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Personal Information

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International Researcher IDs

ScholarID: AAFqhVIAAAAJ

ORCID: 0000-0002-8445-0388

Publons / Web Of Science ResearcherID: V-5118-2019

ScopusID: 24339552000

Yoksis Researcher ID: 48766

Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), Turkey 2005 - 2010

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 2002 - 2005

Undergraduate, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 1998 - 2002

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Abdominal image segmentation and visualization using hierarchical neural networks, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), 2010

Postgraduate, An object oriented transfer function editor for interactive medical volume visualization, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 2005

Research Areas

Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition, Biomedical Image Processing, Electrical and Electronics Engineering

Academic Titles / Tasks

Professor, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2023 - Continues
Associate Professor, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2015 - Continues

Assistant Professor, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2011 - 2015
Research Assistant PhD, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2010 - 2011
Research Assistant, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 2002 - 2010
Researcher, Columbia University, Engineering Faculty, Biomedical Engineering, 2009 - 2009
Researcher, Fachhochschule Aachen, Engineering Faculty, Medical Engineering And Applied Mathematics, 2004 - 2005

Academic and Administrative Experience

Director of the Center, Dokuz Eylul University, Rektörlük, Bioizmir Uluslararası Sağlık Teknolojileri Geliştirici Ve Hızlandırıcı Uygulama Ve Araştırma Merkezi, 2023 - Continues
Fakülte Kurulu Üyesi, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2023 - Continues
Eğitim ve Müfredat Kurulu üyesi, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2022 - Continues
Adaptation/Exemption Committee Member, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2022 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2015 - Continues
Deputy Head of Department, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2018 - 2020
Erasmus Program Department Coordinator, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2015 - 2020
Mevlana Exchange Program Department Coordinator, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2015 - 2020
DEÜ Tekstil, Hazır Giyim ve Boya Araştırma-Uygulama Merkezi Merkez Danışma Kurulu Üyesi, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2013 - 2016

Courses

Ph.D. Thesis, Doctorate, 2023 - 2024, 2021 - 2022, 2020 - 2021, 2019 - 2020
Medical Imaging Systems, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
RESEARCH PROJECT, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
Biomedical Image Processing, Postgraduate, 2023 - 2024, 2020 - 2021, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2013 - 2014, 2012 - 2013
Digital Image Processing, Postgraduate, 2021 - 2022, 2018 - 2019, 2017 - 2018
Circuit Theory I, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2015 - 2016, 2013 - 2014, 2012 - 2013
Digital Image Processing, Undergraduate, 2021 - 2022
Circuit Theory II, Undergraduate, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2012 - 2013
Advanced Topics in Digital Image Processing, Doctorate, 2019 - 2020, 2017 - 2018
Magnetic Resonance Imaging, Postgraduate, 2019 - 2020, 2013 - 2014
Transform Theory and Its Applications, Doctorate, 2016 - 2017, 2014 - 2015
Linear Algebra, Undergraduate, 2014 - 2015, 2013 - 2014

Linear and Nonlinear Programming, Postgraduate, 2014 - 2015
Signals and Systems, Undergraduate, 2014 - 2015
Neural Networks for Signal Processing, Postgraduate, 2013 - 2014
Introduction to Signals, Undergraduate, 2013 - 2014, 2012 - 2013
Differential Equations, Undergraduate, 2013 - 2014, 2012 - 2013
Linear System Theory I, Doctorate, 2013 - 2014, 2012 - 2013
Biomedical Computing, Postgraduate, 2012 - 2013
Computer Algorithms-1, Postgraduate, 2012 - 2013

