

Prof. ÖZALP VAYVAY

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: L-5002-2016

ScopusID: 23981321400

Yoksis Researcher ID: 172460

Education Information

Doctorate, Marmara University, Faculty of Engineering, Industrial Engineering, Turkey 1995 - 2000

Postgraduate, Marmara University, Faculty of Engineering, Industrial Engineering, Turkey 1991 - 1993

Undergraduate, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Kimya Mühendisliği Bölümü, Turkey 1982 - 1987

Dissertations

Doctorate, Business process reengineering and an application to shoe manufacturing industry, Marmara Üniversitesi, Faculty of Engineering, Industrial Engineering, 2000

Postgraduate, Forecasting and fleet planning model for THY, Marmara Üniversitesi, Faculty of Engineering, Industrial Engineering, 1994

Research Areas

Social Sciences and Humanities, Engineering and Technology

Academic Titles / Tasks

Professor, Marmara University, Faculty of Business Administration, Business Administration Lectured (English), 2015 - Continues

Academic and Administrative Experience

Fakülte Akademik Kurul Üyesi, Marmara University, Faculty of Business Administration, Business Administration, 2015 - Continues

Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Mühendislik Yönetimi (Dr), 2004 - Continues

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Marmara University, Faculty of Business Administration, Business Administration, 2014 - 2017

Enstitü Yönetim Kurulu Üyesi, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, 2010 - 2013

Deputy Head of Department, Marmara University, Faculty of Engineering, Industrial Engineering, 2002 - 2004

Advising Theses

VAYVAY Ö., Supply chain reengineering via service oriented architecture in healthcare supply chain in turkey, Doctorate, S.Nezihe(Student), 2010

VAYVAY Ö., Hybprid fuzzy/grey and anfis approaches to bullwhip effect in supply chains, Postgraduate, H.Tozan(Student), 2009

VAYVAY Ö., Effects of job evaluation analysis on Company's productivity and a case study in manufacturing industry, Postgraduate, M.Küçük(Student), 2007

VAYVAY Ö., Analysis of relationship between ergonomics and quality: application of quality improvement through ergonomics in manufacturing industry, Postgraduate, O.Erdinç(Student), 2006

Jury Memberships

Post Graduate, Post Graduate, Marmara Üniversitesi, May, 2019

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gebze Teknik Üniversitesi, February, 2019

Taught Courses And Trainings

Vayvay Ö., Lojistik ve Tedarik Zinciri Yöneticliği, 2018 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Guest Editorial: New Perspectives on Technology and Innovation Management to Strengthen the Development of Healthcare Organizations and Ecosystems**
Gerdşri N., VAYVAY Ö., Punnakittikashem P., KALENDER Z. T., Thuwajit C., Wongsawa Y.
IEEE Transactions on Engineering Management, vol.70, no.8, pp.2631-2633, 2023 (SCI-Expanded)
- II. **How Do Mobile Wallets Improve Sustainability in Payment Services? A Comprehensive Literature Review**
Hopah E., Vayvay Ö., KALENDER Z. T., Turhan D., Aysuna C.
Sustainability (Switzerland), vol.14, no.24, 2022 (SCI-Expanded)
- III. **Gravitational Intelligent Decision-Making Model at the Fuzzy Front End with Extrinsic Idea Integration by the K-Means Algorithm**
Kurt O. E., Vayvay O.
Systems, vol.10, no.5, 2022 (SSCI)
- IV. **A novel fuzzy framework for technology selection of sustainable wastewater treatment plants based on TODIM methodology in developing urban areas**
Eseoglu G., Yapsakli K., Tozan H., Vayvay O.
SCIENTIFIC REPORTS, vol.12, no.1, 2022 (SCI-Expanded)
- V. **A Systematic Review of Sustainable Fresh Fruit and Vegetable Supply Chains**
Tort Ö., Vayvay Ö., Çobanoğlu E.
Sustainability, vol.14, no.1573, pp.1-43, 2022 (SCI-Expanded)
- VI. **AIRCRAFT MAINTENANCE ROUTING PROBLEM - A LITERATURE SURVEY**
Temucin T., TUZKAYA G., VAYVAY Ö.

PROMET-TRAFFIC & TRANSPORTATION, vol.33, no.4, pp.491-503, 2021 (SCI-Expanded)

VII. Analysis of life expectancy across countries using a decision tree

Karacan I., Sennaroglu B., Vayvay Ö.

