

## Prof.Dr. MEHMET VOLKAN ATALAY

### Kişisel Bilgiler

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### Eğitim Bilgileri

Doktora, Universite Paris 5, Ufr Mathematique Et Informatique, Fransa 1990 - 1993

Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Türkiye 1988 - 1990

Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Türkiye 1983 - 1987

### Yabancı Diller

İngilizce, C2 Ustalık

Fransızca, C1 İleri

### Yaptığı Tezler

Doktora, Reseaux de Neurones Aleatoires et Textures, Universite Paris 5, Ufr Mathematique Et Informatique, 1993

Yüksek Lisans, Image Processing of Ottoman Documents, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 1990

### Akademik Unvanlar / Görevler

Prof.Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2005 - Devam Ediyor

Doç.Dr., Virginia Polytechnic Institute and State University, Virginia Bioinformatics Institute, 2004 - 2005

Doç.Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 1998 - 2005

Yrd.Doç.Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 1993 - 1998

Öğretim Görevlisi, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 1993 - 1993

### Akademik İdari Deneyim

Orta Doğu Teknik Üniversitesi, Rektörlük, 2010 - 2016

Orta Doğu Teknik Üniversitesi, Rektörlük, 2008 - 2010

Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2007 - 2008

Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2001 - 2004

Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 1996 - 1997

## Yönetilen İşler

- ATALAY M. V. , Biyolojik ağların interaktif görselleştirilmesi için crossbar web servisinin implementasyonu, Yüksek Lisans, A. Atakan (Öğrenci), 2020
- Atalay M. V. , Enzyme prediction with word embedding approach, Yüksek Lisans, E. AKIN (Öğrenci), 2019
- Atalay M. V. , Multi-view subcellular localization prediction of human proteins, Yüksek Lisans, G. ÖZSARI (Öğrenci), 2019
- Atalay M. V. , A customized force-directed layout algorithm with genetic algorithm techniques for biological graphs whose vertices have enzyme commission attributes, Yüksek Lisans, F. AKSOYDAN (Öğrenci), 2019
- ATALAY M. V. , İlaç-hedef protein etkileşim uzayı ve protein fonksiyonlarının tahmini için derin öğrenme., Doktora, A. Süreyya (Öğrenci), 2019
- ATALAY R., ATALAY M. V. , Prediction of enzymatic properties of protein sequences based on the enzyme commission nomenclature, Yüksek Lisans, A. DALKIRAN (Öğrenci), 2017
- ATALAY M. V. , A customized force-directed layout algorithm for biological graphs whose vertices have enzyme commission attributes, Yüksek Lisans, H. FEHMİ (Öğrenci), 2015
- ATALAY R., ATALAY M. V. , An extension to GOPred to annotate Swiss-Prot and TrEMBL sequences for all gene ontology categories and EC numbers, Yüksek Lisans, A. SÜREYYA (Öğrenci), 2015
- ATALAY M. V. , Mining microarray data for biologically important gene sets, Doktora, G. KIRÇIÇEĞİ (Öğrenci), 2012
- ATALAY M. V. , Network structure based pathway enrichment system to analyze pathway activities, Doktora, Z. İŞİK (Öğrenci), 2011
- ATALAY M. V. , Automatic reconstruction of photorealistic 3-D building models from satellite and ground-level images, Doktora, E. SÜMER (Öğrenci), 2011
- ATALAY M. V. , Vision-based hand interface systems in human computer interaction, Doktora, S. GENÇ (Öğrenci), 2010
- Atalay M. V. , Vision based Hand Interface Systems in Human Computer Interaction, Doktora, S. Genç (Öğrenci), 2010
- ATALAY M. V. , Prediction of enzyme classes in a hierarchical approach by using SPMAP, Yüksek Lisans, A. GÜL (Öğrenci), 2009
- ATALAY M. V. , Automated biological data acquisition and integration using machine learning techniques, Doktora, L. ÇARKACIOĞLU (Öğrenci), 2009
- ATALAY M. V. , Subsequence feature maps for protein function annotation, Doktora, Ö. SİNAN (Öğrenci), 2008
- ATALAY M. V. , Hybrid CDN P2P architecture for multimedia streaming, Doktora, K. ÖZTOPRAK (Öğrenci), 2008
- ATALAY M. V. , A programming framework to implement rule based-target detection in images, Yüksek Lisans, Y. ŞAHİN (Öğrenci), 2008
- ATALAY M. V. , Improving interactive classification of satellite image content, Yüksek Lisans, G. TEKKAYA (Öğrenci), 2007
- CAN T., ATALAY M. V. , A classification system for the problem of protein subcellular localization, Yüksek Lisans, G. ALAY (Öğrenci), 2007
- ATALAY M. V. , A clustering method for the problem of protein subcellular localization, Yüksek Lisans, P. BEZEK (Öğrenci), 2006
- ATALAY M. V. , Interactive classification of satellite image content based on query by example, Yüksek Lisans, O. DALAY (Öğrenci), 2006
- ATALAY M. V. , Fast object tracking by fusing adaptive background models and mean-shift analysis, Yüksek Lisans, Ö. TÜZEL (Öğrenci), 2003
- ATALAY M. V. , Reconstruction of a 3D human head model from images, Doktora, R. ZARE (Öğrenci), 2003
- ATALAY M. V. , Prediction of protein subcellular localization using global protein sequence feature, Yüksek Lisans, B. BOZKURT (Öğrenci), 2003
- ATALAY M. V. , Texture classification and retrieval using random neural network model, Yüksek Lisans, A. TEKE (Öğrenci), 2003
- ATALAY M. V. , Silhouette-based 3D reconstruction by energy minimization, Yüksek Lisans, E. MENGİ (Öğrenci), 2003
- ATALAY M. V. , Prediction of protein subcellular localization based on primary sequence data, Yüksek Lisans, M. ÖZARAR (Öğrenci), 2003
- ATALAY M. V. , Vision-based human-computer interaction using laser pointer, Yüksek Lisans, İ. AYKUT (Öğrenci), 2003
- ATALAY M. V. , Shortest path analysis in dynamic transportation networks by expert systems: A case study in Ankara, Bahçelievler district by using genetic algorithms, Yüksek Lisans, G. EKE (Öğrenci), 2003
- ATALAY M. V. , Birincil dizi veri temelli protein hücre içi yer belirleme tahmini, Yüksek Lisans, M. Özarar (Öğrenci), 2003
- ATALAY M. V. , Towards finding optimal mixture of subspaces for data classification, Doktora, M. ELHAFIZ (Öğrenci),