Advising Theses

Selver M. A., Tıbbi görüntüleme sistemlerine yönelik bilgisayar laboratuvarı deneylerinin tek bir nesne için tasarlanması, uygulanması ve değerlendirilmesi, Postgraduate, M.UNAY(Student), 2021
SELVER M. A., Karaciğerde başarımlı ve duyarlılığı geliştirilmiş bölütleme için farklı yöntemlerin makina öğrenmesi tabanlı en iyilenmiş füzyonu, Doctorate, A.EMRE(Student), 2020
SELVER M. A., Canlı vericili karaciğer nakli için karaciğer damar ağacı bölütleme, Postgraduate, P.BULUJU(Student), 2019
SELVER M. A., Demiryolu sürücü destek sistemleri için yaya saptama, Postgraduate, T.TOPRAK(Student), 2018
SELVER M. A., Kornea nakli için esnek hesaplama teknikleri ile otomatik öncelik belirleme sistemi, Postgraduate, V.BEHROUZ(Student), 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Voxel level dense prediction of acute stroke territory in DWI using deep learning segmentation models and image enhancement strategies**
Koska I. O., SELVER M. A., Gelal F., Uluc M. E., Çetinoğlu Y. K., Yurttutan N., Serindere M., DİCLE O.
Japanese Journal of Radiology, 2024 (SCI-Expanded)
- II. **Cross-Modal Learning via Adversarial Loss and Covariate Shift for Enhanced Liver Segmentation**
Ozkan S., SELVER M. A., Baydar B., Kavur A. E., Candemir C., AKAR G.
IEEE Transactions on Emerging Topics in Computational Intelligence, 2024 (SCI-Expanded)
- III. **Myofascial Trigger Point Identification in B-Mode Ultrasound: Texture Analysis Versus a Convolutional Neural Network Approach**
Koh R. G. L., Dilek B., Ye G., Selver A., Kumbhare D.
Ultrasound in Medicine and Biology, vol.49, no.10, pp.2273-2282, 2023 (SCI-Expanded)
- IV. **An Operational Burden Issue: Deciding on a Corneal Recipient From the Corneal Transplant Wait List for Elective Corneal Transplant.**
Cakmak B., Yeniyo S., Gonen E. S., Yaman E., Arici H. B., Celikel R. F., Selver M. A., Barut Selver O.
Experimental and clinical transplantation : official journal of the Middle East Society for Organ Transplantation, 2023 (SCI-Expanded)
- V. **Diverse Task Classification from Activation Patterns of Functional Neuro-Images Using Feature Fusion Module**
Bişkin O. T., Candemir C., Gonul A. S., SELVER M. A.
Sensors, vol.23, no.7, 2023 (SCI-Expanded)
- VI. **Chain code strategy for lossless storage and transfer of segmented binary medical data**
Aldemir E., Arturo Tapia Dueñas O., Emre Kavur A., Tohumoğlu G., Sánchez-Cruz H., Alper Selver M.
EXPERT SYSTEMS WITH APPLICATIONS, vol.216, pp.119449-119461, 2023 (SCI-Expanded)
- VII. **Automatic Detection of Emotional Changes Induced by Social Support Loss Using fMRI**
Candemir C., Gonul A. S., SELVER M. A.
IEEE Transactions on Affective Computing, vol.14, no.1, pp.706-717, 2023 (SCI-Expanded)
- VIII. **Measurement of the active toxoplasma retinochoroiditis lesion size during the disease course with**

swept-source optical coherence tomography angiography: A retrospective image analysis

ATAŞ F., KAYA M., Toprak T., AKBULUT YAĞCI B., Selver A., SAATCI A. O.

INTERNATIONAL OPHTHALMOLOGY, vol.41, no.12, pp.4127-4135, 2021 (SCI-Expanded)