Eastern Mediterranean Health Journal, 2019 (SCI-Expanded)

VIII. E-Procurement System and Adoption for SMEs

Bayram S., VAYVAY Ö.

INNOVATIONS IN SMES AND CONDUCTING E-BUSINESS: TECHNOLOGIES, TRENDS AND SOLUTIONS, pp.19-34, 2011 (SSCI)

Articles Published in Other Journals

I. Identifying the Factors Affecting Individual Resistance against Organizational Change

Küçükatalay T., VARDARLIER P., ÖZSÜRÜNÇ R., Vayvay Ö.

Journal of Higher Education Policy and Leadership Studies, vol.4, no.1, pp.120-140, 2023 (Scopus)

II. A mathematical model for personnel task assignment problem and an application for banking sector

Cetin K., TUZKAYA G., VAYVAY Ö.

International Journal of Optimization and Control: Theories and Applications, vol.10, no.2, pp.147-158, 2020 (Scopus)

III. Roof-top Integrated Photovoltaic Assessment for Sustainable Cities

Altıntaş K., Atalay C., Vayvay Ö.

Marmara Business Review, vol.1, no.2, 2016 (Peer-Reviewed Journal)

IV. Renewable Energy for a Sustainable Future

ALTINTAS K., TURK T., VAYVAY Ö.

Marmara Journal of Pure and Applied Sciences, vol.28, no.5, 2016 (Peer-Reviewed Journal)

Books & Book Chapters

I. Humanitarian Supply Chain Management: Extended Literature Review

DAŞCIOĞLU B. G., VAYVAY Ö., KALENDER Z. T.

in: Lecture Notes in Management and Industrial Engineering: Industrial Engineering in the Big Data Era, Calisir, Fethi Cevikcan, Emre Camgoz-Akdağ, Hatice, Editor, Springer, Cham, pp.443-459, 2019

II. The Role of Universities in Industry 4.0 Era: Entrepreneurship and Innovation Perspectives

YAVUZTÜRK H., KALENDER Z. T., VAYVAY Ö.

in: Technological Developments in Industry 4.0 for Business Applications, Luis Ferreira, Nuno Lopes, Nuno Lopes, Goran D. Putnik, Maria Manuela Cruz-Cunha, Paulo Silva Ávila, Editor, IGI Global, pp.3, 2019

III. İnovasyon Yönetimi ve Yeni Ürün Geliştirme

VAYVAY Ö., KALENDER Z. T.

in: Çağdaş Endüstri Mühendisliği, Ercan Öztemel, Editor, PapatyaYayıncılık, pp.285-302, 2019

Refereed Congress / Symposium Publications in Proceedings

I. The impact of successful management of the idea-to-product process on the success of new product development in the pharmaceutical industry

MEŞEPINAR E., VAYVAY Ö., KALENDER Z. T.

9th INTERNATIONAL CONFERENCE ON LEADERSHIP, TECHNOLOGY, INNOVATION AND BUSINESS MANAGEMENT, 12 - 13 November 2019

II. Sustainable Supply Chain Management: A Literature Review

ARIOĞLU AKAN M. Ö., SELAM A. A., VAYVAY Ö.

Supported Projects

Vayvay Ö., Company, Yaş Meyve Sebze Üretiminde Hasat Anına En Yakın Zamanda Paketlemeyi Hedefleyen Yeni Bir Süreç Tasarımı, 2020 - 2021

Activities in Scientific Journals

International journal of advances in engineering and pure sciences (Online), Advisory Committee Member, 2017 - Continues

MANAŦMENT PODNIKOV - Management of Companies, Committee Member, 2015 - Continues

Manufacturing and Industrial Engineering, Committee Member, 2015 - Continues

Memberships / Tasks in Scientific Organizations

Türk Kimya Derneđi, Member, 2016 - Continues, Turkey

Lojistik Derneđi - LODER, Member, 2015 - Continues, Turkey

Scientific Refereeing

IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT, SCI Journal, March 2021

KOSGEB, Marmara University, Turkey, March 2017

Mobility Activity

Erasmus Programme, Lecturing, The Polytechnic Institute of Cávado and Ave (IPCA), Portugal, 2012 - 2012

Metrics

Publication: 124

Citation (WoS): 375

Citation (Scopus): 358

H-Index (WoS): 9

H-Index (Scopus): 11

Awards

Satıcı E., Vayvay Ö., What is Your Organization's IQ? - A Practical Tool to Gauge Enterprise Intelligence, European Conference On Knowledge Management, September 2013