2003

ATALAY M. V. , Texture discrimination and segmentation of remotely sensed imagery by using adaptive subband decomposition, Yüksek Lisans, M.YAMAN(Öğrenci), 2003

ATALAY M. V. , Image-based extraction of material reflectance properties of a 3D object, Yüksek Lisans, M.ERKUT(Öğrenci), 2003

ATALAY M. V. , A Hybrid approach for Turkish optical character recognition, Yüksek Lisans, G.KIRÇIÇEĞİ(Öğrenci), 2002

ATALAY M. V. , Cognitive and computational aspects of gender estimation from faces, Yüksek Lisans, M.KORAY(Öğrenci), 2002

ATALAY M. V. , Appearance reconstruction of three-dimensional models from real images, Yüksek Lisans, U.YILMAZ(Öğrenci), 2002

ATALAY M. V. , Comparison of photo-consistency measured used in the voxel coloring algorithm, Yüksek Lisans, O.ÖZÜN(Öğrenci), 2002

ATALAY M. V. , Relative consistency of projective reconstructions obtained from an image pair, Yüksek Lisans, B.OTLU(Öğrenci), 2002

ATALAY M. V. , HALICI U., 3 D reconstruction of rigid objects from multiple calibrated views, Doktora, A.YAŞAR(Öğrenci), 2002

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ATALAY M. V. , Image mosaicing, Yüksek Lisans, A.ÖZZEYBEK(Öğrenci), 2000

ATALAY M. V. , Segmentation of human face, Yüksek Lisans, S.BASKAN(Öğrenci), 2000

ATALAY M. V. , Texture extraction and reconstruction from multiple images, Yüksek Lisans, S.GENÇ(Öğrenci), 1999

ATALAY M. V. , Form document identification based on hierarchical tree representation, Yüksek Lisans, P.DUYGULU(Öğrenci), 1998

ATALAY M. V. , Two matching algorithms for derial images, Yüksek Lisans, D.ÇULHA(Öğrenci), 1998

ATALAY M. V. , An SGML viewer for form document images, Yüksek Lisans, E.ARSLAN(Öğrenci), 1998

ATALAY M. V. , A Form document image parser, Yüksek Lisans, E.DİNCEL(Öğrenci), 1998

ATALAY M. V. , A New method for road finding in aerial images based on self organization and perceptual grouping principles, Yüksek Lisans, A.YAŞAR(Öğrenci), 1996

ATALAY M. V. , A Matching algorithm based linear features, Yüksek Lisans, M.UĞUR(Öğrenci), 1996

## Jüri Üyelikleri

Ödül, TÜSEB Teşvik Ödülü, Orta Doğu Teknik Üniversitesi, Ekim, 2020

Ödül, TÜSEB Teşvik Ödülü, Orta Doğu Teknik Üniversitesi, Ekim, 2020

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **CROssBAR: comprehensive resource of biomedical relations with knowledge graph representations.**  
DOĞAN T., Atas H., Joshi V., ATAKAN A., Rifaioglu A. S. , NALBAT E., Nightingale A., Saidi R., Volynkin V., Zellner H., et al.  
Nucleic acids research, cilt.49, sa.16, 2021 (SCI Expanded İndekslerine Giren Dergi)
- II. **Crowdsourced mapping of unexplored target space of kinase inhibitors**  
Cichonska A., Ravikumar B., Allaway R. J. , Wan F., Park S., Isayev O., Li S., Mason M., Lamb A., Tanoli Z., et al.  
NATURE COMMUNICATIONS, cilt.12, sa.1, 2021 (SCI İndekslerine Giren Dergi)
- III. **MDeePred: Novel multi-channel protein featurization for deep learning-based binding affinity prediction in drug discovery**  
Rifaioglu A., Atalay R. C. , KAHRAMAN D. C. , DOĞAN T., Martin M., ATALAY M. V.  
Bioinformatics, cilt.37, sa.5, ss.693-704, 2021 (SCI İndekslerine Giren Dergi)
- IV. **Data stream clustering: a review**

Zubaroglu A., Atalay V.

