

## Curriculum vitae of SEBNEM OZDEMIR

Istinye University

Department of Management Information Systems

Istanbul, TURKEY

**Research Interests:** Artificial Intelligence/Machine Learning, Data Science, Management Information Systems, Information Overload, Decision Making Process, Mathematical Modelling.

### Education

2016 PhD in Informatics, Istanbul University, Department of Informatics Institute of Science

Thesis: Educational Data Mining And An Application Related To Prediction Of Student Academic Success

2012 MSc in Informatics, Istanbul University, Department of Informatics Institute of Science

Thesis: Exploring Elementary Mathematics Pre-Service Teachers' Perception Of Using Multiple Representations While Problem Solving

2010 MA in Mathematics Education, Istanbul University, Hasan Ali Yucel Educational Faculty, Institute of Science

Graduate Project: Artificial Intelligence Applications in Mathematics Teaching in Turkey.

2004 BSc in Mathematics, Yıldız Technical University

Undergraduate Project: Fuzzy Digitizing Methods

### Professional Positions

2019 Head of Department, Istinye University, Department of Management

	Information Systems
2019	Assistant Professor, Istinye University, Department of Management Information Systems
2019	Collaborator, Massachusetts Institute of Technology (MIT) Computer Science and Artificial Intelligence Lab (CSAIL)
2018	Visiting Researcher, Worcester Polytechnic Institute, Department of Computer Science, Worcester-MA, USA.
2017-2019	Assistant Professor, Beykent University, Department of Management Information Systems
2015-2017	Research Assistant with Phd, Istanbul University, Department of Informatics (Assignment with 33/A-Permanent Staff)
2014-2015	Research Assistant Istanbul University, Engineering Faculty (Secondment with 13/B)
2011-2015	Research Assistant, Istanbul University, Department of Informatics (Assignment with 50/D- Temporary Staff)

### **Given Courses**

2019-2020	Management Information System
2019-2020	Database Management System
2019-2020	Data Science I
2019-2020	Data Science II
2019-2020	Introduction to Artificial Intelligence
2018-2019	Introduction to Deep Learning
2018-2019	Data Science I
2018-2019	Data Science II
2018-2019	Internet and Web Programming
2018-2019	Object Oriented Programming
2018-2019	Database Management Systems
2018-2019	Machine Learning
2018-2019	System Analysis and Design
2018-2019	Visual Programming
2018-2019	Enterprise Resource Planning

2017-2018	Machine Learning
2017-2018	Introduction to Big Data Technologies
2017-2018	System Analysis and Design
2017-2018	Work Analysis and Design
2017-2018	Statistics for Social Sciences
2017-2018	Research Methodologies for Social Sciences
2017-2018	Enterprise Resource Planning
2017-2018	Database Management Systems
2017-2018	Project Management
2017-2018	Internet and Web Programming
2017-2018	Object Oriented Programming
2016-2017	Enterprise Resource Planning
2016-2017	Database Management Systems
2016-2017	Project Management
2016-2017	Internet and Web Programming
2016-2017	Object Oriented Programming

### **Professional Activities**

2018	Head of Woman in Machine Learning and Data Science (WiMLDS)
2018	Editor of Data Science and Applications (DataSCI)
2018	Review of Veri Bilimi (Data Science)
2018	Review of İş İstihbaratı (Business Intelligence)
2018	Review of Management Information Systems
2018	Member of Scientific Board of International Conference on Data Science and Applications (ICONDATA 2018)
2017-	Member of Turkey Chapter of Association Information Systems -TRAIS
2016-	Member of Association Information Systems -AIS
2016-2017	Individual Responsible of Informatics Department, Turnitin Program Similarity Detection
2016	Scientific Board Member, I. International Academic Research Congress, Bodrum, Turkey
2016	Organization Committee Member, IV. International Conference on Innovations in Learning For the Future, Istanbul, Turkey