- IX. **Abdominal multi-organ segmentation with cascaded convolutional and adversarial deep networks**
Conze P., Kavur A. E., Gall E. C., GEZER N. S., Meur Y. L., Selver M. A., Rousseau F.
ARTIFICIAL INTELLIGENCE IN MEDICINE, vol.117, 2021 (SCI-Expanded)
- X. **CHAOS Challenge- combined (CT-MR) healthy abdominal organ segmentation**
Kavur A. E., GEZER N. S., BARIŞ M. M., ASLAN S., Conze P., Groza V., Duc Duy Pham D. D. P., Chatterjee S., Ernst P., Ozkan S., et al.
MEDICAL IMAGE ANALYSIS, vol.69, 2021 (SCI-Expanded)
- XI. **Utilizing resonant scattering signal characteristics via deep learning for improved classification of complex targets**
Toprak T., SELVER M. A., SEÇMEN M., ZORAL E. Y.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.29, no.1, pp.334-348, 2021 (SCI-Expanded)
- XII. **A Robotic System for Warped Stitching Based Compressive Strength Prediction of Marbles**
SELVER M. A.
IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS, vol.16, no.11, pp.6796-6805, 2020 (SCI-Expanded)
- XIII. **Conditional Weighted Ensemble of Transferred Models for Camera Based Onboard Pedestrian Detection in Railway Driver Support Systems**
Toprak T., Belenlioglu B., Aydin B., Guzelis C., SELVER M. A.
IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, vol.69, no.5, pp.5041-5054, 2020 (SCI-Expanded)
- XIV. **Reversible 3D compression of segmented medical volumes: usability analysis for teleradiology and storage**
Aldemir E., GEZER N. S., TOHUMOĞLU G., Baris M. M., Kavur A. E., DİCLE O., SELVER M. A.
MEDICAL PHYSICS, vol.47, no.4, pp.1727-1737, 2020 (SCI-Expanded)
- XV. **Comparison of semi-automatic and deep learning-based automatic methods for liver segmentation in living liver transplant donors**
Kavur A. E., GEZER N. S., BARIŞ M. M., Sahin Y., Ozkan S., Baydar B., Yuksel U., KILIKÇIER Ç., Olut S., AKAR G., et al.
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.26, no.1, pp.11-21, 2020 (SCI-Expanded)
- XVI. **Transferring Synthetic Elementary Learning Tasks to Classification of Complex Targets**
SELVER M. A., Toprak T., SEÇMEN M., ZORAL E. Y.
IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS, vol.18, no.11, pp.2267-2271, 2019 (SCI-Expanded)
- XVII. **Binary medical image compression using the volumetric run-length approach**
Aldemir E., TOHUMOĞLU G., SELVER M. A.
IMAGING SCIENCE JOURNAL, vol.67, no.3, pp.123-135, 2019 (SCI-Expanded)
- XVIII. **Medical volume enhancement using 3-d brushlet transform**
SELVER M. A., DİCLE O.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.33, no.4, pp.1215-1230, 2018 (SCI-Expanded)
- XIX. **Hierarchical Reconstruction and Structural Waveform Analysis for Target Classification**
SELVER M. A., Taygur M. M., SEÇMEN M., ZORAL E. Y.
IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, vol.64, no.7, pp.3120-3129, 2016 (SCI-Expanded)
- XX. **Design and Configuration of a Medical Imaging Systems Computer Laboratory Syllabus**
SELVER M. A.
IEEE TRANSACTIONS ON EDUCATION, vol.59, no.2, pp.129-136, 2016 (SCI-Expanded)
- XXI. **Implementation and use of 3D pairwise geodesic distance fields for seeding abdominal aortic vessels**
SELVER M. A., Kavur A. E.
INTERNATIONAL JOURNAL OF COMPUTER ASSISTED RADIOLOGY AND SURGERY, vol.11, no.5, pp.803-816, 2016 (SCI-Expanded)
- XXII. **Systematic Parameterization, Storage, and Representation of Volumetric DICOM Data**

