

Assoc. Prof. YAVUZ ŞENOL

Personal Information

Office Phone: [+90 0232 301 7170](tel:+9002323017170) Extension: 17170

Email: yavuz.senol@deu.edu.tr

Web: <https://avesis.deu.edu.tr/yavuz.senol>

International Researcher IDs

ORCID: 0000-0002-3686-5597

Publons / Web Of Science ResearcherID: P-9848-2019

ScopusID: 16231474400

Yoksis Researcher ID: 182524

Education Information

Doctorate, The University of Sussex, Engineering Phd/Electrical And Electronic Engineering, United Kingdom 1989 - 1994

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 1986 - 1988

Undergraduate, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, Turkey 1983 - 1986

Dissertations

Doctorate, Particle Correlators For a Sounding Rocket Experiment, The University of Sussex, Engineering Phd/Electrical And Electronic Engineering, 1994

Postgraduate, Çok kanallı veri kaydedici dizgesi tasarımı, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 1988

Research Areas

Engineering and Technology

Academic Titles / Tasks

Associate Professor, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2019 - Continues

Assistant Professor, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 1995 - 2019

Lecturer, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 1994 - 1995

Research Assistant, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 1987 - 1994

Academic and Administrative Experience

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Dokuz Eylül University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2020 - Continues

Deputy Head of Department, Dokuz Eylül University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2021 - 2022

Deputy Head of Department, Dokuz Eylül University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2013 - 2016

Deputy Head of Department, Dokuz Eylül University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2008 - 2010

Deputy Head of Department, Dokuz Eylül University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2005 - 2008

Deputy Head of Department, Dokuz Eylül University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2004 - 2005

Head of Department, Dokuz Eylül University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 1997 - 2000

Courses

ENGINEERING DESIGN II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

PROBABILITY AND RANDOM SIGNAL PRINCIPLES, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Ph.D. Thesis, Doctorate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

M.SC. THESIS, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

M.Sc. Thesis, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Ph.D. Research, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

INTRODUCTION TO SIGNALS, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

M.Sc. Research, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2018 - 2019, 2017 - 2018

FINAL YEAR RESEARCH, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

M.Sc. Seminar, Postgraduate, 2022 - 2023, 2021 - 2022

SIGNALS and SYSTEMS, Undergraduate, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018

SIGNALS AND SYSTEMS FOR COMPUTER ENGINEERING, Undergraduate, 2023 - 2024, 2022 - 2023, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

