

YÖK FORMATINDA ÖZGEÇMİŞ

EK - 4A

CURRICULUM VITAE

1. Name Surname : Füsun Er

Contact

Address : İstanbul Okan Üniversitesi Mühendislik Fakültesi

Phone :

E-Mail : fusun.er@okan.edu.tr

2. Date of Birth : 1980

3. Title : Dr. Öğretim Üyesi

4. Education :

Degree	Department	University	Yıl
Bachelor	Computer Engineering	Marmara University	2001
Master	Computer Engineering	Marmara University	2011
PhD	Biotechnology	Yeditepe University	2017

5. Academic Titles

Assistant Professor İstanbul Okan University 2018-continue

Dr. Lecturer Piri Reis University MVHS Bilgisayar Programcılığı 2017-2018

6. Supervised Master and Ph.D. Thesis

6.1. Master Thesis

6.2. PhD Thesis

7. Publications

7.1. International Refereed Journal Publications

Citak-Er F, Goularas D, Ormeci B. Predicting the prognosis of MCI patients using longitudinal MRI data. Journal of Artificial Intelligence in Medicine, 2018 (incelemede).

Citak-Er F, Firat Z, Kovanlikaya I, Ture U, Ozturk-Isik E. Machine-learning in grading of gliomas based on multi-parametric magnetic resonance imaging at 3T. Computers in Biology and Medicine, 99:154-160, 2018.

Citak-Er F, Iscen P, Sahin S, Cinar N, Karsidag S, and Goularas D. Distinguishing Age-related Cognitive Decline from Dementias: A Study Based on Machine Learning Algorithms. Journal of Clinical Neuroscience, 4: 52–64, 2017.

Citak-Er F, Goularas D, Ormeci B. A novel Convolutional Neural Network model based on Voxel-based Morphometry of MRI data in predicting the prognosis of MCI patients. J Neurol Sci Turk. In publish. (2017).

Citak-Er F, Vural M, Acar O, Esen T, Onay A, Ozturk-Isik E. Final Gleason Score Prediction Using Discriminant Analysis and Support Vector Machine Based on Preoperative Multiparametric MR Imaging of Prostate Cancer at 3T. Biomed Res Int. 2014;2014:690787. 2014 Dec 2.

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7.2. International Conference Presentations & Proceedings.

Citak-Er F, Goularas D, Ormeci B. A Voxel-based Morphometric Approach to the Progression of Atrophy in Alzheimer's Disease. International Society of Magnetic Resonance in Medicine Annual Conference, Vienna, Austria, 29 Sep-1 Oct 2016. (traditional poster).

Citak-Er F, Firat Z, Kovanlikaya I, Ture U, Ozturk-Isik E. Multivariate Discriminant Analysis of Multiparametric Brain MRI to Differentiate High Grade and Low Grade Gliomas - A Computer-Aided Diagnosis Development Study. Proceedings of the IEEE BIBE Annual International Conference. 2013:1.

Citak-Er F, Vural M, Acar O, Esen T, Onay A, Ozturk-Isik E. Preliminary Results on Estimation of Final Gleason Score Using Discriminant Analysis on Preoperative Clinical Parameters and Multiparametric MRI Findings in Prostate Cancer. Proceedings of the International Conference on Applied Informatics for Health and Life Sciences. 2013:1.

Citak-Er F, Hatay GH, Okeer E, Yildirim, M, Hakyemez B, Ozturk-Isik E. Classification of Phosphorus Magnetic Resonance Spectroscopic Imaging of Brain Tumors Using Support Vector Machine and Logistic Regression at 3T. Proceedings of the IEEE EMBS Annual International Conference. 2014:1.

Citak-Er F, Gul E: Comparison of digital audio watermarking techniques for the security of VOIP communications. 2011 7th Int. Conf. Inf. Assur. Secur. 13–18 (2011).

