

Prof. SEVGİ ÖZKAN YILDIRIM

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABA-1153-2020

ScopusID: 56425367800

Yoksis Researcher ID: 163289

Education Information

Doctorate, Middle East Technical University, Graduate School of Informatics, Information Systems, Turkey 2000 - 2006

Postgraduate, University of Cambridge, Engineering, Electrical-Electronics Engineering, United Kingdom 1998 - 2000

Postgraduate, University of London, Business School, Business Information Systems, United Kingdom 1998 - 1999

Undergraduate, University of Cambridge, Engineering, Electrical and Electronics Engineering, United Kingdom 1994 - 1998

Foreign Languages

German, B1 Intermediate

French, A1 Beginner

English, C1 Advanced

Certificates, Courses and Trainings

Other, Teaching and Learning in Higher Education, Higher Education Institute United Kingdom - Brunel University, 2008

Dissertations

Doctorate, PB-ISAM: Process-Based Evaluation of Information Systems, Middle East Technical University, Graduate School of Informatics, Information Systems, 2006

Postgraduate, Pressures Reshaping Businesses, Royal Holloway, University Of London, Yönetim Bilişim Sistemleri, 1999

Research Areas

Management Information Systems, Informatics, Software Management, Information Technologies, Information Security and Reliability

Academic Titles / Tasks

Professor, Middle East Technical University, Graduate School of Informatics, Information Systems, 2017 - Continues
Associate Professor, Middle East Technical University, Graduate School of Informatics, Information Systems, 2011 - 2017
Assistant Professor, Middle East Technical University, Graduate School of Informatics, Information Systems, 2009 - 2011
Assistant Professor, Brunel University, 2007 - 2009
Research Assistant, Middle East Technical University, Graduate School of Informatics, Information Systems, 2000 - 2009

Academic and Administrative Experience

Academic Performance D. Board Member, Middle East Technical University, Graduate School of Informatics, Information Systems, 2021 - Continues
Rektörlük Akademik Teşvik Değerlendirme Komisyonu Üyesi, Middle East Technical University, Graduate School of Informatics, Information Systems, 2021 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Başkanı, Middle East Technical University, Graduate School of Informatics, Information Systems, 2019 - Continues
Head of Department, Middle East Technical University, Graduate School of Informatics, Information Systems, 2019 - 2022
Assistant Director of the Institute, Middle East Technical University, Graduate School of Informatics, 2009 - 2013

Courses

Contemporary Socio-Technical Perspectives In Information Systems, Postgraduate, 2018 - 2019

Advising Theses

Özkan Yıldırım S., Söğüt M., Optimizing football lineup selection using machine learning, Postgraduate, Y.TAYLAN(Student), 2023
Özkan Yıldırım S., Atak A., COMPARISON OF MACHINE LEARNING AND STANDARD CREDIT RISK MODELS' PERFORMANCES IN CREDIT RISK SCORING OF BUY NOW PAY LATER CUSTOMERS, Postgraduate, C.Taş(Student), 2023
Özkan Yıldırım S., Development and validation of a cloud framework for a large scale enterprise in defense industry, Postgraduate, S.SAMET(Student), 2023
Özkan Yıldırım S., Özcan Top Ö., ACCEPTANCE OF SOFTWARE PROCESS IMPROVEMENT MODELS IN SMALL AND MEDIUM SIZED ENTERPRISES: EMPIRICAL FINDINGS OF IT SECTOR IN TURKEY, Doctorate, S.DURMUŞ(Student), 2023
Özkan Yıldırım S., SEVEN STAGE MODEL OF THE SOFT SYSTEM METHODOLOGY FOR SOFTWARE DEVELOPMENT PROCESS, Postgraduate, G.GÜNAYDIN(Student), 2023
Özkan Yıldırım S., Analysis of industry 4.0 technologies' adoption using interpretive structural modelling: Empirical findings from manufacturing sector in Turkey, Postgraduate, Ö.ÖZTÜRK(Student), 2023
Özkan Yıldırım S., Dimension decoupled region proposal network for object detection, Postgraduate, M.CAN(Student), 2023
Özkan Yıldırım S., Industrial adoption of model-based systems engineering: An investigation within the defence industry, Postgraduate, A.BAYRAMOĞLU(Student), 2022
Özkan Yıldırım S., Investigating the factors affecting customer engagement and the influence of customer engagement on brand loyalty in automobile online brand communities, Doctorate, P.BAYRAKTAR(Student), 2022
ÖZKAN YILDIRIM S., Exploring the factors affecting consumer intention to use wearable mobile devices to track health information, Doctorate, T.PANCAR(Student), 2021
ÖZKAN YILDIRIM S., Attitudes of citizens towards IoT-based smart city applications and use: development of an adoption model using structural equation modeling, Doctorate, F.BEŞTEPE(Student), 2021

Özkan Yıldırım S., Which matters more in dual identity online brand communities: Brand vs community commitment, Doctorate, S.ALTINIŞIK(Student), 2020

Özkan Yıldırım S., Salient constructs to enhance the acceptance of wearable medical devices: An exploratory research, Doctorate, M.DEĞERLİ(Student), 2020

Özkan Yıldırım S., Identifying factors affecting auditors' adoption of computer assisted audit tools and techniques (CAATTS): an empirical investigation, Postgraduate, D.DOĞANAY(Student), 2019

Özkan Yıldırım S., The right person to the right job: developing a two-sided matching methodology based on real employee data, Postgraduate, F.MUTLU(Student), 2019

ÖZKAN YILDIRIM S., Identifying factors affecting auditors' adoption of computer assisted audit tools and techniques (caatts): an empirical investigation, Postgraduate, D.Doğanay(Student), 2019

ÖZKAN YILDIRIM S., Soft systems methodology for design process improvement, Postgraduate, B.BAYRAKTAROĞLU(Student), 2018

ÖZKAN YILDIRIM S., TWO STRANDS MODEL OF THE SOFT SYSTEMS IN ACTION: THE CASE OF AN SME IN AUTOMOTIVE COMPONENT AND DEFENSE INDUSTRY, Postgraduate, A.BEGÜM(Student), 2018

