŞLETMELERİNDE ÜRÜN GEÇİŞ MİKTARININ OPTİMİZASYONU, Postgraduate, E.Barış(Student), 2008
KOKANGÜL A., OPTİMUM TEDARİKÇİ SEÇİMİ, Postgraduate, Z.SUSUZ(Student), 2006
KOKANGÜL A., YENİDOĞAN ÜNİTELERİ İÇİN ALET EKİPMAN OPTİMASYONU, Postgraduate, A.DURSOY(Student), 2006

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Investigating the potential of using aquafaba in eggless gluten-free cake production by multicriteria decision-making approach**
Yazıcı G. N., Taşpınar T., Binokay H., Dağsuyu C., Kokangül A., Özer M. S.
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II. **Evaluation of ALSFRS-R Scale with Fuzzy Method in Amyotrophic Lateral Sclerosis**
Gul Koc G., Dagsuyu C., KOKANGÜL A., KOÇ A. F.
NOROPSIKIYATRI ARSIVI-ARCHIVES OF NEUROPSYCHIATRY, vol.59, no.1, pp.54-62, 2022 (SCI-Expanded)

III. **Catheter planning with goal programming method in neonatal intensive care unit**
KOKANGÜL A., Dagsuyu C.
CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, vol.34, no.1, 2022 (SCI-Expanded)

IV. **Integrated process capability and multi-criteria decision-making approach**
Dagsuyu C., POLAT U., KOKANGÜL A.
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V. **Characterization of boronized AISI 1050 steel and optimization of process parameters**
BOZTEPE M. H., BAYRAMOĞLU M., UZAY Ç., Dagsuyu C., KOKANGÜL A., GEREN N.
MATERIALS TESTING, vol.61, no.6, pp.549-553, 2019 (SCI-Expanded)

VI. **Thorax CT Dose Reduction Based on Patient Features: Effect of Patient Characteristics on Image Quality and Effective Dose**
KOC G. G., Koc Z., KANIYEV T., KOKANGÜL A.
HEALTH PHYSICS, vol.116, no.5, pp.736-745, 2019 (SCI-Expanded)

VII. **A new approach for environmental risk assessment**
KOKANGÜL A., Polat U., Dagsuyu C.
HUMAN AND ECOLOGICAL RISK ASSESSMENT, vol.24, no.1, pp.90-104, 2018 (SCI-Expanded)

VIII. **Optimizing nurse capacity in a teaching hospital neonatal intensive care unit**
KOKANGÜL A., Akcan S., NARLI M.
HEALTH CARE MANAGEMENT SCIENCE, vol.20, no.2, pp.276-285, 2017 (SSCI)

IX. **A new approximation for risk assessment using the AHP and Fine Kinney methodologies**
KOKANGÜL A., POLAT U., DAĞSUYU C.
SAFETY SCIENCE, vol.91, pp.24-32, 2017 (SCI-Expanded)

X. **Classical and fuzzy FMEA risk analysis in a sterilization unit**
DAĞSUYU C., GÖÇMEN E., NARLI M., KOKANGÜL A.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.101, pp.286-294, 2016 (SCI-Expanded)

XI. **An asymptotic approach for a semi-Markovian inventory model of type (s, S)**
Khaniyev T., KOKANGÜL A., Aliyev R.
APPLIED STOCHASTIC MODELS IN BUSINESS AND INDUSTRY, vol.29, no.5, pp.439-453, 2013 (SCI-Expanded)

XII. **A NEW APPROXIMATION FOR INVENTORY CONTROL SYSTEM WITH DECISION VARIABLE LEAD-TIME AND STOCHASTIC DEMAND**
Akcan S., KOKANGÜL A.
INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, vol.20, pp.262-272, 2013 (SCI-Expanded)

XIII. **Optimization of passive optical network planning**
KOKANGÜL A., ARI A.
APPLIED MATHEMATICAL MODELLING, vol.35, no.7, pp.3345-3354, 2011 (SCI-Expanded)

XIV. **Statistical Analysis of Patients' Characteristics in Neonatal Intensive Care Units**
KOKANGÜL A., OZKAN A., AKCAN S., OZCAN K., NARLI M.
JOURNAL OF MEDICAL SYSTEMS, vol.34, no.4, pp.471-478, 2010 (SCI-Expanded)

