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Learning Knowledge

Doctorate 2015 - 2021	Suleyman Demirel University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey
Postgraduate 2012 - 2015	Suleyman Demirel University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey
Undergraduate 2007 - 2012	Suleyman Demirel University, Bilgisayar Mühendisliği, Turkey

Foreign Languages

English, C1 Advanced

Published journal articles indexed by SCI, SSCI, and AHCI

- Optimizing echo state network through a novel fisher maximization based stochastic gradient descent**
Ozturk M. M. , Cankaya İ. A. , Ipekci D.
NEUROCOMPUTING, vol.415, pp.215-224, 2020 (Journal Indexed in SCI)
- Classification of Soft Keyboard Typing Behaviors Using Mobile Device Sensors with Machine Learning**
YÜKSEL A. S. , ŞENEL F. A. , ÇANKAYA İ. A.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.44, no.4, pp.3929-3942, 2019 (Journal Indexed in SCI)
- Implementation of a Beacon-Enabled Mobile Indoor Navigation System Using Augmented Reality**
KOYUN A., ÇANKAYA İ. A.
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- Diabetes Diagnosis System Based on Support Vector Machines Trained by Vortex Optimization Algorithm**
ÇANKAYA Ş. F. , ÇANKAYA İ. A. , YİĞİT T., KOYUN A.
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Articles Published in Other Journals

- Artırılmış Gerçekliğin Sanal Sınıf Ortamlarında Kullanılması Noktasında Öğrenci Görüşleri**

KOYUN A., BUDAK H., ÇANKAYA İ. A.

Türkiye Bilişim Vakfı Bilgisayar Bilimleri ve Mühendisliği Dergisi, vol.11, no.1, pp.20-29, 2018 (Other Refereed National Journals)

2. **Ethics and Safety in the Future of Artificial Intelligence: Remarkable Issues**

KÖSE U., ÇANKAYA İ. A. , YİĞİT T.

International Journal of Engineering Science and Application, vol.2, no.2, pp.71-76, 2018 (Refereed Journals of Other Institutions)

3. **Yazma Davranışlarının Mobil Cihaz Sensörleri Kullanılarak Sınıflandırılması, Dicle Üniversitesi Mühendislik Fakültesi Dergisi, 9(1), 2018**

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4. **Mobil Tabanlı Optik Form Değerlendirme Sistemi**

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Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, vol.22, no.2, pp.94-99, 2016 (Other Refereed National Journals)

5. **An Analysis of RDF Storage Models and Query Optimization Techniques**

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International Journal of Information Engineering and Electronic Business, vol.7, no.2, pp.20-26, 2015 (Refereed Journals of Other Institutions)

6. **A Dynamic Content Generation Tool for OOP Course**

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Books & Book Chapters

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3. **IoT for Hospitality Industry:Paperless Buffet Management**

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in: The Internet of Things in the Modern Business Environment, In Lee, Editor, IGI Global, pp.269-288, 2017

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7. An Example Application of Artificial Intelligence Supported Blended Learning Education Program in Computer Engineering

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8. An Example Application of Artificial Intelligence Supported Blended Learning Education Program in Computer Engineering

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Refereed Congress / Symposium Publications in Proceedings

1. **KAPALI ALANDA BLE SİNYAL GÜCÜ SINIFLANDIRMASINA DAYALI DESTEK VEKTÖR MAKİNELERİ**
ERSOY M., ŞENOL R., ÇANKAYA İ. A. , AKSOY B.
2.Uluslararası Türk Dünyası Mühendislik ve Fen Bilimleri Kongresi, Antalya, Turkey, 7 - 10 November 2019, vol.2, pp.147-152
2. **Mobil Uygulamaların Kanser Taramasında Kullanılması ve Etkinliğinin Değerlendirilmesi**
ÇANKAYA B. A. , YILDIRIM BAŞ F., ÇANKAYA İ. A.
15.Aile Hekimliği Araştırma Günleri, Turkey, 21 - 23 November 2019
3. **Riskli Telefon Numaralarının Tespiti için Bulanık Mantık Tabanlı Mobil Uygulamanın Geliştirilmesi**
ÇANKAYA İ. A. , KOYUN A.
1. International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME 2019), Antalya, Turkey, 20 - 22 April 2019
4. **Makine Öğrenmesi ile Mobil Reçeteler Uygulaması**
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1. International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME 2019), Antalya, Turkey, 20 - 22 April 2019
5. **Araçların Kullanıldığı Şehirlerin Kaporta Hasar Raporlarına Göre Derin Öğrenme Sinir Ağlarıyla İle Tahmini**
KOYUN A., ÇANKAYA İ. A.
3. Uluslararası Mesleki ve Teknik Bilimler Kongresi, Gaziantep, Turkey, 21 - 22 June 2018
6. **Şehir Bazlı Hastalık Tahminli Akıllı Reçete Mobil Uygulaması**
KOYUN A., ÇANKAYA İ. A.
3. Uluslararası Mesleki ve Teknik Bilimler Kongresi, Gaziantep, Turkey, 21 - 22 June 2018
7. **An arduino based system for calculating the average life time of a person via indoor oxygen content**
YILMAZ Y., KÖSE U., Celik S., ÇANKAYA Ş. F. , ÇANKAYA İ. A.
4th Electric Electronics, Computer Science, Biomedical Engineerings' Meeting, EBBT 2018, İstanbul, Turkey, 18 - 19 April 2018, pp.1-5
8. **Ethics and Safety in the Future of Artificial Intelligence: Remarkable Issues**
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International Workshop Series on Digital Transformation and Artificial Intelligence 2017 (IDITAI 2017), İstanbul, Turkey, 28 December 2017
9. **CONTROL OF CORRECTNESS OF MOVEMENTS WITH KINECT IN PYHSICAL EDUCATION CLASSES**
ÇANKAYA İ. A. , ÇANKAYA Ş. F. , KOYUN A., YİĞİT T.
3RD INTERNATIONAL CONGRESS on EDUCATION SCIENCES AND LEARNING TECHNOLOGY, 15 - 19 November 2017