- Fischer F., SELVER M. A., Gezer S., DİCLE O., Hillen W.
 JOURNAL OF MEDICAL AND BIOLOGICAL ENGINEERING, vol.35, no.6, pp.709-723, 2015 (SCI-Expanded)
- XXIII. **Exploring Brushlet Based 3D Textures in Transfer Function Specification for Direct Volume Rendering of Abdominal Organs**
 SELVER M. A.
 IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS, vol.21, no.2, pp.174-187, 2015 (SCI-Expanded)
- XXIV. **SEGMENTATION OF ABDOMINAL ORGANS FROM MR IMAGES USING MULTI-LEVEL HIERARCHICAL CLASSIFICATION**
 Selvi E., SELVER M. A., Kavur A. E., GÜZELİŞ C., DİCLE O.
 JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.30, no.3, pp.533-546, 2015 (SCI-Expanded)
- XXV. **Segmentation of abdominal organs from CT using a multi-level, hierarchical neural network strategy**
 SELVER M. A.
 COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, vol.113, no.3, pp.830-852, 2014 (SCI-Expanded)
- XXVI. **Textural fabric defect detection using statistical texture transformations and gradient search**
 Selver M. A., Avsar V., Özdemir H.
 JOURNAL OF THE TEXTILE INSTITUTE, vol.105, no.9, pp.998-1007, 2014 (SCI-Expanded)
- XXVII. **Performance analysis of distance transform based inter-slice similarity information on segmentation of medical image series**
 Selvi E., Özdemir M., SELVER M. A.
 Mathematical and Computational Applications, vol.18, no.3, pp.511-520, 2013 (SCI-Expanded)
- XXVIII. **An automated industrial conveyor belt system using image processing and hierarchical clustering for classifying marble slabs**
 SELVER M. A., AKAY O., Alim F., Bardakci S., ÖLMEZ M.
 ROBOTICS AND COMPUTER-INTEGRATED MANUFACTURING, vol.27, no.1, pp.164-176, 2011 (SCI-Expanded)
- XXIX. **Integrating Segmentation Methods From Different Tools Into a Visualization Program Using an Object-Based Plug-In Interface**
 Fischer F., SELVER M. A., Hillen W., Guezelis C.
 IEEE TRANSACTIONS ON INFORMATION TECHNOLOGY IN BIOMEDICINE, vol.14, no.4, pp.923-934, 2010 (SCI-Expanded)
- XXX. **Cascaded and Hierarchical Neural Networks for Classifying Surface Images of Marble Slabs**
 SELVER M. A., AKAY O., Ardali E., YAVUZ A. B., ÖNAL O., Oezden G.
 IEEE TRANSACTIONS ON SYSTEMS MAN AND CYBERNETICS PART C-APPLICATIONS AND REVIEWS, vol.39, no.4, pp.426-439, 2009 (SCI-Expanded)
- XXXI. **Semiautomatic Transfer Function Initialization for Abdominal Visualization Using Self-Generating Hierarchical Radial Basis Function Networks**
 SELVER M. A., Guezelis C.
 IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS, vol.15, no.3, pp.395-409, 2009 (SCI-Expanded)
- XXXII. **Patient oriented and robust automatic liver segmentation for pre-evaluation of liver transplantation**
 SELVER M. A., KOCAOĞLU A., KALAYCI DEMİR G., DOĞAN H., DİCLE O., Guezelis C.
 COMPUTERS IN BIOLOGY AND MEDICINE, vol.38, no.7, pp.765-784, 2008 (SCI-Expanded)
- XXXIII. **A software tool for interactive generation, representation, and systematical storage of transfer functions for 3D medical images**
 SELVER M. A., Fischer F., Kuntalp M., Hillen W.
 COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, vol.86, no.3, pp.270-280, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Efficacy of Topical Brinzolamide Treatment in Posterior Microphthalmos-Related Macular Cystoid Lesions: A Case Series.**
Durmaz E. C., Baran E. U., SELVER M. A., Saatçi A. O.
Turkish journal of ophthalmology, vol.50, no.1, pp.44-49, 2020 (Scopus)
- II. **TIBBİ GÖRÜNTÜLERİN İŞLENMESİ, TANIYA YARDIMCI YAZILIMLAR ve RADYOLOJİ İŞ İSTASYONLARI**
Selver M. A.
Elektrik Mühendisliği, no.454, pp.27-31, 2015 (Non Peer-Reviewed Journal)
- III. **Nakil Öncesi Verici Değerlendirmeleri için Otomatik Karaciğer Bölütleme Yordamı**
SELVER M. A., KOCAOĞLU A., DOĞAN H., KALAYCI DEMİR G., DİCLE O., GÜZELİŞ C.
Hastane ve Yaşam, no.29, pp.80-87, 2008 (Non Peer-Reviewed Journal)

Books & Book Chapters

- I. **Basic Ensembles of Vanilla-Style Deep Learning Models Improve Liver Segmentation From CT Images**
Kavur A. E., Kuncheva L., Selver M. A.
in: Convolutional Neural Networks for Medical Image Processing Applications, Şaban Öztürk, Editor, CRC, New York, Oxford, pp.52-74, 2023
- II. **Automatic Classification of fMRI Signals from Behavioral, Cognitive and Affective Tasks Using Deep Learning**
Candemir C., Bişkin O. T., Selver M. A., Gönül A. S.
in: Convolutional Neural Networks for Medical Image Processing Applications, Saban Ozturk, Editor, CRC, New York, Oxford, pp.132-153, 2022
- III. **Visual and LIDAR Data Processing and Fusion as an Element of Real Time Big Data Analysis for Rail Vehicle Driver Support Systems**
SELVER M. A., ATAÇ E., Benlioğlu B., Doğan S., ZORAL E. Y.
in: Innovative Applications of Big Data in the Railway Industry, Kohli, Shruti, Kumar, A.V. Senthil, Easton, John M., Roberts, Clive, Editor, IGI Global, Birmingham, pp.40-66, 2017
- IV. **Multilevel Data Classification and Function Approximation Using Hierarchical Neural Networks**
Selver M. A., Güzeliş C.
in: Computational Methods for the Innovative Design of Electrical Devices, Sławomir Wiak, Ewa Napieralska-Juszczak, Editor, Springer, London/Berlin, Heidelberg, pp.147-166, 2011