ARTIFICIAL NEURAL NETWORKS, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

NEURAL NETWORK APPLICATIONS IN MECHATRONIC SYSTEMS, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

M.SC. RESEARCH, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

FINAL YEAR PROJECT, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

M.Sc. Seminar, Postgraduate, 2021 - 2022, 2018 - 2019, 2017 - 2018

PH.D. THESIS, Doctorate, 2019 - 2020, 2018 - 2019, 2017 - 2018

PH.D. RESEARCH, Doctorate, 2019 - 2020, 2018 - 2019, 2017 - 2018

Advising Theses

- Şenol Y., Fabric defect detection using deep neural networks, Postgraduate, M.ÖZCAN(Student), 2024
- Şenol Y., Design of wearable systems for activity monitoring and their applications using neural networks and data fusion techniques, Doctorate, G.AŞCIOĞLU(Student), 2021
- ŞENOL Y., MEMS sensörlerine dayalı hareket analizi ve tanıma, Postgraduate, S.AYDOĞAN(Student), 2020
- ŞENOL Y., Görüntü işleme ile çatlak incelemesi, Postgraduate, Ç.GÖNCÜ(Student), 2019
- ŞENOL Y., Aşırı öğrenme makinası topluluğuna dayalı görüntü çakıştırma, Postgraduate, M.GALALELDIN(Student), 2019
- ŞENOL Y., Kullanıcı pozisyonuna bağlı çalışan uzaktan kumanda sistemi, Postgraduate, İ.BİRYOL(Student), 2018
- ŞENOL Y., Düşme tespiti ve aktivitelerin belirlenmesi, Postgraduate, A.ESLEK(Student), 2014
- ŞENOL Y., İnsan yürüyüş analizi ve yürüme patern üretimi, Postgraduate, G.AŞCIOĞLU(Student), 2014
- ŞENOL Y., Sayısal görüntü işleme ile balık tazeliğinin belirlenmesi, Postgraduate, A.KARAGÖZ(Student), 2013
- ŞENOL Y., Görüntü işleme teknikleri ile kumaş dokuma hatalarının tespiti, Postgraduate, S.BAĞKUR(Student), 2013
- ŞENOL Y., Yapay sinir ağları kullanarak görüntü çakıştırma, Postgraduate, D.SAĞIRLIBAŞ(Student), 2010
- ŞENOL Y., Biyomedikal uygulamalarda bağımsız bileşen analizi ve ivmeölçer veri toplama sistemi, Doctorate, T.AKKAN(Student), 2009
- ŞENOL Y., Sinir ağları ile renk reçetesi tahmini, Postgraduate, M.VOLKAN(Student), 2009
- ŞENOL Y., Ses ile kimlik doğrulama uygulamaları için iki aşamalı karar verme algoritması, Postgraduate, E.TANKUT(Student), 2004
- ŞENOL Y., Yapay sinir ağlarının dijital görüntü sıkıştırılmasında kullanımı, Postgraduate, M.AYBAR(Student), 2000
- ŞENOL Y., A survey of neural blind source separation techniques, Postgraduate, S.GÜNEL(Student), 1999
- ŞENOL Y., Otomatik kazan kontrolü için genel sistem tasarımı, Postgraduate, S.YILMAZ(Student), 1997
- ŞENOL Y., Kojenarasyon tesisi kazan ünitesi kontrol sistemi tasarımı, Postgraduate, A.HARTOKA(Student), 1997
- ŞENOL Y., Yolu ile iki boyutlu sinyallerde rasgele gürültü filtrelemesi, Postgraduate, L.ÇILDIR(Student), 1997
- ŞENOL Y., Kendi kendisini ayarlayabilen PID kontrolcüler, Postgraduate, C.AYGÜN(Student), 1997
- ŞENOL Y., Telefon santralleri ağında servis kalitesinin iyileştirilmesi, Postgraduate, S.TÜRKBAŞ(Student), 1997
- ŞENOL Y., A Microcontroller based insulation measurement system, Postgraduate, A.KAPSIZ(Student), 1996
- ŞENOL Y., Harmonic elimination in induction motor drive using space vector method, Postgraduate, T.AKKAN(Student), 1995

Jury Memberships

- Competition, DANIŞMA KURULU ÜYESİ / TEKNOFEST ENGELSİZ YAŞAM TEKNOLOJİLERİ YARIŞMASI, Dokuz Eylül Üniversitesi, August, 2022
- Award, DAAD Postdoctoral Program Prime - Reviewer, German Academic Exchange Service, February, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Activity Recognition Using Different Sensor Modalities and Deep Learning**
Ascioglu G., Şenol Y.
Applied Sciences (Switzerland), vol.13, no.19, 2023 (SCI-Expanded)
- II. **Estimation of actual crop evapotranspiration using artificial neural networks in tomato grown in closed soilless culture system**
Tunalı U., Tüzel I., Tüzel Y., ŞENOL Y.
Agricultural Water Management, vol.284, 2023 (SCI-Expanded)
- III. **Artificial Neural Network-based Prediction Technique for Waterproofness of Seams Obtained by Using Fusible Threads**
Karabay G., Şenol Y., Öztürk H., Meşegül C.
FIBRES AND TEXTILES IN EASTERN EUROPE, vol.151, no.3, pp.1-6, 2022 (SCI-Expanded)