10. **CONTRIBUTION OF E-CONTENTS TO STUDENT SUCCESS IN DISTANCE EDUCATION**
PİŞİRİR O. M. , ÇANKAYA Ş. F. , ÇANKAYA İ. A. , TATLI M.
International Congress on Education Sciences and Learning Techonology, Atina, Greece, 15 - 19 November 2017
11. **THE EFFECTAND THE OBSERVATION OF VIRTUAL CLASSROOM PARTICIPATION ON STUDENT SUCCESS IN DISTANCE EDUCATION**
PİŞİRİR O. M. , ÇANKAYA Ş. F. , ÇANKAYA İ. A. , TATLI M.
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12. **Control of Correctness of Movements With Kinect in Pyhsical Education Classes**
ÇANKAYA İ. A. , ÇANKAYA Ş. F. , KOYUN A., YİĞİT T.
3. International Congress on Education Sciences and Learning Technology, Atina, Greece, 15 - 19 November 2017, pp.42
13. **WEB APPLICATION FOR DISTANCE EDUCATION STUDENTS' TO MEASURE COURSE TRENDS**
ÇANKAYA İ. A. , ÇANKAYA Ş. F. , KOYUN A., YİĞİT T.
International Congress on Education Sciences and Learning Technology, Atina, Greece, 15 - 19 November 2017
14. **Development of Mobile Device Controlled Fire Extinguishing Robot withDetermination of LocationUsing GeneticAlgorithms**
ÇANKAYA İ. A. , TATLI M., KOYUN A.
4thINTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING, Kemer-Antalya, Turkey, 4 - 08 October 2017
15. **Development of Mobile Based Arduino Controlled Intelligent Home System Using Artificial Neural Networks**
TATLI M., ÇANKAYA İ. A. , KOYUN A.
ICCESEN 4th International Conference on Computational and Experimental Science and Engineering, 4 - 08 October 2017
16. **MYO Öğrencilerinin Ders Eğilimlerinin Ölçülmesi için Mobil Ders Notları Uygulaması**
ÇANKAYA İ. A. , TATLI M., KOYUN A.
UMYOS VI. Uluslararası Meslek Yüksekokulları Sempozyumu., Saraybosna, Bosnia And Herzegovina, 18 - 20 May 2017, vol.3, pp.148-154
17. **Mobile Indoor Navigation System in iOS Platform Using Augmented Reality**
ÇANKAYA İ. A. , KOYUN A., YİĞİT T., YÜKSEL A. S.
9th International Conference of Information and Communiation Technologies (AICT), Rostov-on-Don, Russia, 14 - 16 October 2015, pp.281-284
18. **iOS Platformunda Artırılmış Gerçeklik ile Yön Belirleme**
ÇANKAYA İ. A. , KOYUN A., YÜKSEL A. S.
Akademik Bilişim, Mersin, Turkey, 5 - 07 February 2014
19. **Evaluation of Blended Learning Approach in Computer Engineering Education**
YİĞİT T., KOYUN A., YÜKSEL A. S. , ÇANKAYA İ. A.
4th World Conference on Learning, Teaching and Educational Leadership (WCLTA), Barcelona, Spain, 27 - 29 October 2013, vol.141, pp.807-812
20. **Evaluation of Blended Learning Approach in Computer Engineering Education**
YİĞİT T., KOYUN A., YÜKSEL A. S. , ÇANKAYA İ. A.
Procedia - Social and Behavioral Sciences, Barcelona, Spain, 27 - 29 October 2013, vol.141, pp.807-812
21. **Test Güdümlü Yazılım Geliştirme Süreci ve Kullanılan Çerçeveler**
KÜÇÜKSİLLE E. U. , Öztürk N., ÇANKAYA İ. A. , YÜKSEL A. S.
7. Ulusal Yazılım Mühendisliği Sempozyumu, İzmir, Turkey, 25 - 28 September 2013

Citations

Total Citations (WOS):23

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Research Areas

Computer Sciences, Engineering and Technology