Citak-Er F, Firat Z, Sarikaya B, Ture U, Ozturk-Isik E. Supervised Non-Negative Matrix Factorization Based Classification of Multiparametric MR Imaging of Gliomas at 3T. International Society of Magnetic Resonance in Medicine Annual Conference, Milan, Italy, 10-16 May 2014. (e-poster)

Citak-Er F, Vural M, Acar O, Esen T, Onay A, Ozturk-Isik E. Final Gleason Score Prediction Using Discriminant Analysis and Support Vector Machine Based on Preoperative Multiparametric MR Imaging of Prostate Cancer at 3T. International Society of Magnetic Resonance in Medicine Annual Conference, Milan, Italy, 10-16 May 2014. (e-poster)

Citak-Er F, Firat Z, Korkmaz EE, Sarsilmaz A, Ture U, Ozturk-Isik E. An investigation of grading of preoperative gliomas based on multiparametric MRI using support vector machine recursive feature elimination and decision tree classification. European Society of Magnetic Resonance in Medicine and Biology Annual Conference. Toulouse, France, 3-5 October 2013 (e-poster)

7.3. International Books / Chapters of Books.

7.4. National Refereed Journal Publications

7.5. National Conference Presentations & Proceedings

Ökeer E, Hatay GH, Yıldırım M, **Citak-Er F**, Öztürk Işık E, Hakyemez B. Two

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Dimensional Phosphorus MR Spectroscopic Imaging of Brain Tumors at 3T (Beyin Tümörlerinin 3T Manyetik Alanda İki Boyutlu Fosfor MR Spektroskopik Görüntülenmesi). TMRD 2014. Ankara, Turkey, 22-24 May 2014. (sözlü bildiri)

Citak-Er F, Fırat Z, Sarıkaya B, Türe U, Öztürk Işık E. Supervised Non-Negative Matrix Factorization Based Classification of Multiparametric MR Imaging of Gliomas at 3T (Negatifsiz Matris Çarpanlarına Ayırma (NMF) Yönteminin Multiparametrik 3T MR Görüntülerini Kullanarak Gliom Derecesinin Öngörülmesinde Gözetimli Yöntem Olarak Kullanılması). TMRD 2014. Ankara, Turkey. 22-24 May 2014. (sözlü bildiri).

Citak-Er F, Vural M, Acar O, Esen T, Onay A, Öztürk Işık E. Final Gleason Score Prediction Using Discriminant Analysis and Support Vector Machine Based on Preoperative Multiparametric MR Imaging of Prostate Cancer at 3T (Prostat Kanserinde Gleason Skorunun Multiparametrik 3T MR Görüntüleme ile Ayırma Analizi ve Destek Vektör Makineleri Kullanılarak Öngörülmesi). TMRD 2014. Ankara, Turkey. 22-24 May 2014. (sözlü bildiri).

Citak-Er F, Mert S, Ozturk-Isik E, Ozbek E, Ötünçtemur A, Dursun M, Culha M. Multivariate Analysis of Surface Enhanced Raman Spectroscopy Data for Detection of Kidney Cancer. NanoTR 2014. Istanbul, Turkey. 17-21 June 2014. (poster).

7.6 Other

8. Projects

9. Administrative Tasks

10. Academic/Professional Memberships

IEEE, ESMRMB

11. Awards

TUBITAK-BİDEB 2211-C Fellowship

12. Undergraduate and graduate courses in the last two years

Academic Year	Semester	Course Name	Credit		Number of Students
			Theoretical	Practical	
2017-2018	Fall	Vocational English	2		18
2017-2018	Fall	IT Technologies	2	2	18
2017-2018	Spring	Operating systems	2	1	2
2017-2018	Spring	Data Mining	2	1	2
2017-2018	Spring	IoT	2	1	2
2017-2018	Spring	Database Management Systems	2	2	18
2017-2018	Bahar	Programming C#	2	2	43
2017-2018	Summer	Programming C#	2	2	5
2017-2018	Summer	Algorithms Analysis	2	1	18

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