ÖZKAN YILDIRIM S., Development of a technology acceptance model for mobile payment systems, Postgraduate, M.ERDEM(Student), 2018

ÖZKAN YILDIRIM S., TEZCAN C., Differential factors and differential cryptanalysis of block cipher pride, Postgraduate, E.DOĞAN(Student), 2017

ÖZKAN YILDIRIM S., Development of a mobile health acceptance model: An empirical investigation on physicians, Doctorate, E.SEZGİN(Student), 2016

ÖZKAN YILDIRIM S., Determining online consumer typologies and their shopping behaviors in B2C e-commerce platforms, Doctorate, F.HUSEYNOV(Student), 2016

ÇAKIR M. P., ÖZKAN YILDIRIM S., Using learning analytics to track learning process in virtual math teams (VMT) online environment, Doctorate, G.AFACAN(Student), 2016

ÖZKAN YILDIRIM S., KAÇAR I. G., A game-based application on english vocabulary acquisition: A case study in the EFL context, Postgraduate, M.AKKUZU(Student), 2015

ÖZKAN YILDIRIM S., Technology acceptance: A meta-analysis of the theoretical models, Postgraduate, A.SEVİM(Student), 2015

ÖZKAN YILDIRIM S., BAYKAL N., Developing and verifying a set of principles for the cyber security of the critical infrastructures of Turkey, Doctorate, B.KARABACAK(Student), 2015

ÖZKAN YILDIRIM S., Identification of factors affecting the e-service adoption: An empirical investigation, Doctorate, Y.ÇETİN(Student), 2014

ÖZKAN YILDIRIM S., YILDIRIM İ. S., A new top-down approach to knowledge management, Doctorate, İ.CENİK(Student), 2014

ÖZKAN YILDIRIM S., How employees intend to continue complying with information systems' security policies : insights from information systems' continuance model, Postgraduate, J.ABED(Student), 2014

YILDIRIM İ. S., ÖZKAN YILDIRIM S., A New top-down approach to knowledge management / , Doctorate, İ.Cenik(Student), 2014

ÖZKAN YILDIRIM S., Detection of malicious web pages, Postgraduate, E.SÜREN(Student), 2014

ÖZKAN YILDIRIM S., Identification of factors affecting the e-service adoption: an empirical investigation / , Doctorate, Y.Çetin(Student), 2014

ÖZKAN YILDIRIM S., Software development in practice: A qualitative study in Turkish Defense Sector, Postgraduate, B.DİLBER(Student), 2013

ÖZKAN YILDIRIM S., The students' perceptions about e-learning in a higher education institution in Turkey, Postgraduate, A.SELMAN(Student), 2013

ÖZKAN YILDIRIM S., A usability study on electronic document management system in Middle East Technical University, Postgraduate, A.KARAGÖZ(Student), 2013

ÖZKAN YILDIRIM S., Assessing the influence of e-commerce item recommender system on user continuance intention for future use of recommender system, Postgraduate, M.SHAHMANZARI(Student), 2013

ÖZKAN YILDIRIM S., A quantitative analysis on the probable factors affecting the success of e-government transformation in Turkey: A study based on the data of internal and external stakeholders, Doctorate,

G.İSKENDER(Student), 2013

ÖZKAN YILDIRIM S., User preference boosted content-based recommender system, Postgraduate, T.ÖZBERK(Student), 2013

ÖZKAN YILDIRIM S., Empirical investigation of internet banking usage in Turkey, Postgraduate, S.DANESHGADEH(Student), 2013

ÖZKAN YILDIRIM S., ÇETİN Y., Organizational adoption of mobile communication technologies, Doctorate, İ.ARPACI(Student), 2013

ÖZKAN YILDIRIM S., Assessing the influence of e-commerce item recommender systems on user continuance intention for future use of recommender system, Postgraduate, M.Shahmanzari(Student), 2013

ÖZKAN YILDIRIM S., Internet based movie genre suggestion model considering demographical information of users, Postgraduate, T.HACALOĞLU(Student), 2013

ÖZKAN YILDIRIM S., The influence of knowledge-based e-commerce product recommender agents on online-consumer decision making process, Postgraduate, F.HUSEYNOV(Student), 2013

ÖZKAN YILDIRIM S., Identifying factors influencing the acceptance of processes: An empirical investigation using the structural equation modeling approach, Postgraduate, M.DEĞERLİ(Student), 2012

ÖZKAN YILDIRIM S., MUMCUOĞLU Ü. E., Analyses of factors affecting acceptance of homecare technologies by patients with chronic diseases, Postgraduate, A.KUTLAY(Student), 2012

ÖZKAN YILDIRIM S., Development and validation of B2C e-commerce adoption model: An empirical investigation using structural equation modeling and interpretative phenomenological analyses, Doctorate, M.ÇAKIR(Student), 2012

ÖZKAN YILDIRIM S., Yıldırım S., Development and validation of B2C e-commerce adoption model : an empirical investigation using structural equation modeling and interpretative phenomenological analysis, Doctorate, M.Çakır(Student), 2012

ÇAKIR M. P., ÖZKAN YILDIRIM S., Usability testing of a family medicine information system, Postgraduate, S.ÖZ(Student), 2012

ÖZKAN YILDIRIM S., Identifying factors influencing the acceptance of processes an empirical investigation using the structural equation modeling approach, Postgraduate, M.Değerli(Student), 2012

ÖZKAN YILDIRIM S., Identifying factors that facilitate the use of multi-purpose smart cards by university students: An empirical investigation, Postgraduate, M.TEKER(Student), 2011

ÖZKAN YILDIRIM S., Development of a multi-dimensional model to evaluate higher education instructors' adoption towards learning management system, Postgraduate, D.FINDIK(Student), 2010

ÖZKAN YILDIRIM S., An analysis of the main critical factors that affect the acceptance of technology in hospital management systems, Postgraduate, C.PEKER(Student), 2010

