

Asst. Prof. ÖZGEN KARAER

Personal Information

Office Phone: [+90 312 210 2279](tel:+903122102279)

Email: okaraer@metu.edu.tr

Web: <https://avesis.metu.edu.tr/okaraer>

Education Information

Doctorate, Stanford University, Management Science And Engineering, United States Of America 2002 - 2008

Undergraduate, Middle East Technical University, Faculty Of Engineering, Turkey 1999 - 2002

Research Areas

Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Middle East Technical University, Faculty Of Engineering, Department Of Industrial Engineering, 2018 - Continues

Assistant Professor, Middle East Technical University, Faculty Of Engineering, Department Of Industrial Engineering, 2012 - 2018

Courses

Game Theory and Competitive Strategies, Postgraduate, 2020 - 2021

Advising Theses

KARAER Ö., New product introduction incentives for suppliers and a common retailer, Postgraduate, K.Kırcı(Student), 2020

Karaer Ö., SERVICIZING AS AN ALTERNATIVE TO SELLING FOR A DURABLE GOODS MANUFACTURER, Postgraduate, M.Ali(Student), 2019

KARAER Ö., Strategic environmental quality investments in multi-tier supply chains, Postgraduate, P.YALÇIN(Student), 2018

BAKAL İ. S., KARAER Ö., Competition of manufacturers for retailer shelf space, Postgraduate, B.DİLER(Student), 2016

KARAER Ö., Retail location competition under carbon penalty, Postgraduate, H.DİLEK(Student), 2016

KARAER Ö., MULTI-CHANNEL RETAILING WITH PRODUCT DIFFERENTIATION, Postgraduate, H.GÜLÇİN(Student), 2015

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- 1. Servitization as an alternative business model and its implications on product durability, profitability & environmental impact**

Kanath M. A. , KARAER Ö.

European Journal of Operational Research, vol.301, no.2, pp.546-560, 2022 (Journal Indexed in SCI Expanded)

II. Supplier development in a multi-tier supply chain

KARAER Ö., Kraft T., Yalcin P.

IISE TRANSACTIONS, vol.52, no.4, pp.464-477, 2020 (Journal Indexed in SCI)

III. Retail location competition under carbon penalty

Dilek H., KARAER Ö., NADAR E.

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.269, no.1, pp.146-158, 2018 (Journal Indexed in SCI)

IV. Buyer and Nonprofit Levers to Improve Supplier Environmental Performance

KARAER Ö., Kraft T., Khawam J.

PRODUCTION AND OPERATIONS MANAGEMENT, vol.26, no.6, pp.1163-1190, 2017 (Journal Indexed in SCI)

V. Quality and entry deterrence

KARAER Ö., Erhun F.

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.240, no.1, pp.292-303, 2015 (Journal Indexed in SCI)

VI. Managing the reverse channel with RFID-enabled negative demand information

Karaer Ö., Lee H. L.

PRODUCTION AND OPERATIONS MANAGEMENT, vol.16, no.5, pp.625-645, 2007 (Journal Indexed in SCI)

Articles Published in Other Journals

I. MANAGING A RETAIL FASHION PRODUCT WITH RFID-ENABLED INVENTORY VISIBILITY

Karaer Ö.

Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.8, no.2, pp.796-809, 2019 (National Refreed University Journal)

Books & Book Chapters

I. Managing the Chemicals and Substances in Products and Supply Chains

Kraft T., Karaer Ö., Sharpe K.

in: Environmentally Responsible Supply Chains, Atalay Atasü, Editor, Springer, London/Berlin , Basel, pp.313-337, 2016

Refereed Congress / Symposium Publications in Proceedings

I. Strategic Environmental Quality Investment in a Multi-Tier Supply Chain

KARAER Ö., Yalçın P., Kraft T.

INFORMS ANNUAL MEETING 2017, Houston, United States Of America, 22 - 25 October 2017

II. Ürünlerin Perakende Satış Noktasında Raf Yeri İçin Rekabeti

KARAER Ö., Diler B., BAKAL İ. S.

Yöneylem Araştırması ve Endüstri Mühendisliği Konferansı, İzmir, Turkey, 13 - 15 July 2016

III. Retail Channel Management with Product Differentiation

Uğur G., KARAER Ö.

Production and Operations Management Annual Conference, 6 - 09 May 2016

IV. Firm and Nonprofit Levers to Improve Supplier s Environmental Performance

KARAER Ö., Kraft T., Khawam J.

Manufacturing and Service Operations Management, 29 - 30 June 2015

V. Managing a Retail Perishable Product with RFID enabled Inventory Visibility

KARAER Ö.

Proceedings of the International Conference on Operations Research and Enterprise Systems, Lisbon, Portugal,
Portugal, 10 - 12 January 2015

Supported Projects

KARAER Ö., Project Supported by Higher Education Institutions, Hazır Giyim Perakendecileri İçin Rfid Teknolojisinin
Değerinin Araştırılması., 2012 - 2014

Citations

Total Citations (WOS):122

h-index (WOS):5