XV. **Optimal control of work-in-process inventory of a two-station production line**
KOKANGÜL A., Khaniyev T., Cochran J. K.
OPTIMAL CONTROL APPLICATIONS & METHODS, vol.31, no.3, pp.201-211, 2010 (SCI-Expanded)

XVI. **Fuzzy programming for optimal product mix decisions based on expanded ABC approach**
KARAKAS E., KOYUNCU M., EROL R., KOKANGÜL A.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.48, no.3, pp.729-744, 2010 (SCI-Expanded)

XVII. **MATHEMATICAL MODELING FOR PREDICTION AND OPTIMIZATION OF TIG WELDING POOL GEOMETRY**
Esme U., KOKANGÜL A., BAYRAMOĞLU M., GEREN N.
METALURGIJA, vol.48, no.2, pp.109-112, 2009 (SCI-Expanded)

XVIII. **Integrated analytical hierarch process and mathematical programming to supplier selection problem with quantity discount**
KOKANGÜL A., SUSUZ Z.
APPLIED MATHEMATICAL MODELLING, vol.33, no.3, pp.1417-1429, 2009 (SCI-Expanded)

XIX. **Asymptotic expansions for the moments of a semi-Markovian random walk with exponential distributed interference of chance**
Khaniyev T., KESEMEN T., Aliyev R., KOKANGÜL A.
STATISTICS & PROBABILITY LETTERS, vol.78, no.6, pp.785-793, 2008 (SCI-Expanded)

Articles Published in Other Journals

I. **Kan Ürünleri Tedarik Zinciri**
KOÇ G. G., KOKANGÜL A.
Phoenix Medical Journal, 2023 (Peer-Reviewed Journal)

II. **Reference Intervals of Hematological Parameters in a Large Sample of Turkish Population from the Cukurova Region of Turkey**
KOÇ A. F., MENZİLETOĞLU YILDIZ Ş. S., GÜVENÇ B., KOKANGÜL A., İŞCAN D.
ERCIYES MEDICAL JOURNAL, vol.44, no.5, pp.473-480, 2022 (ESCI)

III. **VERİ ZARFLAMA ANALİZİ İLE KARAYOLLARI GENEL MÜDÜRLÜĞÜNE BAĞLI BÖLGE MÜDÜRLÜKLERİNİN TRAFİK GÜVENLİĞİ BAKIM-ONARIM HİZMETLERİNİN ETKİNLİĞİNİN ÖLÇÜLMESİ**
Şeker Ö., KOKANGÜL A.
Çukurova Üniversitesi Mühendislik-Mimarlik Fakültesi Dergisi, 2020 (Peer-Reviewed Journal)

IV. **Determination of the Importance of Early Warning Scoring Parameters for Newborns Babies with MultiCriteria Decision Making Technique**
KOKANGÜL A., DAĞSUYU C., NARLI M., NARLI N.
International Journal of Management and Applied Science, vol.4, no.9, pp.49-52, 2018 (Peer-Reviewed Journal)

V. **Determination of Catheter Plan with Genetic Algorithm model in Neonatal Intensive Care Unit**
DAĞSUYU C., KOKANGÜL A.
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VI. **Neuroergonomic methods used in mental workload and vigilance**
Koc G. G., KOKANGÜL A.
CUKUROVA MEDICAL JOURNAL, vol.43, pp.295-300, 2018 (ESCI)

VII. **Determining Expected Value and Variance of Demand for Safety Stock Level under Random Parameters**
AKCAN S., KHANIYEV T., KOKANGÜL A., GÜLDEŞ M.
Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.13, no.2, pp.393-399, 2017 (Peer-Reviewed Journal)

VIII. **AHP WRA Bütünleşik Yöntemi Kullanılarak Mobilya SektöründeMüşteri Şikayetlerinin Değerlendirilmesi**
DAĞSUYU C., DERE e. b., KOKANGÜL A.
Çukurova Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, vol.31, no.2, pp.129-137, 2016 (Peer-Reviewed Journal)

IX. **Mortality Rate Pre-assessment Based on Trips Score**
DAĞSUYU C., NARLI M., KOKANGÜL A., NARLI N.
British Journal of Medicine & Medical Research, vol.17, no.10, pp.1-10, 2016 (Peer-Reviewed Journal)

X. **Mortality Rate Pre assessment Based on Trips Score**
DAĞSUYU C., NARLI M., KOKANGÜL A., NARLI N.
British Journal of Medicine and Medical Research, vol.17, no.10, pp.1-10, 2016 (Peer-Reviewed Journal)