ÖZKAN YILDIRIM S., Identifying factors that affect students' acceptance of web-based assessment tools within the context of higher education, Postgraduate, N.ALKIŞ(Student), 2010

ÖZKAN YILDIRIM S., BAYKAL N., University ranking by academic performance: A scientometrics study for ranking world universities, Postgraduate, O.ALAŞEHİR(Student), 2010

ÖZKAN YILDIRIM S., ITMEM-Information Technology Management Enhancement Model: Assessment of information technology use in organizations, Postgraduate, E.SEZGİN(Student), 2010

ÖZKAN YILDIRIM S., Identifying the effects of education, activities and skills of information technology (it) senior managers and their impact to the organization in the private sector, Postgraduate, N.Atila(Student), 2009

ÖZKAN YILDIRIM S., E-government adoption model based on theory of planned behavior: Empirical investigation, Postgraduate, İ.EMRAH(Student), 2009

ÖZKAN YILDIRIM S., Multi-dimensional evaluation of e-learning systems in the higher education context: Empirical investigations, Postgraduate, R.KÖSELER(Student), 2009

Designed Lessons

Özkan Yıldırım S., Contemporary Socio-Technical Perspectives In Information Systems, Postgraduate, 2018 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Prediction of Water Level in Lakes by RNN-Based Deep Learning Algorithms to Preserve Sustainability in Changing Climate and Relationship to Microcystin**
Ozdemir S., Ozkan Yildirim S.
SUSTAINABILITY, vol.15, no.22, 2023 (SCI-Expanded)
- II. **Exploring factors affecting consumers' adoption of wearable devices to track health data**
Pancar T., Özkan Yıldırım S.
UNIVERSAL ACCESS IN THE INFORMATION SOCIETY, vol.22, no.2, pp.331-349, 2023 (SCI-Expanded)
- III. **A systematic literature review on lake water level prediction models**
ÖZDEMİR S., Yaqub M., ÖZKAN YILDIRIM S.
Environmental Modelling and Software, vol.163, 2023 (SCI-Expanded)
- IV. **Acceptance of IoT-based and sustainability-oriented smart city services: A mixed methods study**
Beştepe F., Özkan Yıldırım S.
Sustainable Cities and Society, vol.80, 2022 (SCI-Expanded)
- V. **Identifying critical success factors for wearable medical devices: a comprehensive exploration**
Degerli M., Yildirim S.
UNIVERSAL ACCESS IN THE INFORMATION SOCIETY, vol.21, no.1, pp.121-143, 2022 (SCI-Expanded)
- VI. **Online Consumer Typologies and Their Shopping Behaviors in B2C E-Commerce Platforms**
Huseynov F., Yildirim S.
SAGE OPEN, vol.9, no.2, 2019 (SSCI)
- VII. **A Structural Model for Students' Adoption of Learning Management Systems: An Empirical Investigation in the Higher Education Context**
FINDIK COŞKUNÇAY D., Alkis N., ÖZKAN YILDIRIM S.
EDUCATIONAL TECHNOLOGY & SOCIETY, vol.21, no.2, pp.13-27, 2018 (SSCI)
- VIII. **Understanding the perception towards using mHealth applications in practice: Physicians' perspective**
Sezgin E., Ozkan-Yildirim S., Yildirim S.
INFORMATION DEVELOPMENT, vol.34, no.2, pp.182-200, 2018 (SSCI)
- IX. **Investigation of physicians' awareness and use of mHealth apps: A mixed method study**
Sezgin E., Ozkan-Yildirim S., Yildirim S.
HEALTH POLICY AND TECHNOLOGY, vol.6, no.3, pp.251-267, 2017 (SSCI)
- X. **A vulnerability-driven cyber security maturity model for measuring national critical infrastructure protection preparedness**
Karabacak B., Yildirim S., Baykal N.
INTERNATIONAL JOURNAL OF CRITICAL INFRASTRUCTURE PROTECTION, vol.15, pp.47-59, 2016 (SCI-Expanded)
- XI. **Behavioral Issues in B2C E-commerce: The-state-of-the-art**
Huseynov F., ÖZKAN YILDIRIM S.
INFORMATION DEVELOPMENT, vol.32, no.5, pp.1343-1358, 2016 (SSCI)
- XII. **A cross-sectional investigation of acceptance of health information technology: A nationwide survey of community pharmacists in Turkey**
Sezgin E., ÖZKAN YILDIRIM S.
RESEARCH IN SOCIAL & ADMINISTRATIVE PHARMACY, vol.12, no.6, pp.949-965, 2016 (SSCI)
- XIII. **Regulatory approaches for cyber security of critical infrastructures: The case of Turkey**
Karabacak B., Yildirim S., Baykal N.
COMPUTER LAW & SECURITY REVIEW, vol.32, no.3, pp.526-539, 2016 (SSCI)
- XIV. **Internet users' attitudes toward business-to-consumer online shopping: A survey**
Huseynov F., ÖZKAN YILDIRIM S.
INFORMATION DEVELOPMENT, vol.32, no.3, pp.452-465, 2016 (SSCI)
- XV. **The influence of knowledge-based e-commerce product recommender agents on online consumer decision-making**

Huseynov F., Huseynov S. Y., ÖZKAN YILDIRIM S.

INFORMATION DEVELOPMENT, vol.32, no.1, pp.81-90, 2016 (SSCI)

- XVI. **Analysis of success factors in e-government transformation in Turkey: are these factors really the causes of success?**

Iskender G., ÖZKAN YILDIRIM S.

INFORMATION DEVELOPMENT, vol.31, no.4, pp.323-332, 2015 (SSCI)

- XVII. **A model for instructors' adoption of learning management systems: Empirical Validation in higher education context**

Findik Coşkunçay D., Özkan S.

Turkish Online Journal of Educational Technology, vol.12, no.2, pp.13-25, 2013 (SCI-Expanded)

- XVIII. **e-Government adoption model based on theory of planned behavior: Empirical validation**

ÖZKAN YILDIRIM S., Kanat I. E.