- IV. **Design of a String Encoder-and-IMU-Based 6D Pose Measurement System for a Teaching Tool and Its Application in Teleoperation of a Robot Manipulator**
Yavuz E., ŞENOL Y., Ozcelik M., Aydin H.
JOURNAL OF SENSORS, vol.2021, 2021 (SCI-Expanded)
- V. **Design of a TENS knee pad with integrated textile electrodes**
Akgun D. E., ŞENOL Y., Yesilpınar S.
INDUSTRIA TEXTILA, vol.72, no.3, pp.268-273, 2021 (SCI-Expanded)
- VI. **Design of a Wearable Wireless Multi-Sensor Monitoring System and Application for Activity Recognition Using Deep Learning**
Ascioglu G., Şenol Y.
IEEE ACCESS, vol.8, pp.169183-169195, 2020 (SCI-Expanded)
- VII. **Neural network based thermal protective performance prediction of three-layered fabrics for firefighter clothing**
Dursun M., ŞENOL Y., BULGUN E., AKKAN T.
INDUSTRIA TEXTILA, vol.70, no.1, pp.57-64, 2019 (SCI-Expanded)
- VIII. **PREDICTION OF LOWER EXTREMITY JOINT ANGLES USING NEURAL NETWORKS FOR EXOSKELETON ROBOTIC LEG**
Ascioglu G., ŞENOL Y.
INTERNATIONAL JOURNAL OF ROBOTICS & AUTOMATION, vol.33, no.2, pp.141-149, 2018 (SCI-Expanded)
- IX. **Processing of earthquake catalog data of Western Turkey with artificial neural networks and adaptive neuro-fuzzy inference system**
Kaftan İ., Şalk M., Şenol Y.
ARABIAN JOURNAL OF GEOSCIENCES, vol.10, no.11, 2017 (SCI-Expanded)
- X. **Design of an electronically equipped sailing garment for improved safety**
Kara Ş., Yeşilpınar M. S., Şenol Y., Akkan T.
INDUSTRIA TEXTILA, vol.68, no.1, pp.23-30, 2017 (SCI-Expanded)
- XI. **Design of TENS electrodes using conductive yarn**
Erdem D., YEŞİLPINAR M. S., ŞENOL Y., KARADİBAK D., AKKAN T.
INTERNATIONAL JOURNAL OF CLOTHING SCIENCE AND TECHNOLOGY, vol.28, no.3, pp.311-318, 2016 (SCI-Expanded)
- XII. **Evaluation of gravity data by using artificial neural networks case study: Seferihisar geothermal area (Western Turkey)**
Kaftan İ., Şalk M., Şenol Y.
JOURNAL OF APPLIED GEOPHYSICS, vol.75, no.4, pp.711-718, 2011 (SCI-Expanded)
- XIII. **Accurate and robust image registration based on radial basis neural networks**
Sarnel H., ŞENOL Y.
NEURAL COMPUTING & APPLICATIONS, vol.20, no.8, pp.1255-1262, 2011 (SCI-Expanded)
- XIV. **Active T-shirt**
ŞENOL Y., AKKAN T., Bulgun E. Y., KAYACAN O.
INTERNATIONAL JOURNAL OF CLOTHING SCIENCE AND TECHNOLOGY, vol.23, no.4, pp.249-257, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Multi-Point Multi-Dimensional Accelerometer Data Logging System for Biomedical Applications**
Akkan T., Şenol Y., Özgören M.
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.24, no.72, pp.787-797, 2022 (Peer-Reviewed Journal)
- II. **Examination of Waterproof Pockets as Protective Carriers for Smart Garments**
Akkan T., Kara Ş., Ağın B., Yeşilpınar M. S., Şenol Y.