- 2015 Organization Committee Member, Summer Training Program for Data Mining with R, Mugla, Turkey
- 2014-2015 Scientific Board Member of Fatih Area in Istanbul, Internal Security Sector, Commission on the Promotion of Civilian Oversight, Supported by UNDP
- 2015 Organization Committee Member, II. Workshop on Preventive Services (Önleyici Hizmetler Çalıştayı-OHC2015), Istanbul, Turkey.
- 2014 Member, Mevlana Exchange Program in Informatics Department, Istanbul University
- 2014 Organization Committee Member, I. Workshop on Preventive Services (Önleyici Hizmetler Çalıştayı-OHC2014), Istanbul, Turkey.
- 2013-2017 Board Member, Qualification in Higher Education in Informatics Department, Istanbul University
- 2013 Scientific Board Member, 12<sup>th</sup> Conference on Internet at Turkey (Türkiye'de İnternet Konferansı-İNET TR), Istanbul Turkey
- 2012 Scientific Board Member, International Dynamic, Explorative and Active Learning (IDEAL) Conference, Bayburt, Turkey

#### **Academic Awards**

- 2016 Prof. Cigdem Kagitbasi Research in Human Development Award, Koç University, UNESCO Chair.

#### **Projects**

- 2020 Project Manager, Accessible and Society-Centered AI (HAI), Project No: 2020/B8
- 2019 Trainer, Data Analysis with R - 4005 TÜBİTAK, Project No: 218B457
- 2018- Project Manager, Deep Art: Discovering and Reproducing Patterns in Turkish and Ottoman Art Pieces via Deep Learning Techniques.
- 2016-2017 Project Manager, Predicting Academic Success of High School Students via Educational Data Mining, Supported by Istanbul University Scientific Research Projects Unit, Project No: SAB-2016-22320
- 2015-2016 Data Analysis Consultant, Hand in Hand with My Family for Independent Future, Supported by Addiction Prevention Financial Support Program in Istanbul Development Agency, Project No: TR10/15/BGM/0126

2015-2018	Researcher, National Networking Development Project for Data Mining with R: Production and Finance Applications, Supported by Istanbul University Scientific Research Projects Unit, Project No: 54093
2014-2016	Researcher, Usability Studies and HCI: The Case of Istanbul University's Web Site, Supported by Istanbul University Scientific Research Projects Unit, Project No: 40421
2014-2015	Assistant Project Manager, Safe in Secure, 7 <sup>th</sup> Frame Program of EU, Supported by NFCU
2014-2015	Researcher, Prevention of Risky Behavior in Children and Adolescents, Supported by Istanbul University Scientific Research Projects Unit, Project No: 48084.
2014-2015	Assistant Project Manager, Life for a Child, Child for Life, Supported by Innovator Istanbul Financial Support Program in Istanbul Development Agency, Project No: İSTKA/2014/YEN-0112
2011-2013	Researcher, Educational Technologies in Mathematics Education, Supported by Istanbul University Scientific Research Projects Unit, Project No: 16943

## Patents

<b>Application Date</b>	<b>Approval Date</b>	
2016		Inventor, MOLECURE: Mole Mapping for Detection of Skin Cancer, (During the evaluation process) TP16-383
2016	2019	ASU, Time cycled drug box 2016 19369 (Approved)
2016	2019	Co-inventor, PARAQUENCY: Wearable Devices for Shivering Frequency Detection/Recording in Parkinson Disease, (During the evaluation process) TP16-381 (Approved)
2016	2019	Co-inventor, Lingustic-Robo 2016 19985 (Approved)
2016	2019	Inventor, SMARTHLETIC: Wearable Devices and Smart Skill Trainers for Sports, (During the evaluation process) TP16-385 (Approved)