GOVERNMENT INFORMATION QUARTERLY, vol.28, no.4, pp.503-513, 2011 (SSCI)

- XIX. **Collaborative risk method for information security management practices: A case context within Turkey**

ÖZKAN YILDIRIM S., Karabacak B.

INTERNATIONAL JOURNAL OF INFORMATION MANAGEMENT, vol.30, no.6, pp.567-572, 2010 (SSCI)

- XX. **Multi-dimensional students' evaluation of e-learning systems in the higher education context: An empirical investigation**

ÖZKAN YILDIRIM S., Koseler R.

COMPUTERS & EDUCATION, vol.53, no.4, pp.1285-1296, 2009 (SCI-Expanded)

- XXI. **t-Government for benefit realisation: A research agenda**

Sahraoui S., Ghoneim A., Irani Z., Ozkan S.

EVALUATING INFORMATION SYSTEMS: PUBLIC AND PRIVATE SECTOR, pp.322-337, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **Analysis of Software Process Improvement Activities in SMEs: A Systematic Literature Review**
Durmuş S., Özcan Top Ö., Özkan Yıldırım S.
Bilişim Teknolojileri Dergisi, vol.14, no.4, pp.411-423, 2021 (Peer-Reviewed Journal)
- II. **Towards Development of a Model for Acceptance of Software Process Improvement Models in SMEs: Preliminary Findings**
Durmuş S., Özkan Yıldırım S., Özcan Top Ö.
Journal of Information Systems and Management Research, vol.3, no.1, pp.51-60, 2021 (Peer-Reviewed Journal)
- III. **IDENTIFICATION OF THE FACTORS AFFECTING CUSTOMER ENGAGEMENT IN ONLINE BRAND COMMUNITIES: A PILOT STUDY**
Özkan Yildirim S., Bayraktar P.
IADIS International Journal on WWW/Internet, vol.17, no.1, pp.14-29, 2019 (Peer-Reviewed Journal)
- IV. **CONSUMERS' ADOPTION OF SOCIAL COMMERCE: A SYSTEMATIC LITERATURE REVIEW**
Özkan Yildirim S., Altınışık S.
Mugla Journal of Science and Technology, vol.3, no.2, pp.131-137, 2017 (Peer-Reviewed Journal)
- V. **Behavioral Segmentation Analysis of Online Consumer Audience in Turkey by Using Real E-Commerce Transaction Data**
HUSEYNOV F., ÖZKAN YILDIRIM S.
International Journal of Economics and Business Research, vol.14, pp.12-28, 2017 (Scopus)
- VI. **Behavioural segmentation analysis of online consumer audience in Turkey by using real e-commerce transaction data**
Huseynov F., Yildirim S.
International Journal of Economics and Business Research, vol.14, no.1, pp.12-28, 2017 (Scopus)
- VII. **Assessing the Effect of E-Commerce Intelligent Bots on Online Consumers' Post-adoption Behavior**

for Future Use

Özkan Yıldırım S.

American Academic & Scholarly Research Journal, vol.6, no.4, pp.163-171, 2014 (Peer-Reviewed Journal)

- VIII. **Assessment of Information Technology Use in Small and Medium-Sized Enterprises: Empirical Investigation in Five Cases**
Sezgin E., Ozkan S.
INFORMATION SYSTEMS FOR SMALL AND MEDIUM-SIZED ENTERPRISES: STATE OF ART OF IS RESEARCH IN SMES, pp.97-121, 2014 (Peer-Reviewed Journal)
- IX. **E-government transformation success: An assessment methodology and the preliminary results**
Iskender G., Özkan S.
Transforming Government: People, Process and Policy, vol.7, no.3, pp.364-392, 2013 (ESCI)
- X. **The Demand Side for Development of E-Government Services and Gateway in Turkey: Taking Citizen Perceptions and Suggestions into Account**
Medeni D. T., ÇETİN Y., Balci A., Ozkan S.
DIGITAL DEMOCRACY: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS, VOL 1, pp.1386-1406, 2012 (Peer-Reviewed Journal)
- XI. **Facilitating the adoption of e-payment systems: Theoretical constructs and empirical analysis**
Özkan S., Bindusara G., Hackney R.
Journal of Enterprise Information Management, vol.23, no.3, pp.305-325, 2010 (ESCI)
- XII. **Evaluating learning management systems: Adoption of hexagonal e-learning assessment model in higher education**
Ozkan S., Koseler R., BAYKAL N.
Transforming Government: People, Process and Policy, vol.3, no.2, pp.111-130, 2009 (ESCI)
- XIII. **Exploring citizens' perception of government to citizen services: A model based on theory of planned behaviour (TBPss)**
Kanat I. E., Özkan S.
Transforming Government: People, Process and Policy, vol.3, no.4, pp.406-419, 2009 (ESCI)
- XIV. **Research note: Toward a reference process model for citizen-oriented evaluation of e-Government services**
Lee H., Osman I. H., Balci A., Ozkan S., Irani Z., Medeni T. D.
Transforming Government: People, Process and Policy, vol.2, no.4, pp.297-310, 2008 (ESCI)
- XV. **A maturity based qualitative information systems effectiveness evaluation of a public organization in Turkey**
Ozkan S., Cakir M., Bilgen S.
Journal of Cases on Information Technology, vol.10, no.3, pp.58-71, 2008 (ESCI)
- XVI. **Process based information systems evaluation: Towards the attributes of "pRISE"**
Özkan S., Hackney R., Bilgen S.
Journal of Enterprise Information Management, vol.20, no.6, pp.700-725, 2007 (ESCI)
- XVII. **Evaluating eReverse auctions (EeRA): A case research note**
Hackney R., Loesch A., Irani Z., Ghoneim A., Ozkan S.
Transforming Government: People, Process and Policy, vol.1, no.1, pp.59-66, 2007 (ESCI)
- XVIII. **All together now: Merging IT quality and other BPM frameworks**
Ozkan S.
Cutter IT Journal, vol.18, no.3, pp.16-20, 2005 (Scopus)