- Tekstil ve Mühendis (Journal of Textiles and Engineer), vol.29, no.126, pp.80-87, 2022 (Peer-Reviewed Journal)
- III. **A smart Jacket design for firefighters**
Dursun M., Bulgun E., ŞENOL Y., AKKAN T.
Tekstil ve Muhendis, vol.26, no.113, pp.63-70, 2019 (Scopus)
- IV. **TWO-STAGE DECISION MAKING ALGORITHM FOR SPEAKER VERIFICATION WITH TRAINING SET OPTIMIZATION**
YAPAROĞLU E. T., ŞENOL Y.
Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.8, no.1, pp.48-58, 2019 (Peer-Reviewed Journal)
- V. **Aktivite tanımlama için en etkin vücut bölgelerinin belirlenmesi**
AŞCIOĞLU G., ŞENOL Y.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.20, no.2, pp.372-381, 2018 (Peer-Reviewed Journal)
- VI. **A Smart Garment for Gait Analysis**
Aşcıoğlu G., ŞENOL Y., ERDEM D.
Journal of Fashion Technology Textile Engineering, vol.4, 2018 (Peer-Reviewed Journal)
- VII. **Design of TENS Electrodes Using Different Production Techniques**
Erdem D., YEŞİLPINAR M. S., ŞENOL Y., AKKAN T., KARADİBAK D.
TEKSTILEC, vol.59, no.2, pp.132-136, 2016 (ESCI)
- VIII. **İnsan Bacak Hareketleri İçin Prototip Dış İskelet Robotik Sisteminin Mekanik Tasarımı Ve Hareket Verilerinin Yapay Sinir Ağları İle Elde Edilmesi**
Toygar E. M., Özkurt A., Kiral Z., Çakmakçı M., Gören Kiral B., Şenol Y., Akkan T., Arman Y., Olcay T., Dağhan N. M., et al.
SAKARYA UNIVERSITY JOURNAL OF SCIENCE, vol.16, no.3, pp.234-248, 2012 (Peer-Reviewed Journal)
- IX. **MINIMAL SORTING NETWORK REALIZATION ON FPGA FOR GENETIC PROGRAMMING**
YILMAZ Ş., ŞENOL Y., GÜNDÜZALP M.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, no.1, pp.26-36, 2006 (Peer-Reviewed Journal)
- X. **Aktif ve Pasif Entegratör Devrelerinin Uygulanmaya Yönelik Bir Karşılaştırması**
KARACA H., ŞENOL Y.
Endüstri ve Otomasyon, no.23, pp.18-21, 1999 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Biometrical Source Identification in complex EEG signals**
AKKAN T., ŞENOL Y., ÖNİZ A., ÖZGÖREN M.
in: Biometrical Source Identification in complex EEG signals The Applied Biophysics Uygulamalı Beyin Biyofiziği ve Multidisipliner Yaklaşım, Murat ÖZGÖREN, Editor, Dokuz Eylül Yayınları D.E.U.Rektörlük Matbaası, İzmir, pp.297-307, 2009
- II. **Microprocessor Applications Software Workbook (Revised Second Edition)**
ERDAŞ N., GÜNEL S., İNKAYA I., ŞENOL Y.
Dokuz Eylül Üniversitesi Muh. Fakültesi Basım Ünitesi, İzmir, 1999
- III. **Microprocessor Applications Software Workbook**
ÖZKURT N., GÜNEL S., İNKAYA YAPALI I., ŞENOL Y.
Dokuz Eylül Üniversitesi Muh. Fak., İzmir, İzmir, 1999
- IV. **Micropocessor Systems Hardware Workbook**
Günel S., İnkaya Yapalı I., Özkurt N., Şenol Y.
Dokuz Eylül Yayınları, İzmir, 1998
- V. **Micropocessor Sysytems Hardware Workbook**
GÜNEL S., İNKAYA I., ERDAŞ N., ŞENOL Y.
Dokuz Eylül Üniversitesi Muh. Fak., İzmir, 1998