XI. **A New Approach to Fine Kinney Method and an Implementation Study**
OTURAKÇI M., DAĞSUYU C., KOKANGÜL A.
Alphanumeric Journal, vol.3, no.2, pp.83-92, 2015 (Peer-Reviewed Journal)

XII. **Cukurova University School of Medicine Organization Chart-Optimization and Simulation: Preliminary Step**
Koc F., Koc G. G., KOKANGÜL A.
CUKUROVA MEDICAL JOURNAL, vol.40, no.3, pp.547-554, 2015 (ESCI)

XIII. **Stochastic approximations for optimal buffer capacity of many station production lines**
Jeffery K C., KOKANGÜL A., HANALİOĞLU T.
International Journal of Mathematics in Operational Research, vol.1, pp.211, 2009 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

I. **ÇOKLU STOK SINIFLANDIRMASINA DAYALI DEPO YERLEŞİMİ**
DAĞSUYU C., ÇELİKCAN Ş., KOKANGÜL A., Pesen E.
2.ULUSLARARASI MÜHENDİSLİK VE MİMARLIK KONGRESİ, İstanbul, Turkey, 20 - 21 June 2021

II. **Optimal planning of catheter administration sequence using MDPs in the neonatal intensive care unit**
DAĞSUYU C., Erenay F. S., KOKANGÜL A., NARLI N.
2021 Canadian Operational Research Society (CORS) Annual Conference, Canada, 7 - 10 June 2021

III. **İş Kazaları ve Saha Denetim Sonuçlarının Risk Değerlendirme Sürecinde Kullanımı**
POLAT U., KOKANGÜL A.
5. Uluslararası İş Güvenliği ve Çalışan Sağlığı Kongresi - 2. Çevre Mühendisliği Kaynak Geri Kazanımı Uluslararası Kongresi, İstanbul, Turkey, 12 - 13 December 2019, pp.548-555

IV. **Çok Kriterli Risk Değerlendirme Yaklaşımı İçin Tehlikelerin AHP Yöntemi İle Analizi**
POLAT U., KOKANGÜL A.
5. Uluslararası İş Güvenliği ve Çalışan Sağlığı Kongresi - 2. Çevre Mühendisliği Kaynak Geri Kazanımı Uluslararası Kongresi, İstanbul, Turkey, 12 - 13 December 2019, pp.540-547

V. **Proses Yetkinlik İndeksi ile Hava Kirliliğinin Nox ve Co Açısından Belirlenmesi**
DAĞSUYU C., Koç G. G., ÇELİKCAN Ş., KOKANGÜL A.
39. Yöneylem Araştırması/ Endüstri Mühendisliği Kongresi, Ankara, Turkey, 12 - 14 June 2019, pp.77

VI. **Optimization of Transport Vehicles based on Logistic 4.0 in Production Companies**
DAĞSUYU C., Aslan İ. A., KOKANGÜL A.
ICAII4.0 - International Conference on Artificial Intelligence towards Industry 4.0, 15 - 17 November 2018, pp.57

VII. **Estimation of Surfactant Requirement in Newborn Care Units ByTime Series Method**
NARLI M., DAĞSUYU C., KOKANGÜL A.

3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), 24 - 26 October 2018, pp.1352

VIII. **Yedek Parça Seçiminde AHP-TOPSIS Uygulaması**
ÇELİKCAN Ş., DAĞSUYU C., KOKANGÜL A.
3rd International Mediterranean Science and Engineering Congress, Adana, Turkey, 24 - 26 October 2018, pp.1494-1499

IX. **Determination of Catheter Plan with Genetic Algorithm Model in Neonatal Intensive Care Unit**
KOKANGÜL A., DAĞSUYU C.
Iserd 121 St InternationalConference International Conference on Medical and Health Sciences, Toronto, Canada, 28 - 29 June 2018, pp.23-25

X. **Çoklu stok sınıflandırması ve uygulama çalışması**
DAĞSUYU C., ÇELİKCAN Ş., KOKANGÜL A.
38. Yöneylem Araştırması Endüstri Mühendisliğii Kongresi, Eskişehir, Turkey, 26 - 29 June 2018, pp.67