Refereed Congress / Symposium Publications in Proceedings

- I. **Identifying Myofascial Trigger Point in B-mode Ultrasound: Texture Analysis vs a Convolutional Neural Network Approach**
Koh R. G. L., Dilek B., Ye G., Selver M. A., Kumbhare D.
REHAB WEEK 2023, Singapore, Singapore, 24 - 28 September 2023
- II. **Selecting Adequate Basis Model for Adaptation in Pedestrian Detection**
toprak T., Özçelikörs M., SELVER M. A.
IEEE 25th International Conference on Intelligent Transportation Systems (ITSC), 08 October 2022
- III. **Otoskleroz Tanısına Yeni Bir Yaklaşım: Volumetrik Dansite Ölçümü ve Radyomik Özellikleri**
Bariş M. M., Sarı E. A., Sarı S., Toprak T., Olgun Y., Karabay N., Güneri E. A., Selver M. A.
TÜRK NÖRORADYOLOJİ DERNEĞİ ULUSLARARASI KATILIMLI 31. YIL YILLIK TOPLANTISI, 17 - 20 February 2022, pp.40-41
- IV. **COVID-19 PNÖMONİSİNİN AKCİĞER GRAFİSİ İLE TANISINDA YAPAY ZEKA UYGULAMASI**
Selver M. A., Tunacı A., Ertürk Ş. M.
TURKRAD 2021, Antalya, Turkey, 26 - 31 October 2021, pp.10-12
- V. **Karmaşık Hedeflerin Aktarımlı Öğrenme ile Sınıflandırmasında Yapay Sinyallerin Başarıma Etkisi**

Toprak T., Selver M. A., Seçmen M., Zoral E. Y.

URSI-TÜRKİYE 2021 X. Bilimsel Kongresi, 7 - 09 September 2021, pp.1-3

- VI. **Reliability Assessment of Denoising Methods for Change Point and Activation Detection in Lack of Ground Truth from fMRI**
CANDEMİR C., GÖNÜL A. S., SELVER M. A.
2020 Innovations in Intelligent Systems and Applications Conference, ASYU 2020, İstanbul, Turkey, 15 - 17 October 2020
- VII. **Limitations of Feature-Classifer Strategies on Pedestrian Detection for Self Driving Cars**
Toprak T., Can B. A., Ozcelikors M., Tekin S. B., SELVER M. A.
2nd International Conference on Electrical, Communication and Computer Engineering, ICECCE 2020, İstanbul, Turkey, 12 - 13 June 2020
- VIII. **Görüntüleme Bilişimi: Temel Algoritmalar**
Selver M. A.
TURKRAD 2019, Antalya, Turkey, 5 - 09 November 2019
- IX. **Görüntüleme Bilişimi: II. Yapay Sinir Ağları ve Derin Ağlar**
SELVER M. A.
TURKRAD 2019, 5 - 09 November 2019
- X. **Teknik Gözle Yapay Zeka**
SELVER M. A.
TURKRAD 2019, 5 - 09 November 2019
- XI. **Comparative analysis of manual delineation, semi-automatic extraction and automatic deep models for segmentation in liver volumetry from MRI**
Gezer N. S., Barış M. M., Kavur A. E., Yüksel U., Dicle O., Selver M. A.
TÜRKRAD 2019, Antalya, Turkey, 5 - 10 November 2019
- XII. **SOSYAL DESTEK FMRI ANALİZİ İÇİN GRUP AKTİVASYON ALANLARININ BELİRLENMESİ**
CANDEMİR C., ÖZKUL B., OĞUZ K., SELVER M. A., GÖNÜL A. S.
TURKRAD2019, 5 - 10 November 2019
- XIII. **Comparative Analysis of Manual Delineation, Semi-automatic Extraction and Automatic Deep Models for Segmentation in Liver Volumetry from MRI**
GEZER N. S., BARIŞ M. M., Kavur A. E., Yüksel U., DİCLE O., SELVER M. A.
TURKRAD 2019, 5 - 10 November 2019
- XIV. **Combining Clinical and Molecular Data using Machine Learning**
SELVER M. A.
The International Symposium on Health Informatics and Bioinformatics, (HIBIT) 2019, 17 - 19 October 2019
- XV. **Training of Deep-Medic for Liver Vasculature Analysis and Comparison of its Performance with Recent Well-Established Vessel Segmentation Methods**
GEZER N. S., Huseynova P., SELVER M. A.
TURKRAD 2019, 5 - 10 November 2019
- XVI. **Görüntüleme Bilişiminde 15 Yılın Öyküsü: Değişim ve Gelişimler**
SELVER M. A.
DeepAIImTR 2019, 27 September 2019
- XVII. **Conditionally Weighted Ensemble of Deep Models for Vessel Extraction**
Huseynova P., GEZER N. S., SELVER M. A.
31st Annual International Conference of Society for Magnetic Resonance Angiography, 27 - 30 August 2019
- XVIII. **Design of a Computer Experiment for Analyzing the Effects of Gradient and RF Coils during K-Space Acquisition**
UNAY M., a emre k., KAHRAMAN AĞIR B., ZORAL E. Y., SELVER M. A.
Compumag 2019, Paris, France, 15 - 19 July 2019, vol.841
- XIX. **Performance Evaluation of Lossless Compression Algorithms for Medical Images**
Aldemir E., TOHUMOĞLU G., SELVER M. A.
27th Signal Processing and Communications Applications Conference (SIU), Sivas, Turkey, 24 - 26 April 2019