## Organized/Invited Workshops, Panels

- 2019 Invited Speaker – Louisiana University at Lafayette – Deep Learning and its Application on Art: Deep Classical Art Project
- 2019 Invited Speaker – HR Summit – Artificial Intelligence and Future Jobs
- 2019 Invited Speaker- Erzurum Ataturk University- The Effect of AI on Digital Transformation
- 2019 Invited Speaker- Kadir Has Universtiy- The Issues in AI: Bias and Regulations
- 2019 Invited Speaker- Kent University- Various Applications of AI
- 2019 Invited Speaker - WiDS\_Conference Istanbul Chapter Zaim University - Masculine Attitude of AI : Deep Sight and Deep Oversight
- 2019 Pannel : Artificial Intelligence – Yıldız Technical University
- 2019 Invited Speaker- HAVELSAN Inc. (is an affiliated company of Turkish Armed Forces Foundation) Academy Days – Deep Diving into Data Science
- 2018 From Preprocess to Model Selection: Machine Learning Process, Information and Communication Technologies Authority (BTK)
- 2018 Pannel: New Sector Skills and Vocational Development, 35. Bilişim Kurultayı
- 2018 Pannel: Artificial Intelligent Application in Turkey, DeepCon'18
- 2018 Workshop: In Data World “Live Free or Die Hard” Organized by New York Instutue of Technology (NYIT) (August 27, 2018)
- 2018 Director of the Program, Beykent University Certification Program: New Opportunities of Industry 4.0
- 2018 Invited Speaker: To Be or Not To Be and How To Be?. Organized by YTU WiDS and Standford University WiDS
- 2018 Visionary Talks: ADA to AVA. Organized by PAU IEEE Society
- 2018 Workshop: From the Static to the Animated Graphics: The Power of Data Visualization with R. Organized by Data Istanbul.
- 2018 Panel: In the Era of Things of 4.0: Wisdom Manufacturing. XX. Akademik Bilişim Konferansı ( In the Conference on 20<sup>th</sup> Academic Informatics). Organized by Karabük University and INETD Association.
- 2017 Panel: Data Center 4.0 as an IoE (Internet of Energy) Source. In

- Conference on Data Centers in Turkey. Organized by Data Center Dynamics.
- 2017 Workshop: Industry 4.0 and Machine Learning. In the Conference on XXII Inet-TR (Internet on Turkey). Organized by Bahçeşehir University and INETD Association.
- 2017 Workshop: Educational Data Mining with R. Yükseköğretimde Eğitim Araştırmaları ve Uygulamaları Kongresi (In the Congress on Educational Research and Applications on Higher Education). Organized by Marmara University, Yıldız Technical University and Fatih Sultan Mehmet University.
- 2017 Workshop: Industry 4.0 and Power of Data Analytics. Yöneylem Araştırmaları Kongresi (Congress on Operational Research). Organized by Yıldız Technical University
- 2017 Workshop: What is Next? Graphical Data Mining. Exhibition: Speak to Eyes. Organized by Studio X

### **Certificated Educational Activities**

- 2014 Entrepreneurship Training, Supported by T.C. Presidency Of Development And Support For Small And Medium-Sized Enterprises
- 2014 TSE EN ISO 9001 Quality Management System Audit, Supported by Turkish Standards Institute
- 2014 TSE EN ISO 9001 Quality Management System, Supported by Turkish Standards Institute
- 2014 Intellectual Property Rights and Patents, Supported by Istanbul University Technology Transfer Center and Turkish Patent Institute
- 2012 Corporate Identity and the Law No. 4982 on Information Acquisition European Union Approved (Brussels) Project Cycle Management Project
- 2012 Cycle Management, Supported by Istanbul University Strategic Research Center and EU

### **Consultancy/ Data Analyses Based Business-Academy Course Activities**

2020	Hitsoft - Consultant
2019	Data Science with R- BOSCH-Turkey
2019	EreTeam - Consultant
2017-2018	IBTECH (Finansbank) (Credit Risk Based Analysis with R)
2018	R For Business Analytics (HSBCBank, Denizbank, İpekyol, Işık Univ, Galatasaray Univ)
2017	Machine Learning and Data Visualization (LCWaikiki, Aktifbank, Kadir Has Univ., Ardahan Univ.)
2017	R Based Strategic Analysis and Risk Management (OMV, QNB Finansbank, Aktifbank, Abant İzzet Baysal Univ., Sözcü)

