

## Res. Asst. PhD UMUT ŐENER

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: A-2455-2017

ScopusID: 57191337618

Yoksis Researcher ID: 196875

### Education Information

Doctorate, Middle East Technical University, Graduate School Of Informatics, Information Systems, Turkey 2016 - 2024

Postgraduate, Middle East Technical University, Graduate School Of Informatics, Information Systems, Turkey 2013 - 2016

Undergraduate, Cukurova University, Mühendislik-Mimarlık Fakültesi, Endüstri Mühendisliđi Bölümü, Turkey 2007 - 2012

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Postgraduate, A quality model for cloud-based enterprise information systems, Middle East Technical University, Graduate School of Informatics, Information Systems, 2016

### Academic Titles / Tasks

Research Assistant, Middle East Technical University, Graduate School of Informatics, Information Systems, 2014 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- CLOUD-QM: a quality model for benchmarking cloud-based enterprise information systems**  
ŐENER U., GÖKALP AYDIN E., EREN P. E.  
Software Quality Journal, vol.32, no.3, pp.881-920, 2024 (SCI-Expanded)

### Articles Published in Other Journals

**I. DIGITAL MATURITY INDEX: A QUANTITATIVE METHOD TO INCREASE EFFICIENCY İN ORGANIZATIONS' DIGITAL TRANSFORMATION JOURNEY**

Şener U., Gokalp E., Eren P. E.

Verimlilik Dergisi, vol.0, no.Dijital Dönüşüm ve Verimlilik, pp.17-29, 2022 (Peer-Reviewed Journal)

## **Books & Book Chapters**

**I. Intelligent Digital Transformation Strategy Management: Development of a Measurement Framework**

ŞENER U., GÖKALP AYDIN E., EREN P. E.

in: Intelligent Systems in Digital Transformation, Kahraman Cengiz, Haktanır Elif, Editor, Springer International Publishing, pp.77-93, 2023

**II. Toward A Maturity Model for Industry 4.0: A Systematic Literature Review**

Şener U., Gökalp E., Eren P. E.

in: Industry 4.0 from the MIS Perspective, S. Gülseçen,Z.A. Reis,M. Gezer,Ç. Erol, Editor, Peter Lang Publishing, Inc., Berlin, pp.291-302, 2018

## **Refereed Congress / Symposium Publications in Proceedings**

**I. What Drives Success in Data Science Projects: A Taxonomy of Antecedents**

Gökay G. T., Nazlıel K., Şener U., Gökalp Aydın E., Gökalp M. O., Gençal N., Dağdaş G., Eren P. E.

International Conference on Computing, Intelligence and Data Analytics, ICCIDA 2022, Kocaeli, Turkey, 16 - 17 September 2022, vol.643 LNNS, pp.448-462

**II. Edge Computing Applications in Industrial IoT: A Literature Review**

Bayar A., Şener U., Kayabay K., Eren P. E.

19th International Conference on the Economics of Grids, Clouds, Systems, and Services, GECON 2022, Izola, Slovenia, 13 - 15 September 2022, vol.13430 LNCS, pp.124-131

**III. Determinative Factors of Cloud Computing Adoption in Government Organizations**

Koç B., Şener U., Eren P. E.

3rd International Informatics and Software Engineering Conference (IISEC), Ankara, Turkey, 15 - 16 December 2022, pp.1-6

**IV. Endüstri 4.0 için Olgunluk Modeli: Sistemik Literatür Taraması ve Model Önerisi**

ŞENER U., GÖKALP E., EREN P. E.

The 4th International Management Information Systems Conference (IMISC2017), 17 - 20 October 2017

**V. Development of an Assessment Model for Industry 4.0: Industry 4.0-MM**

Gokalp E., Şener U., Eren P. E.

17th International Conference on Software Process Improvement and Capability Determination (SPICE), Palma de Mallorca, Spain, 4 - 05 October 2017, vol.770, pp.128-142

**VI. ClouDSS: A decision support system for cloud service selection**

ŞENER U., GÖKALP E., EREN P. E.

14th International Conference on the Economics of Grids, Clouds, Systems, and Services, GECON 2017, Biarritz, France, 19 - 21 September 2017, pp.249-261

**VII. Cloud-Based Enterprise Information Systems: Determinants of Adoption in the Context of Organizations**

Şener U., Gokalp E., Eren P. E.

22nd International Conference on Information and Software Technologies (ICIST), Druskininkai, Lithuania, 13 - 15 October 2016, vol.639, pp.53-66

**VIII. Bulut Tabanlı Bilgi Sistemlerinin Benimsenmesini Etkileyen Faktörlerin Değerlendirilmesi**

ŞENER U., GÖKALP E., EREN P. E.

3rd INTERNATIONAL MANAGEMENT INFORMATION SYSTEMS CONFERENCE, 6 - 08 October 2016

## IX. Bulut Tabanlı Kurumsal Bilgi Sistemlerinin Benimsenmesini Etkileyen Faktörlerin Değerlendirilmesi

ŞENER U., GÖKALP E., EREN P. E.

3rd International Management Information Systems Conference, 6 - 08 October 2016

### Supported Projects

KOÇYİĞİT A., ŞENER U., TOPCU A. K., GÖKALP M. O., GÜMÜŞOĞLU A., EREN P. E., AKYOL M. A., KAYABAY K., Project Supported by Higher Education Institutions, Endüstri 4.0 için süreç modelleme tabanlı karar destek sistemi, 2018 - 2020

KOÇYİĞİT A., ŞENER U., TOPCU A. K., GÖKALP M. O., GÜMÜŞOĞLU A., EREN P. E., TILTAK D., AKYOL M. A., KAYABAY K., YANDIK Y. B., Project Supported by Higher Education Institutions, Endüstri 4.0 İçin Özelleştirilmiş Bir Süreç Modelleme ve Yönetim Çatısı, 2017 - 2019

EREN P. E., ŞENER U., GÖKALP M. O., AKYOL M. A., KAYABAY K., KOÇYİĞİT A., Project Supported by Higher Education Institutions, İşletmeler için Büyük Veri ve İş Analitiği Yaklaşımlarının İncelenmesi ve Çözüm Önerisi, 2016 - 2017

EREN P. E., ŞENER U., GÖKALP M. O., AKYOL M. A., KAYABAY K., KOÇYİĞİT A., Project Supported by Higher Education Institutions, Yaygın Bilişim Odaklı Servis Birleştirme Sistemi Tasarımı ve Uygulaması, 2015 - 2017

EREN P. E., ŞENER U., KAYABAY K., KOÇYİĞİT A., Project Supported by Higher Education Institutions, Bulut Tabanlı Kurumsal Yönetim Bilişim Sistemlerinin Kullanımının İncelenmesi, 2016 - 2016

### Metrics

Publication: 13

Citation (WoS): 165

Citation (Scopus): 261

H-Index (WoS): 2

H-Index (Scopus): 4