Books & Book Chapters

- I. **Enablers for IoT regarding Wearable Medical Devices to Support Healthy Living: The Five Facets**
Değerli M., Özkan Yıldırım S.
in: IoT in Healthcare and Ambient Assisted Living, Gonçalo Marques, Akash Kumar Bhoi, Victor Hugo C. de

Albuquerque,Hareesha K.S., Editor, Springer Nature, Singapore, pp.201-222, 2021

II. Telemedicine in the Current New Normal: Opportunities and Barriers

Değerli M., Özkan Yıldırım S.

in: Enhanced Telemedicine and e-Health:Advanced IoT Enabled Soft Computing Framework, Gonçalo

MarquesAkash Kumar Bhoilsabel de la Torre DíezBegonya Garcia-Zapirain, Editor, Springer Nature, Zürich, pp.27-36, 2021

III. Smart Wearable Technology for Health Tracking: What Are the Factors that Affect Their Use?

Pancar T., Özkan Yıldırım S.

in: IoT in Healthcare and Ambient Assisted Living, Gonçalo MarquesAkash Kumar BhoiVictor Hugo C. de

AlbuquerqueHareesha K.S., Editor, Springer Nature, Singapore, pp.165-199, 2021

IV. Blockchain for Ensuring Security , Privacy , and Trust in IoT Environments: The State of the Art

Erdem A., Özkan Yıldırım S., Angin P.

in: Security, Privacy and Trust in the IoT Environment, Zaigham Mahmood, Editor, Springer, London/Berlin , Derby, pp.97-122, 2019

V. Current and Emerging mHealth Technologies- Adoption, Implementation, and Use

Sezgin E. (Editor), Yıldırım İ. S. (Editor), Özkan Yıldırım S. (Editor), Şumuer E. (Editor)

Springer, London/Berlin , London, 2018

VI. Chapter 10: Intention vs. Perception: Understanding the differences of physicians' attitudes towards mobile health applications

Özkan Yıldırım S., Yıldırım İ. S., Sezgin E.

in: CURRENT AND EMERGING M-HEALTH TECHNOLOGIES, Sezgin,I. Yıldırım,S. Sümür,sevgi ozkan yıldırım, Editor, Springer, London/Berlin , Berlin, pp.153-166, 2018

VII. Chapter 17: Adoption of Internet of Things in Healthcare Organizations

Özkan Yıldırım S., Cicibaş H.

in: CURRENT AND EMERGING M-HEALTH TECHNOLOGIES, sezgin emre,yıldırım soner,yıldırım sevgi,sümür evren, Editor, Springer, London/Berlin , Berlin, pp.283-302, 2018

VIII. Intention vs. Perception: Understanding the differences in Physicians'xx Attitudes Toward Mobile Health Applications

Sezgin e., ÖZKAN YILDIRIM S., YILDIRIM İ. S.

in: Current and Emerging mHealth Technologies: Adoption, Implementation, and Use, Sezgin, E. Yildirim, S. Yildirim-Ozkan, S. Sumuer, E., Editor, Springer, Cham, pp.153-166, 2018

IX. Chapter 13: Acceptance of Mobile Homecare Technologies: An Empirical Investigation on Patients with Chronic Diseases

Özkan Yıldırım S., Kutluay A., Mumcuoğlu Ü. E.

in: CURRENT AND EMERGING M-HEALTH TECHNOLOGIES, sezgin,e yıldırım,s,i yıldırım,s sümür,e., Editor, Springer, London/Berlin , Berlin, pp.201-222, 2018

X. Trends of Factors and Theories in Health Information Systems Acceptance: 2002 – 2014 Review

ÖZKAN YILDIRIM S., sezgin e.

in: Encyclopedia of E Health and Telemedicine DOI 10 4018 978 1 4666 9978 6 ch085, Maria Manuela Cruz-Cunha, Isabel Maria Miranda, Ricardo Martinho and Rui Rijo., Editor, IGI Global, pp.1085-1104, 2016

XI. T-Government for benefit realisation: A research agenda

Özkan Yildirim S., Irani Z., Ghoneim A., Sahroui S.

in: Evaluating Information Systems: Public and Private Sector, Zahir Irani,Peter E. D. Love, Editor, Routledge, London/New York , London, pp.359-373, 2008

Refereed Congress / Symposium Publications in Proceedings

I. Interpreting Group Differences of Relations among Success Factors for Wearable Medical Devices

ÖZKAN YILDIRIM S., Değerli M.

2020 5th International Conference on Computer Science and Engineering (UBMK), Diyarbakır, Turkey, 9 - 11