XI. **Determination Of Th eImportance Of Early Warning Scoring Parameters For Newborns Babies With MultiCriteria Decision Making Technique**
KOKANGÜL A., NARLI M., DAĞSUYU C., NARLI N.
Bildiri, Iserd 121 St InternationalConference International Conference On Medical And Health Sciences, 28 - 29 June 2018

XII. **Socio-Economic Environmental Relation in Asbeste-Related Mesothelioma**
Koç G. G., Yıldırım N., HANTA İ., KOKANGÜL A.
International Congress of Health and Environment, 23 - 25 November 2017

XIII. **Risk Analysis of Hospital Infection AHP and TOPSIS Method**
Tolu A., Koç G. G., KOKANGÜL A.
International Congress of Health and Environment, 23 - 25 November 2017

XIV. **Solunum Yetmezlikli Hastalarda Yoğun Bakım Yatış Süresi ve Mortalitenin Belirlenmesinde Lojistik Regresyon ve YapaySinir Ağlarının karşılaştırılması**
ÖZCENGİZ D., Söğüt Akdağ D., ılgınel m., GÜLEÇ E., KOKANGÜL A., DAĞSUYU C.
18. ulusal yoğun bakım kongresi, Turkey, 6 - 10 April 2016

XV. **Radyoloji Biriminde Hata Türü ve Etkileri Analizi Yöntemi ile Risk Değerlendirme**
DAĞSUYU C., NARLI M., KOKANGÜL A.
35. Ulusal Yöneylem Araştırması ve Endüstri Mühendisliği Kongresi, Ankara, Turkey, 9 - 11 September 2015, pp.144

XVI. **Calculating Safety Stock Level for a ResearchHospital**
AKCAN S., KHANIYEV T., KOKANGÜL A.
World Academy of Science, Engineering and Technology, Amsterdam, Netherlands, 15 - 16 May 2013, vol.77, pp.852

XVII. **A Single Item Continuous Review Inventory System with Decision Variable Lead Time and Stochastic Demand**
AKCAN S., KOKANGÜL A.
Proceedings of the 2012 International Conference on Industrial Engineering and Operations Management, İstanbul, Turkey, 3 - 06 July 2012

XVIII. **Calculation of Reorder Point Level under Stochastic Parameters A Case Study inHealthcare Area**
AKCAN S., KOKANGÜL A.
WASET, Zürich, Switzerland, 15 - 17 January 2012, vol.61, pp.330-333

XIX. **Asymptotic approach for the renewal reward processes and its applications to the stock control theory**
KHANİYEV T., ALİYEV R., KOKANGÜL A., ATALAY K. D., HANALİOĞLU Z.
6th International Symposium on Intelligent and Manufacturing Systems, 14 - 17 October 2008

XX. **Üçgensel müdahaleli ödüllü yenileme sürecinin momentleri için asimptotik açılımlar**
KHANİYEV T., KOKANGÜL A., ALİYEV R., HANALİOĞLU Z.
5.Ulusal İstatistik Kongresi, Turkey, 20 - 24 May 2007

Supported Projects

GÜZEL E., HALEFOĞLU Y. Z., KILINÇ MİRDALI N., KOKANGÜL A., KORKUT Ö., Project Supported by Higher Education Institutions, Çukurova Üniversitesindeki Öğrenci ve Öğretim Elemanlarına Girişimcilik Sertifikası kazandırılması, 2016 - 2019
KOKANGÜL A., POLAT U., Project Supported by Higher Education Institutions, İş kazaları saha denetimleri güvensiz davranış ölçümleri ve uzman görüşüne dayalı yeni bir risk değerlendirme yaklaşımı, 2016 - 2017
KOKANGÜL A., Project Supported by Higher Education Institutions, Risk analizinde yeni bir yaklaşım, 2015 - 2016
KOKANGÜL A., Project Supported by Other Official Institutions, İş Etüdü ve İş Gücü Planlaması, 2004 - 2004
KOKANGÜL A., Project Supported by Other Official Institutions, SWOT (Strengths, weaknesses, Opportunities and Threats) Analizi, 2003 - 2003

Metrics

Publication: 52
Citation (WoS): 321
Citation (Scopus): 408
H-Index (WoS): 7
H-Index (Scopus): 9

Non Academic Experience

TÜBİTAK
OPTİMUM AR-GE Danışmanlık (teknokentte faaliyet göstermektedir)
TÜBİTAK Adana Üniversite ve Sanayi Ortak Araştırma Merkezi
Arizona State Üniversitesi