### **Other Activities**

2018-	Founder of Smart Data Solutions (data analysis based business solution with R and Python)
2017-	Editor, Deep Learning Turkey (Blog)
2017-2018	Co-Founder of DATALABTR (data analysis based business solution with R)
2017-	Reviewer, Journal of International Management Information System
2016-	Reviewer, Journal of Management Information System
2016-	Trainer, Machine Learning Algorithms, DATALABTR Educational Series on R
2016-	Trainer, Introduction to R and Statistical Analysis , DATALABTR Educational Series on R
2016-	Trainer, Graphical Data Mining, DATALABTR Educational Series on R
2016	Trainer, Summer Training Program for Data Mining with R, organized by TOVAK and Istanbul University
2015-	Reviwer, Academic Informatics Conferences
2015	Trainer, Summer Training Program for Data Mining with R, organized by TOVAK and Istanbul University
2013	Presenter in Seminar, Tool for Desicion Making Process: Analytic Hierarchy Process (AHP)
2013	Trainer, Computer Programming, Child University Summer School Program



2013	Trainer, Information Technologies Training Program, Istanbul University, Computer Science Application and Research Center
2012-	Asistant Editor, ENF101 Journal (Non-Academic)
2011-2012	System Analyst, Development of Scientific Project Applications Tracking and Evaluation System, Istanbul University Scientific Research Projects Unit
2011-2012	System Analyst, Conference Management System Development (COMAS), Istanbul University, Informatics Department

## Publications

1. Sundu, M.; **Ozdemir, S.** (2020) The Effect of Artificial Intelligence on Management Process: Challenges and Opportunities. Challenges and Opportunities for SMEs in Industry 4.0 (Eds: Noor, H.A.; Qaisar, I.; Hasliza, A. H.). IGI Global Publishing.
2. **Özdemir, Ş.**; Kılınc D. (2019) Geleceğin Meslekleri (2019). Abaküs Yayınevi
3. **Özdemir, Ş.**, Örslü, S . (2019). Makine Öğrenmesinde Yeni Bir Bakış Açısı: Otomatik Makine Öğrenmesi (AutoML). Journal of Information Systems and Management Research , 1 (1) , 23-30 . <https://dergipark.org.tr/en/pub/jismar/issue/51306/641046>
4. Yildiz, M. N., Fazal, M., Ahn, M., Feirsen R., **Ozdemir, S.** (2019). Media Literacy Research and Applications Across Disciplines. IGI Global Publishing.
5. Komecoğlu Y., Muftuoglu Z., Umay C., Tasdelen A., **Ozdemir S.** (2019). Importance of Data Management in Digital Media Literacy: Integration of Cultural Elements in Children With Deep Learning Techniques. Media Literacy Research and Applications Across Disciplines. IGI Global Publishing, p. 235-247, 9781522592617
6. Yildiz, M. N., Fazal, M., Ahn, M., Feirsen R., **Ozdemir, S.** (2019). Media Literacy Research and Applications Across Disciplines. IGI Global Publishing.
7. **Ozdemir, S.**, Erkollar, A., Oberer, B. (2018). Transformation of Machines from Learner to Decision Maker: Industry 4.0 and Big Data. Mugla Journal of Science and Technology, 4(2), 219-223.
8. Atay, M.; **Ozdemir, S.**, Taşdelen, A. (2018). EbruGAN. NIPS 2nd Workshop on Machine Learning for Creativity and Design Montreal, Canada, December 8, 2018.
9. **Ozdemir, S.**, Erkollar, A., Oberer, B. (2018). The Importance of Feature Selection Methods for the Error Prediction Process of a Digital Twin. 5th International Management Information Systems Conference (IMISC 2018), October 24-26, 2018,

Ankara, Turkey.