September 2020

- II. **THE RIGHT PERSON TO THE RIGHT JOB: DEVELOPING A TWO-SIDED MATCHING METHODOLOGY BASED ON REAL EMPLOYEE DATA**
Mutlu Arsal F., Özkan Yıldırım S.
IMISC2019, İstanbul, Turkey, 9 - 12 October 2019, pp.1-12
- III. **Attitudinal Mechanisms in 'Dual Identity' Online Brand Communities: An Empirical Investigation**
ÖZKAN YILDIRIM S., ALTINIŞIK S.
33rd EBES Conference, Madrid, Spain, 7 - 09 October 2020
- IV. **Soft Systems Methodology in Action: The Case of an SME in Automotive Component and Defense Industry**
Özkan Yıldırım S., Kılıç A. B.
2020 IEEE 7th International Conference on Industrial Engineering and Applications (Europe) (ICIEA 2020-Europe), 15-17 January, Paris, France, Paris, France, 15 - 17 January 2020, pp.1-2
- V. **TOWARDS DEVELOPMENT OF A MODEL FOR ACCEPTANCE OF SOFTWARE PROCESS IMPROVEMENT MODELS IN SMEs:PRELIMINARY FINDINGS**
Durmuş S., Özkan Yıldırım S., Özcan Top Ö.
IMISC2019, İstanbul, Turkey, 9 - 12 October 2019
- VI. **METHODOLOGICAL FOUNDATIONS OF MHEALTH DESIGNSTUDIES: A CONTENT ANALYSIS OF LITERATURE**
ACAR A. F., ÖZKAN YILDIRIM S.
IADIS 2019, Utrecht, Netherlands, 11 - 13 April 2019
- VII. **Adoption Factors of Health Monitoring Systems for Smart Healthcare: A Systematic Review**
Özkan Yıldırım S.
IADIS Information Systems Conference (IS 2019) , Utrecht, Netherlands, 11 - 13 April 2019, pp.34-54
- VIII. **ONLINE BRAND COMMUNITIES IN SOCIAL COMMERCE:IDENTIFYING FACTORS AFFECTING CUSTOMER ENGAGEMENT**
Bayraktar P., ÖZKAN YILDIRIM S.
IADIS 2019, Utrecht, Netherlands, 11 - 13 April 2019
- IX. **A SYSTEMATIC REVIEW ON SMART CITY SERVICES AND IOT-BASED TECHNOLOGIES**
ÖZKAN YILDIRIM S., Beştepe F.
IADIS 2019, 18 - 21 March 2019
- X. **Using Soft Systems Methodology Approach to Improve Technical Solution Sub-process of Engineering Process in a SME: A Case Study**
Özkan Yıldırım S., Bayraktaroğlu B.
5th International Conference on Management Information Systems (IMISC 2018), Ankara, Turkey, 24 - 26 October 2018, pp.12-16
- XI. **Yaşlıların Aile Bakıcıları için Sürdürülebilir Mobil Sağlık**
Özkan Yıldırım S., Acar A. F.
UYMS, İstanbul, Turkey, 10 - 12 September 2018
- XII. **MOBILE AND WEARABLE TECHNOLOGIES IN HEALTHCARE: A SYSTEMATIC REVIEW AND THE STATE-OF-THE-ART**
ÖZKAN YILDIRIM S., pancar t.
IADIS, Portugal, 14 - 16 April 2018
- XIII. **IMPLICATIONS OF INDUSTRY 4.0 TO SUPPLY CHAIN MANAGEMENT AND HUMAN RESOURCES MANAGEMENT**
ÖZKAN YILDIRIM S., kılıç b.
UKAIS 2018, Oxford, United Kingdom, 20 - 21 March 2018
- XIV. **Mobile and wearable technologies in healthcare: A systematic review and the state-of-the-art**
Pancar T., Yildirim S.
11th IADIS International Conference Information Systems 2018, IS 2018, Lisbon, Portugal, 14 - 16 April 2018, pp.41-48

- XV. **SAĞLIK ALANINDA MOBİL VE GİYİLEBİLİR TEKNOLOJİLER: SİSTEMATİK LİTERATÜR TARAMASI VE MEVCUT DURUM**
Pancar T., ÖZKAN YILDIRIM S.
The 4th International Management Information Systems Conference (IMISC2017), İstanbul, Turkey, 17 - 20 October 2017
- XVI. **Consumers' Adoption of Social Commerce: A Systematic Literature Review**
ALTINIŞIK S., ÖZKAN YILDIRIM S.
The 4th International Management Information Systems Conference (IMISC2017), İstanbul, Turkey, 17 - 20 October 2017
- XVII. **Investigating continuous security compliance behavior: Insights from information systems continuance model**
Abed J., Dhillon G., Ozkan S.
22nd Americas Conference on Information Systems: Surfing the IT Innovation Wave, AMCIS 2016, California, United States Of America, 11 - 14 August 2016
- XVIII. **Empirical investigation of internet banking usage: The case of Turkey**
Daneshgadeh S., ÖZKAN YILDIRIM S.
Conference on ENTERprise Information Systems (CENTERIS) / International Conference on Project MANagement (ProjMAN) / International Conference on Health and Social Care Information Systems and Technologies (HCIST), Troia, Portugal, 15 - 17 October 2014, vol.16, pp.322-331
- XIX. **Work in Progress toward Adoption of an e-Health Application by Healthcare Personnel: A Model Validation**
Sezgin E., Alasehir O., ÖZKAN YILDIRIM S.
Conference on ENTERprise Information Systems (CENTERIS) / International Conference on Project MANagement (ProjMAN) / International Conference on Health and Social Care Information Systems and Technologies (HCIST), Troia, Portugal, 15 - 17 October 2014, vol.16, pp.1327-1333
- XX. **A Literature Review on Attitudes of Health Professionals towards Health Information Systems: From e-Health to m-Health**
Sezgin E., ÖZKAN YILDIRIM S.
Conference on ENTERprise Information Systems (CENTERIS) / International Conference on Project MANagement (ProjMAN) / International Conference on Health and Social Care Information Systems and Technologies (HCIST), Troia, Portugal, 15 - 17 October 2014, vol.16, pp.1317-1326
- XXI. **A systematic review of technology acceptance model in e-learning context**
Alkis N., Coskunçay D. F., Yildirim S.
15th International Conference on Human Computer Interaction, INTERACCION 2014, Puerto de la Cruz, Tenerife, Spain, 10 - 12 September 2014
- XXII. **Effects of the usability and expected benefit on m-service usage: The case of a location-based mobile campus service**
Cetin-Kaya Y., Ozkan-Yildirim S., Kaya M.
International Conferences on Interfaces and Human Computer Interaction 2014, Game and Entertainment Technologies 2014 and Computer Graphics, Visualization, Computer Vision and Image Processing 2014, Lisbon, Portugal, 15 - 19 July 2014, pp.107-114
- XXIII. **A Systematic Literature Review on Health Recommender Systems**
Sezgin E., ÖZKAN YILDIRIM S.
4th IEEE International Conference on E-Health and Bioengineering (EHB), Iasi, Romania, 21 - 23 November 2013
- XXIV. **Proposing a research model for internet banking usage based on a literature review**
Daneshgadeh S., ÖZKAN YILDIRIM S.
8th Iberian Conference on Information Systems and Technologies (CISTI), Lisboa, Portugal, 19 - 22 June 2013
- XXV. **Yazılım veya yazılım-yoğun sistem mühendisliği iş süreçleri açısından yüksek olgunluk seviyesinde olan veya yüksek olgunluk seviyesine ulaşmak isteyen organizasyonlar için bazı tespitler ve öneriler**
Değerli M., Özkan S.
7th Turkish National Software Engineering Symposium, UYMS 2013, İzmir, Turkey, 26 September 2013, vol.1072