- XX. **Machine Learning Based Bounding Box Regression for Improved Pedestrian Detection**
Toprak T., GÜNEL S., Belenlioglu B., Aydin B., ZORAL E. Y., SELVER M. A.
International Symposium on Advanced Electrical and Communication Technologies (ISAECT), Rome, Italy, 27 - 29 November 2019
- XXI. **Utilizing Resonant Scattering Signal Characteristics of Magnetic Spheres via Deep Learning for Improved Target Classification**
SELVER M. A., Toprak T., SEÇMEN M., ZORAL E. Y.
International Symposium on Advanced Electrical and Communication Technologies (ISAECT), Rome, Italy, 27 - 29 November 2019
- XXII. **Extraction of Liver Vascular Tree from Contrast Enhanced Computed Tomography Acquisitions**
Huseynova P., GEZER N. S., SELVER M. A.
27th Signal Processing and Communications Applications Conference (SIU), Sivas, Turkey, 24 - 26 April 2019
- XXIII. **On Diversity and Complementarity of Pedestrian Detection Models**
Toprak T., Belenlioglu B., Dogan S., Aydin B., SELVER M. A.
7th International Conference on Mathematical Modeling in Physical Sciences, IC-MSQUARE 2018, Moscow, Russia, 27 - 31 August 2018, vol.1141
- XXIV. **Savitzky-Golay filtering for Scattered Signal De-noising**
SELVER M. A., Secmen M., ZORAL E. Y.
7th International Conference on Mathematical Modeling in Physical Sciences, IC-MSQUARE 2018, Moscow, Russia, 27 - 31 August 2018, vol.1141
- XXV. **Lossless Compression of Segmented 3D Binary Data for Efficient Telemedicine Applications**
ALDEMİR E., TOHUMOĞLU G., DİCLE O., SELVER M. A.
RSNA, 25 - 30 November 2018
- XXVI. **Fonksiyonel MR Görüntülerinden Aktivasyon Bölgelerinin Belirlenmesinde Kontrast Vektör Analizi: Sosyal Destek Deneyi Uygulaması**
CANDEMİR C., OĞUZ K., ÖZKUL B., GÖNÜL A. S., KORUKOĞLU M. S., SELVER M. A.
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Memberships / Tasks in Scientific Organizations

ARDEB EEEAG Governing Board (GYK), Executive Board Member, 2021 - Continues, Turkey

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Scholarships

Annotator for Multi-Ethnic Study of Atherosclerosis (MESA) Lung Study (Prof. Dr. Graham Barr)), University, 2009 - 2009

2214-A Yurt Dışı Doktora Sırası Araştırma Burs Programı, TÜBİTAK, 2009 - 2009

Fachhochschule Aachen Medikal İformatik Laboratuvarı arařtırma bursu, University, 2004 - 2005

Awards

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