10. **Ozdemir, S.** (2018). Büyük Veri. Veri Bilimi: Veri Madenciliği, Veri Analizi, Makine Öğrenmesi, Derin Öğrenme. ISBN: 978-605-9594-49-3 (In the publication process) (Book Chapter – Big Data)
11. **Ozdemir, S.**, (2018). Can Machine Learning Methods Lead Us for Building Better Educational Environment? Conference of the Turkish American Scientists and Scholars (TASSA), Boston University, Boston, MA, USA June 2-3, 2018. (Poster)
12. **Ozdemir S.**, Çınar F., Coşkun Küçüközmen C., Merih K. (2018) Predicting Chronic Absenteeism Using Educational Data Mining Methods. In: Erçetin Ş. (eds) Chaos, Complexity and Leadership 2016. ICCLS 2016. Springer Proceedings in Complexity. Springer, Cham, e-ISBN 978-3-319-64554-4.
13. Ekren, G., Erkollar, A., Oberer, B., **Ozdemir, S.** (2018). Endüstri 4.0'a Uyum Sürecinde Açık Kaynak Kodlu Kurumsal Kaynak Planlama Sistemleri: Odoo Community Örneği. XX. Akademik Bilişim Konferansı (AB18). 31 Ocak-2 Şubat 2018, Karabük, Türkiye. (Conference Publication)
14. **Ozdemir, S.**, Erkollar, A. (2017). Next Generation's Industry 4.0 Journey: The Case Of Management Information Systems. International Semposium for Production Research 2017 (UAS2017). September 13-16 ,2017. Vienna. (Conference Publication)
15. **Ozdemir, S.** (2017). Structural Equation Model vs. Decision Tree Algorithms Based Models. 8th International Congress on New Trends in Education (ICONTE), May 18-20, 2017(Conference Publication)
16. **Ozdemir, S.** (2017). New Specificity Approach for Data Mining Models in Health Based Classification Problems. 4th World Conference on Health Sciences, April 28-30, 2017. (Conference Publication)
17. Bayır, A., **Özdemir Ş.**, Gülseçen, S. (2017). Determination of Voting Tendencies in Turkey Through Data Mining Algorithms. International Journal of E-Adoption 9(1). (Article)
18. **Ozdemir, S.**, Ayvaz Reis, Z. (2017) , Veri Madenciliği ve Etik. RapidMiner ile Veri Madenciliği, In: Çelik U., Akçetin, E., Gök, M. (Ed.), Pusula Yayıncılık, İstanbul. Syf 53-62. ) (Book Chapter: Data Mining and Ethics)
19. **Ozdemir, S.** (2017), Karar Ağaçları (Decision Trees). RapidMiner ile Veri Madenciliği, In: Çelik U., Akçetin, E., Gök, M. (Ed.), Pusula Yayıncılık, İstanbul. Syf 107-126. (Book Chapter: Decision Trees with Rapid Miner)
20. **Ozdemir, S.**, Akçetin, E., Terzi, Ü. (2017) ,nxn Boyutta Performans Analizleri, RapidMiner ile Veri Madenciliği, In: Çelik U., Akçetin, E., Gök, M. (Ed.), Pusula

Yayıncılık, İstanbul. Syf 229-240 (Book Chapter: A New Approach for Multiclass Classification)