Refereed Congress / Symposium Publications in Proceedings

- I. **Using Deep Learning Architectures in Detecting Fabric Defects**
Özcan M., ŞENOL Y.
EGE 10th International Conference On Applied Sciences, İzmir, Turkey, 22 December 2023, pp.2818-2827
- II. **Determination of Earthquake Focal Mechanism Using Artificial Intelligence**
Kaftan İ., Şenol Y., Kalkar B., Gök E.
7th International Conference on Earthquake Engineering and Seismology (7ICEES), Antalya, Turkey, 6 - 10 November 2023, pp.1-7
- III. **İnsan Aktivitesi Tanınması için Makine Öğrenmesi Algoritmalarının Performanslarının Karşılaştırılması**
Bostan B., ŞENOL Y., Aşcıoğlu G.
2022 30th Signal Processing and Communications Applications Conference (SIU), Safranbolu, Turkey, 15 - 18 May 2022
- IV. **Extreme Learning Machine For Local Range For Fine Image Registration**
Elobaid M. G. A., ŞENOL Y.
International Marmara Sciences and Social Sciences Congress, Kocaeli, Turkey, 1 - 03 November 2019, pp.98-104
- V. **Inertial Measurement Unit Sensor Supported Bluetooth Based Fall Detection System for Sailors**
AĞIN B., YEŞİLPINAR M. S., AKKAN T., ŞENOL Y., KARA Ş.
International Conference on Engineering Technologies (ICENTE 2019), Konya, Turkey, 25 - 27 October 2019
- VI. **Gesture Analysis and Recognition Based on Mems Sensors**
AYDOĞAN S., ŞENOL Y.
International Turkic World Congress on Science and Engineering, Niğde, Turkey, 17 - 18 June 2019, pp.159
- VII. **Design of a String-Encoder and IMU Based 6D Pose Measurement System**
Yavuz E., ŞENOL Y., Ozcelik M., Aydm H.
11th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Pitesti, Romania, 27 - 29 June 2019
- VIII. **Image Registration using Extreme Learning Machine Neural Network**
Galaleldin Ali M., ŞENOL Y.
7th International Conference on Advanced Technologies, ICAT'xx18, Alanya, Turkey, 14 - 16 November 2018, pp.282-290
- IX. **Crack Inspection Using Image Processing Techniques**
Çağatay G., ŞENOL Y.
International Marmara Science and Social Sciences Congress, Kocaeli, Turkey, 23 - 25 November 2018, pp.1145-1150
- X. **Design of a TENS Knee Pad with Integrated Textile Electrodes**
ERDEM D., YEŞİLPINAR M. S., ŞENOL Y.
7th International Technical Textiles Congress, İzmir, Turkey, 10 - 12 October 2018, pp.153-158
- XI. **Radio Remote Control System Operating in Respect to Operator Position**
Biryol İ., ŞENOL Y.
7th International Conference on Advanced Technologies ICAT'18, Antalya, Turkey, 28 April - 01 May 2018, pp.277-281
- XII. **A smart Garment for Gait Analysis**
AŞCIOĞLU G., ŞENOL Y., ERDEM D.
ITMC2017 -International Conference on Intelligent Textiles and Mass Customisation, Ghent, Belgium, 15 - 18 October 2017, pp.1-6
- XIII. **Design of TENS Electrodes Using Different Production Techniques**
ERDEM D., YEŞİLPINAR M. S., ŞENOL Y., AKKAN T., KARADİBAK D.
16th World Textile Conference AUTEX 2016, 8 - 10 June 2016
- XIV. **Measurement of Human alking on Sagittal Plane for Exoskeleton Walking Pattern Generation**
OLCAY T., ÖZKURT A., TOYGAR E. M., AKKAN T., ŞENOL Y.

ELECO 2015 9th International Conference on Electrical and Electronics Engineering, Bursa, Turkey, 26 - 28 November 2015