- XXVI. **Facilitating adoption of Enterprise Resource Planning (ERP) systems: The state of the art**
Ozkan S., Kurt N., İYİĞÜN C.
18th Americas Conference on Information Systems 2012, AMCIS 2012, Seattle, WA, United States Of America, 9 - 12 August 2012, vol.4, pp.3037
- XXVII. **Building a methodology to assess the e-government transformation success**
Iskender G., Ozkan S.
18th Americas Conference on Information Systems 2012, AMCIS 2012, Seattle, WA, United States Of America, 9 - 12 August 2012, vol.6, pp.4881-4890
- XXVIII. **The role of Gender in Pharmacists Attitudes towards E-pharmacy Application**
Alasehir O., Sezgin E., ÖZKAN YILDIRIM S.
2nd World Conference on Educational Technology Researches (WCETR), Nicosia, CYPRUS, 27 - 29 June 2012, vol.83, pp.1111-1115
- XXIX. **ORganizational adoption of mobile communication technologies**
Arpaci I., Yardimci Y., Özkan S., Türetken Ö.
European, Mediterranean and Middle Eastern Conference on Information Systems, EMCIS 2012, Munich, Germany, 7 - 08 June 2012, pp.17-28
- XXX. **Assessing Information Technology Use in Organizations: Developing a Framework**
Sezgin E., ÖZKAN YILDIRIM S.
International Conference on Enterriese Information Systems, Vilamoura, Portugal, 5 - 07 October 2011, vol.220, pp.388-397
- XXXI. **ATTITUDES OF PHARMACISTS TOWARDS E-PHARMACY APPLICATION: A WORK IN PROGRESS RESEARCH ON MEDULA PROJECT**
Sezgin E., Alasehir O., ÖZKAN YILDIRIM S.
6th International Symposium on Health Informatics and Bioinformatics (HIBIT), İzmir, Turkey, 2 - 05 May 2011, pp.8-15
- XXXII. **Critical factors in Electronic Library acceptance: Empirical validation of Nationality based UTAUT using SEM**
Orji R. O., Cetin Y. Y., Ozkan S.
IADIS International Conference WWW/Internet 2010, Timisoara, Romania, 14 - 17 October 2010, pp.81-88
- XXXIII. **Factors impacting knowledge transfer success in information systems outsourcing**
Al-Salti Z., Hackney R., Özkan S.
7th European, Mediterranean and Middle Eastern Conference on Information Systems, EMCIS 2010, Abu Dhabi, United Arab Emirates, 12 - 13 April 2010
- XXXIV. **Taking the demand side into account: Citizen perceptions and suggestions for development of e-Government services and gateway in Turkey**
Medeni D. T., ÇETİN Y., Balci A., Özkan S.
7th European, Mediterranean and Middle Eastern Conference on Information Systems, EMCIS 2010, Abu Dhabi, United Arab Emirates, 12 - 13 April 2010
- XXXV. **Work in Progress - A Modified Technology Acceptance Model for E-Assessment: Intentions of Engineering Students to Use Web-Based Assesment Tools**
Alkis N., ÖZKAN YILDIRIM S.
40th Annual Frontiers in Education Conference, Virginia, United States Of America, 27 - 30 October 2010
- XXXVI. **Work in Progress - Learning Management Systems Acceptances of Instructors from Various Departments: Empirical Investigation**
ÖZKAN YILDIRIM S., Findik D.
40th Annual Frontiers in Education Conference, Virginia, United States Of America, 27 - 30 October 2010
- XXXVII. **Identifying Success Factors for WBLMS Use by Instructors of Engineering Departments**
Findik D., Oezkan S.
40th Annual Frontiers in Education Conference, Virginia, United States Of America, 27 - 30 October 2010
- XXXVIII. **Behavioural intension analysis of avicenna® hospital information system**
Enkal A. Z., Özkan S.

2010 5th International Symposium on Health Informatics and Bioinformatics, HIBIT 2010, Antalya, Turkey, 20 - 22 April 2010, pp.59-66

XXXIX. A Collaborative Process Based Risk Analysis for Information Security Management Systems

Karabacak B., Ozkan S.

5th International Conference on Information Warfare and Security, Ohio, United States Of America, 8 - 09 April 2010, pp.182-192

XL. Multi-dimensional evaluation of E-learning systems in the higher education context: An empirical investigation of a computer literacy course

Ozkan S., Koseler R.

39th Annual Frontiers in Education Conference: Imagining and Engineering Future CSET Education, FIE 2009, San Antonio, TX, United States Of America, 18 - 21 October 2009

XLI. Information technology in oral health care: Attitudes of dental professionals on the use of teledentistry in Turkey

Ata S. O., Ozkan S.

6th European and Mediterranean Conference on Information Systems, EMCIS 2009, İzmir, Turkey, 13 - 14 July 2009

XLII. Towards successful e-payment systems: An empirical identification and analysis of critical factors

Ozkan S., Bindusara G., Hackney R.

6th European and Mediterranean Conference on Information Systems, EMCIS 2009, İzmir, Turkey, 13 - 14 July 2009

XLIII. Work in Progress - Iterative curriculum development for an interdisciplinary online-taught it course

Köseler R., TaşkayaTemizel T., Bakir B., Incebacak D., Kaya M., Özkan S.

39th Annual Frontiers in Education Conference: Imagining and Engineering Future CSET Education, FIE 2009, San Antonio, TX, United States Of America, 18 - 21 October 2009

XLIV. Explaining citizen adoption of government to Citizen services: A model based on theory of planned behaviour (TPB)

Kanat I. E., Özkan S.