21. **Ozdemir, S.**, Çınar, F., Küçüközmen, C. C. , (2016) Türk Bankacılık Sisteminde R Tabanlı Temel Bileşenler Analizi (Pca) ve Çok Boyutlu Veri Görselleştirme: Sektörel Kredilerin Pca İle Analizi. INSTFIN 2016 (Principal Component Analysis and Multi Dimensional Data Visualization for Turkish Banking System with R) (Conference Publication)
22. **Ozdemir, S.**, Ayvaz Reis, Z. (2016). “Kırılgan nüfus grubu: Engelli bireylerin sağlıklı çocukları” 1. Engellilik Araştırmaları Kongresi (Vulnerable populations: The healthy children of people with handicapped, presented in Conference) (Conference Publication)
23. Ayvaz Reis, Z., **Ozdemir, S.** (2016). “Ne kadar farkındayız?: Engellilik bilinci” 1. Engellilik Araştırmaları Kongresi. (Awareness on People with Handicapped in Turkey)
24. **Ozdemir, S.** (2016). “Eğitsel Veri Madenciliği Çalışması: Lise Öğrencilerinin Okula Devamlılık Durumlarının Öngörülmesi” Çağlayan Kitapevi. ISBN:978-975-436-093-6. Syf: 47-68. (Book Chapter: Prediction on Chronic Absence Behaviour of Vocational Students via Educational Data Mining Technichs)
25. **Ozdemir, S.**, Akadal, E., Ayvaz Reis, Z. (2016). “An Analysis of the Education Category in App Markets” Human-Computer Interaction: Concepts, Methodologies, Tools, and Applications. Information Science Reference. ISBN: 978-1-4666-8790-5, 1270-1282. (Book Chapter)
26. Bayır, A., **Ozdemir, S.**, Gülseçen, S. (2016). Türkiye’deki Seçmen Eğilimlerinin C4.5 Karar Ağacı Algoritması İle Belirlenmesi. Yönetim Bilişim Sistemleri Dergisi, 1(3). (Determining Voting Tendency in Turkey by Using C4.5 Decision Tree Algorithm in National Journal of Management Information System)
27. Kuyar, Ş., **Ozdemir, S.**, Gülseçen, S. (2016). Kanser Tedavisinde İnternet Üzerinden Erişilebilen Şüpheli Tedavi Önerilerinin Hastalar Tarafından Bilinirliği: İÜ Onkoloji Enstitüsü Örneği, 1(3). (Patient Awareness of Suspicious Treatment Proposals for Cancer Therapy on the Internet: The Case of Istanbul University Oncology Institute in National Journal of Management Information System)
28. Yarman B.S.B., Zaim Gökbay İ., **Ozdemir, S.** (2016). "Hayata Bir Çocuk Bir Çocuğa Hayat: Suça Karışmanın Erken Yaşta Önlenmesi (Mühendislik Yaklaşım)", Nobel Yayın Dağıtım, İSTANBUL (Book: Prevention of Committing Crime in Early Ages-Engineering Approach)
29. Yaman, Y., **Ozdemir, S.** (2016) Evaluation Of Children Universities: Informatics Based Science Courses. 2nd International Congress on Education, Distance Education and Educational Technology-ICDET 05-06 February, 2016 Antalya.

30. **Ozdemir, S.** (2016). Individual Contributions to Infollution (Information Pollution): Trust And Share. International Journal on New Trends in Education & Their Implications (IJONTE), 7(2).
31. **Ozdemir, S.** (2016). Prediction of Vocational School Students Academic Success By Using Decision Trees. International Conference on Innovative Teaching and Technology in Higher Education (ITTHE 2016). 2-3 Haziran 2016. Kadir Has University.
32. **Ozdemir, S.,** Gülseçen, S. (2015). "Aşırı Bilgi Artışının Bilgiye Erişim Sürecindeki Etkileri: İstanbul Üniversitesi Enformatik Bölümü Örneği" Eğitim ve Öğretim Araştırmaları Dergisi 4(3) 334-344. (The Effect of Information Overload on Searching Knowledge: The Case of Informatics Department in National Journal of Research on Education and Teaching)
33. **Ozdemir, S.,** Lanpir E., Atasoy Y., Gülseçen S. (2015). "New Technology Experience In Turkey: The Case Of Bitcoin ", 5 Istanbul Journal of Innovation in Education. Vol.1, Issue 2, pp.47-52
34. Bello M., **Ozdemir, S.,** Gülseçen S. (2015). "Cultural E-Learning Through Erasmus Experience Management ", Istanbul Journal of Innovation in Education. Vol.1, Issue 2, pp.25-36
35. Çelik, U., Herand, D., Engin, M., Akçetin, E., Yaldır, A., **Ozdemir, S.** (2015). Yönetim Bilişim Sistemleri Alanında Metin Madenciliği ile Bilgi Haritalama. 32. Bilişim Kurultayı, Ankara. (Information Mapping via Text Mining in Management Information System Articles presented in conference)
36. **Ozdemir, S.,** "Aşırı Bilgi Artışı"(2015). Bilgi Yönetimi: Bilgi Türeticileri, Büyük Veri, İnovasyon, Kurumsal Zeka. Gülseçen, S.(Ed), Papatya Yayıncılık, İstanbul, ss.14-24, 2015 (Book Chapter: Information Overload)
37. Ayvaz Reis, Z. , **Ozdemir, S.,**Akadal, E. (2015). Awareness Research: Do We Know The New Generation Students?. ERPA International Congresses on Education 2015, ERPA Congresses 2015, 4-7 June 2015,109-116, ISBN: 978-605-83418-0-7.
38. Ayvaz Reis, Z.,Akadal, E., **Ozdemir, S.** (2015). Mobile guidance in touchscreen era: YARDIM@. ERPA International Congresses on Education 2015, ERPA Congresses 2015, 4-7 June 2015, 117- 123, ISBN: 978-605-83418-0-7.
39. Gülseçen S., **Ozdemir, S.,** Gezer M., Akadal E., (2015) "The Good Reader Of Digital World, Digital Natives: Are They Good Writer Of That World?", Procedia-Social and Behavioral Sciences, 191, Elsevier, 2396-2401
40. **Ozdemir, S.** (2014) Contributions of Universities to Children Informatics Education in Turkey. Local Proceedings of 7th International Conference on Informatics in Schools:

Situation, Evolution and Perspectives (ISSEP 2014). 22-25 Eylül 2014, İstanbul, Türkiye 119-121.

41. Ak O., **Ozdemir, S.**, Ayvaz Reis Z. (2014). "Determining The Hierarchy Of Education Criteria In Educational Games By Using Ahp ", 5th International Future-Learning Conference on Innovations in Learning for the Future 2014: e-Learning, İSTANBUL, TÜRKİYE, 5-7 Mayıs 2014, pp.1-1
42. Gülseçen, S., **Ozdemir, S.**, Çelik, S., Uğraş, T., Özcan, M. (2014). Dijital Dünyadan Yansımalar: Bilgide ve Vatandaşlıkta Değişim. XVIII. Türkiye’de İnternet Konferansı Bildiri Kitapçığı (İNET-TR’13). 223-227. ISBN:978-605-85087-1-2 (Reflection on Digital World: Changes in Information and Citizenship presented in conference as workshop)
43. Ayvaz Reis Z., **Ozdemir, S.** (2014). The Effect of DIMLE on Computer Literacy Level of Pre-Service Teachers. Athens Journal of Technology Engineering. Vol1. No.2 pp. 95-102.
44. Gülseçen S., Çelik S., **Ozdemir, S.**, Uğraş T., Özcan M. (2013). "Education In Smart Cities", in: New Challenges in Education, Gallova, M., Guncaga, J., Chanasova, Z., Chovancova, M., Eds., VERBUM – vydavatelstvo Katolíckej univerzity v Ruzomberku, Ruzomberok, pp.118-139-, 2013 (Book Chapter)
45. **Ozdemir, S.**, Akadal, E., Ayvaz Reis, Z. (2013). Uygulama Marketlerinin Eğitim Kategorisi Altındaki Uygulamalarının İncelenmesi. Akademik Bilişim 2013, X. Akademik Bilişim Konferansı Bildirileri, 23-25 Ocak 2013, Akdeniz Üniversitesi, Antalya.(Classification of Educational Apps in App Markets presented in conference)
46. Akadal, E., **Ozdemir, S.**, Ayvaz Reis, Z. (2013). GNU Özgür Belgeleme Lisansı (GFDL) Kapsamındaki Dokümanlar İçin Bir Çevrimiçi Arşiv Geliştirilmesi. Akademik Bilişim 2013, X. Akademik Bilişim Konferansı Bildirileri, 23-25 Ocak 2013, Akdeniz Üniversitesi, Antalya. (Developing an Online Archive for Documents Covered by the Free Documentation License presented in conference)
47. **Ozdemir, S.**, Ayvaz Reis Z. (2012). The Effect Of Dynamic And Interactive Mathematics Learning Environments (Dimle), Supporting Multiple Representations, On Perceptions Of Elementary Mathematics Pre-Service Teachers In Problem Solving Process, Mevlana International Journal of Education (MIJE), vol.3, pp.85-94.
48. Balaban, E., Çelik, S., **Ozdemir, S.** (2012). Yaşanabilir Şehirler Modelinin Kurulması ve Bilişim-İletişim Teknolojilerinin Bu Model Üzerinde Etkisi. VI. İstanbul Bilişim Kongresi, 7-8 Kasım 2012, Bahçeşehir Üniversitesi, İstanbul. (The Establishment of a Living Cities Model and the Influence of Information and Communication Technologies on this Model presented in conference)
49. **Ozdemir, S.**, Ayvaz Reis, Z., Karadağ, Z., (2012) Exploring Elementary Mathematics