- XV. **design of tens electrodes using conductive yarn**
ERDEM D., YEŞİLPINAR M. S., ŞENOL Y., KARADİBAK D., AKKAN T.
6th international technical textiles congress, 14 - 16 October 2015
- XVI. **Design of An Electronically Equipped Sailing Garment for Fall Detection**
KARA Ş., YEŞİLPINAR M. S., ŞENOL Y., AKKAN T.
6th International Technical Textile Congress, İzmir, Turkey, 14 - 16 October 2015, pp.117-120
- XVII. **DESIGN OF AN ELECTRONICALLY EQUIPPED SAILING GARMENT FOR FALL DETECTION**
KARA Ş., YEŞİLPINAR M. S., ŞENOL Y., AKKAN T.
VI. International Technical Textiles Congress, İzmir, Turkey, 14 - 16 October 2015, pp.117-120
- XVIII. **DESIGN OF TENS ELECTRODES USING CONDUCTIVE YARN**
ERDEM D., YEŞİLPINAR M. S., ŞENOL Y., KARADİBAK D., AKKAN T.
6th International Technical Textiles Congress, İzmir, Turkey, 14 - 16 October 2015, pp.41-43
- XIX. **Measurement of Human Walking on Sagittal Plane for Exoskeleton Walking Pattern Generation**
OLCAY T., ÖZKURT A., TOYGAR E. M., AKKAN T., ŞENOL Y.
9th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 26 - 28 November 2015, pp.171-173
- XX. **Monitoring of Vital Parameters with the Integrated Sensors on the Firefighter Jacket**
YILMAZ M., BULGUN E., ŞENOL Y., AKKAN T.
International Istanbul Textile Congress 2013 Innovative and Functional Textiles, İstanbul, Turkey, 30 - 31 May 2013, pp.111
- XXI. **Analysis of Bouguer Gravity Data of Gediz Graben with Artificial Neural Networks**
KAFTAN İ., ŞALK M., ŞENOL Y.
Istanbul 2012 - International Geophysical Conference and Oil and Gas Exhibition, Istanbul, Turkey, Turkey, 17 - 19 September 2012, pp.1-4
- XXII. **Designing smart garment for firefighters**
YILMAZ M., YAZGAN BULGUN E., ŞENOL Y., AKKAN T.
5th ECPC and Nokobetef 10, Valencia, Spain, 29 - 31 May 2012
- XXIII. **BATI TÜRKİYE DEPREM KATALOG VERİLERİNİN YAPAY SİNİR AĞLARI İLE DEĞERLENDİRİLMESİ**
KAFTAN İ., ŞALK M., ŞENOL Y.
TÜRKİYE 19. ULUSLARARASI JEOFİZİK KONGRE ve SERGİSİ, Ankara, Turkey, 23 - 26 November 2010, pp.1-4
- XXIV. **STC-SAFE TRAVELLING CLOTH**
YAZGAN BULGUN E., KAYACAN O., ŞENOL Y., AKKAN T., YILMAZ M.
AUTEX 2010 WORLD TEXTILE CONFERENCE, Vilnius, Lithuania, 21 - 23 June 2010, pp.1-4
- XXV. **ACTIVE T-SHIRT**
ŞENOL Y., AKKAN T., BULGUN E., KAYACAN O.
4th International Technical Textiles Congress, İstanbul, Turkey, 16 - 18 May 2010
- XXVI. **Accurate affine image registration using radial basis neural networks**
SARNEL H., ŞENOL Y.
The 6th International Conference on Electrical Engineering ICEENG-6, Cairo, Egypt, 27 - 29 May 2008, pp.1-6
- XXVII. **INDEPENDENT COMPONENT ANALYSIS ON EEG SWEATING ARTIFACT**
AKKAN T., ŞENOL Y., ÖNİZ A., ÖZGÖREN M.
Genç Bilim İnsanları ile Beyin Biyofiziği II. Çalıştayı, İzmir, Turkey, 21 - 23 February 2008, pp.45
- XXVIII. **Applied Accelerometer Data Logging System**
AKKAN T., ŞENOL Y.
Genç Bilim İnsanları ile Beyin Biyofiziği II. Çalıştayı, İzmir, Turkey, 21 - 23 February 2008, pp.79
- XXIX. **ACCURATE AND ROBUST IMAGE REGISTRATION BASED ON RADIAL BASIS NEURAL NETWORKS**
Sarnel H., ŞENOL Y., Sagirlibas D.
23rd International Symposium on Computer and Information Sciences, İstanbul, Turkey, 27 - 29 October 2008, pp.314-318

- XXX. **A Low-Cost Multi-Channel Simultaneous Sound Capturing System for Independent Component Analysis**
AKKAN T., ŞENOL Y.
IEEE 16th Signal Processing and Communications Applications Conference, Aydın, Turkey, 20 - 22 April 2008, pp.316-317
- XXXI. **Capturing and Analysis of Knee-Joint Signals Using Accelerometers**
AKKAN T., ŞENOL Y.
IEEE 16th Signal Processing and Communications Applications Conference, Aydın, Turkey, 20 - 22 April 2008, pp.312-313
- XXXII. **Biometrical Source Identification in Complex EEG Signals**
AKKAN T., ŞENOL Y., ÖNİZ A., ÖZGÖREN M.
Genç Bilim İnsanları ile Beyin Biyofiziği I. Çalıştayı, İzmir, Turkey, 9 - 11 May 2007, pp.56
- XXXIII. **KONUŞMACI DOGRULAMADA İKİ-AŞAMALI KARAR VERME ALGORİTMASI**
YAPAROĞLU E. T., ŞENOL Y.
IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 17 - 19 April 2006, pp.1-4
- XXXIV. **Two-stage decision making algorithm for speaker verification**
Yaparoglu E. T., ŞENOL Y.
IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 16 - 19 April 2006, pp.57-58
- XXXV. **Probleme Dayalı Mühendislik Öğreniminde Eğitim yönlendiriciliği**
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