6th European and Mediterranean Conference on Information Systems, EMCIS 2009, İzmir, Turkey, 13 - 14 July 2009

XLV. An Investigation of the Activities and Skill Sets Needed By Senior Information Technology (IT) Managers

Ekimci N. A., ÖZKAN YILDIRIM S.

3rd European Conference on Information Management and Evaluation, Gothenburg, Sweden, 17 - 18 September 2009, pp.486-496

XLVI. Explaining Planning Citizen Adoption of Government to Citizen Services: A Model Based on Theory of Planned Behaviour (TPB),

Kanat E., ÖZKAN YILDIRIM S.

European and Mediterranean Conference on Information Systems EMCIS 2009, 13 - 14 July 2009

XLVII. A conceptual framework for enhancing the international cooperation in a developing space market - Harmonization of International Standards for Space Industry

Ozalp E., Guim F., ÖZKAN YILDIRIM S.

4th International Conference on Recent Advances in Space Technologies, İstanbul, Turkey, 11 - 13 June 2009, pp.48-49

XLVIII. The attitudes of students with diverse backgrounds on computer and information literacy subjects: Evidence from a first year course

Bakir B., Köseler R., Özkan S., Temizel T. T., Incebacak D., Kaya M.

39th Annual Frontiers in Education Conference: Imagining and Engineering Future CSET Education, FIE 2009, San Antonio, TX, United States Of America, 18 - 21 October 2009

XLIX. Evaluating learning management systems: Hexagonal e-learning assessment model (HELAM)

Ozkan S., Koseler R., BAYKAL N.

5th European and Mediterranean Conference on Information Systems, EMCIS 2008, Dubai, United Arab Emirates,

25 - 26 May 2008

L. Assessing hospital information systems processes: A validation of prise information systems success model in healthcare

Ozkan S., BAYKAL N., Sincan M.

14th Americas Conference on Information Systems, AMCIS 2008, Toronto, Canada, 14 - 17 August 2008, vol.6, pp.3956-3967

LI. T-government for benefit realisation

Irani Z., Sahraoui S., Ozkan S., Ghoneim A., Elliman T.

4th European and Mediterranean Conference on Information Systems, EMCIS 2007, Valencia, Spain, 24 - 26 June 2007, pp.221-2211

LII. Process based information systems success model: Assessment of the information technology function in three healthcare organisations

Özkan S.

3rd European and Mediterranean Conference on Information Systems, EMCIS 2006, Alicante, Spain, 6 - 07 July 2006

Supported Projects

ÖZKAN YILDIRIM S., Project Supported by Higher Education Institutions, Örgütsel Bağlamlarda Bilgi Sistemleri Etkinliğini Ölçmek İçin Sürece Dayalı Model Geliştirilmesi, 2009 - Continues

Özkan Yıldırım S., H2020 Project, UFUK 2020 Projesi, EUMaster4HPC - HPC European Consortium Leading Education Activities, 2022 - 2025

Özkan Yıldırım S., United Nations Development Program - UNDP Supported Project, Innovation Campus, 2022 - 2022

Özkan Yıldırım S., Wagenaar R., Erasmus Project, Measuring and Comparing Achievements of Learning Outcomes in Higher Education in Europe - Extension (CALOHEEx), 2020 - 2022

ÖZKAN YILDIRIM S., ALTINIŞIK S., PANCAR T., Project Supported by Higher Education Institutions, Sağlık Alanında Mobil ve Giyilebilir Teknolojilerin Benimsenmesini Etkileyen Faktörler: Ampirik İncelemeler, 2018 - 2022

Özkan Yıldırım S., Ercengiz N. F., TUBITAK Project, LOKMAN - YENİ NESİL SAĞLIK BİLİŞİM YÖNETİM SİSTEMİ, 2019 - 2019

Özkan Yıldırım S., Armağan B. Ş., TUBITAK Project, TERZİ - Bulut Temelli Pratik Uygulama Üretim Sistemi, 2018 - 2019

Özkan Yıldırım S., Soeiro A., FP6 Project, Network for integrating Virtual Mobility and European Qualification Framework in HE and CE Institutions, 2010 - 2012

ÖZKAN YILDIRIM S., Project Supported by Higher Education Institutions, E Hizmet Kullanımına Etki Eden Faktörlerin Belirlenmesi:ampirik İnceleme., 2011 - 2011

ÖZKAN YILDIRIM S., TUBITAK Project, Kullanıcı Teknoloji Benimseme Faktörleri: Yapısal Eşitlik Modeli Yaklaşımı İle Farklı Bağlamlarda Ampirik İncelemeler, 2010 - 2011

Scientific Refereeing

TUBITAK Project, 1512 - Progressive Support Program for Entrepreneurship, Middle East Technical University, Turkey, May 2023

TUBITAK Project, 2238 - Entrepreneurship and Innovation Competitions Program, Middle East Technical University, Turkey, December 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, November 2022

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Middle East Technical University, Turkey, November 2022

JOURNAL OF ENTERPRISE INFORMATION MANAGEMENT, Journal Indexed in SSCI, September 2022

TUBITAK Project, My support program is not listed (Old), Middle East Technical University, Turkey, September 2022

JOURNAL OF MEDICAL SYSTEMS, Journal Indexed in SCI-E, August 2022

JOURNAL OF ENTERPRISE INFORMATION MANAGEMENT, Journal Indexed in SSCI, August 2022

TUBITAK Project, 1512 - Progressive Support Program for Entrepreneurship, Middle East Technical University, Turkey, June 2022

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Middle East Technical University, Turkey, May 2022

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Middle East Technical University, Turkey, May 2022

JOURNAL OF ENTERPRISE INFORMATION MANAGEMENT, Journal Indexed in SSCI, April 2022

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Middle East Technical University, Turkey, October 2021

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Middle East Technical University, Turkey, October 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, October 2021

JOURNAL OF MEDICAL SYSTEMS, SCI Journal, September 2021

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Middle East Technical University, Turkey, April 2021

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Middle East Technical University, Turkey, April 2021

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Non Academic Experience

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