Pre-Service Teachers' Perception To Use Multiple Representations In Problem Solving, I. International Dynamic Explorative Active Learning (IDEAL) 2012 Conference, 2-5 July 2012, Bayburt University, Conference Proceedings, p: 241-281 (Atıf Sayısı: 1)

50. Selçukcan Erol, Ç., **Ozdemir, S.**, Özen, Z., Akadal, E., Ayvaz Reis, Z. (2012). Fibonacci Spiral in Sunflower with Geogebra. Journal Of Education and Instructional Studies In The World, 2 (25), ISSN: 2146-7463 pp.190-201
51. Ayvaz Reis, Z., Baktır, H. Ö., Çelik, B., Erkoç, M. F., Özçakır, F. C., **Ozdemir, S.**, Şahin, K. (2012). Açık Kaynak Kodlu Öğrenme Yönetim Sistemleri Üzerine Bir Karşılaştırma Çalışması. Eğitim ve Öğretim Araştırmaları Dergisi (Journal of Research in Education and Teaching), Mayıs, Haziran, Temmuz 2012 Cilt 1 Sayı 2 ISSN: 2146-9199, Sayfa: 42-58 (A Comparative Study on Open Source Learning Management Systems in Journal of Research in Education and Teaching)
52. Ayvaz Reis, Z., Kara Öztürk, E., **Ozdemir, S.** (2012). Investigating the Web Based Distance Education Modules among Teacher Candidates in Special Education. SITE 2012--Society for Information Technology & Teacher Education International Conference, March 5-9, 2012, Austin, Texas, USA, Paul Resta (Ed.), Proceedings of Society for Information Technology & Teacher Education International Conference 2012, ISBN 1-880094-92-4, (pp. 103-108). Chesapeake, VA: AACE., Retrieved from <http://www.editlib.org/p/39545> .
53. Ayvaz Reis, Z., **Ozdemir, S.** (2011). Using Geogebra As An Information Technology Tool: Parabola Teaching, “World Conference on Learning, Teaching and Administration-2010”, Cairo-Egypt, 29-31 October 2010 Conference Proceedings (included in the international ISI proceedings database), Volume 9, p.565-572
54. **Ozdemir, S.** (2011). Oyun Tabanlı Öğrenmede Geogebra Kullanımı: Köklü Sayılar Keşif Oyunu. 5th International Computer & Instructional Technologies Symposium, 22-24 September 2011, Fırat University, ELAZIĞ- TURKEY (Using GeoGebra in Game Based Learning: Root Number Discovery Game)
55. **Ozdemir, S.**, Ayvaz Reis, Z., Erol, Ç. (2011). Yazılım Ürünü Geliştirme Sürecinin Örneklenmesi. Akademik Bilişim'11 - XIII. Akademik Bilişim Konferansı Bildirileri, 1-5 Şubat 2011 İnönü Üniversitesi, Malatya, Baskıda.
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