ARTIFICIAL INTELLIGENCE REVIEW, cilt.54, sa.2, ss.1201-1236, 2021 (SCI İndekslerine Giren Dergi)

- V. **iBioProVis: interactive visualization and analysis of compound bioactivity space**  
Dönmez A., Rifaioğlu A. S. , Acar A. C. , Doğan T., Cetin-Atalay R., Atalay V.  
BIOINFORMATICS, cilt.36, sa.14, ss.4227-4230, 2020 (SCI İndekslerine Giren Dergi)
- VI. **DEEPScreen: high performance drug-target interaction prediction with convolutional neural networks using 2-D structural compound representations**  
RİFAİOĞLU A. S. , NALBAT E., Atalay V., Martin M. J. , Cetin-Atalay R., DOĞAN T.  
CHEMICAL SCIENCE, cilt.11, sa.9, ss.2531-2557, 2020 (SCI İndekslerine Giren Dergi)
- VII. **The CAFA challenge reports improved protein function prediction and new functional annotations for hundreds of genes through experimental screens**  
Zhou N., Jiang Y., Bergquist T., Lee A., Kacsoh B., Crocker A., Lewis K., Georghiou G., Nguyen H., Hamid M., et al.  
GENOME BIOLOGY, cilt.20, sa.1, 2019 (SCI İndekslerine Giren Dergi)
- VIII. **DEEPred: Automated Protein Function Prediction with Multi-task Feed-forward Deep Neural Networks**  
RİFAİOĞLU A. S. , Dogan T., Martin M. J. , Cetin-Atalay R., Atalay V.  
SCIENTIFIC REPORTS, cilt.9, 2019 (SCI İndekslerine Giren Dergi)
- IX. **ECPred: a tool for the prediction of the enzymatic functions of protein sequences based on the EC nomenclature**  
DALKIRAN A., RİFAİOĞLU A. S. , Martin M. J. , Cetin-Atalay R., ATALAY M. V. , Dogan T.  
BMC BIOINFORMATICS, cilt.19, 2018 (SCI İndekslerine Giren Dergi)
- X. **EClerize: A customized force-directed graph drawing algorithm for biological graphs with EC attributes**  
Danaci H. F. , Cetin-Atalay R., ATALAY M. V.  
JOURNAL OF BIOINFORMATICS AND COMPUTATIONAL BIOLOGY, cilt.16, sa.4, 2018 (SCI İndekslerine Giren Dergi)
- XI. **Recent applications of deep learning and machine intelligence on in silico drug discovery: methods, tools and databases.**  
Rifaioğlu A. S. , Atas H., Martin M., Cetin-Atalay R., Atalay V., Dogan T.  
Briefings in bioinformatics, 2018 (SCI İndekslerine Giren Dergi)
- XII. **Large-scale automated function prediction of protein sequences and an experimental case study validation on PTEN transcript variants**  
RİFAİOĞLU A. S. , Dogan T., Sarac O. S. , ERSAHİN T., Saidi R., ATALAY M. V. , MARTİN M. J. , Cetin-Atalay R.  
PROTEINS-STRUCTURE FUNCTION AND BIOINFORMATICS, cilt.86, sa.2, ss.135-151, 2018 (SCI İndekslerine Giren Dergi)
- XIII. **HandVR: a hand-gesture-based interface to a video retrieval system**  
Genc S., Bastan M., GÜDÜKBAY U., Atalay V., GÜDÜKBAY U.  
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- XIV. **Identification of Novel Reference Genes Based on MeSH Categories**  
Ersahin T., ÇARKACIOĞLU L., CAN T., Konu O., Atalay V., Cetin-Atalay R.  
PLOS ONE, cilt.9, sa.3, 2014 (SCI İndekslerine Giren Dergi)
- XV. **A signal transduction score flow algorithm for cyclic cellular pathway analysis, which combines transcriptome and ChIP-seq data**  
Isik Z., Ersahin T., Atalay V., AYKANAT C., Cetin-Atalay R.  
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- XVI. **GOPred: GO Molecular Function Prediction by Combined Classifiers**  
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- XVII. **Prediction of enzyme classes in a hierarchical approach by using SPMAP**  
Yaman A., Atalay V., Atalay R.  
NEW BIOTECHNOLOGY, cilt.27, 2010 (SCI İndekslerine Giren Dergi)
- XVIII. **Bi-k-bi clustering: mining large scale gene expression data using two-level biclustering**

Carkacioglu L., Atalay R. C., KONU KARAKAYALI Ö., Atalay V., CAN T.  
INTERNATIONAL JOURNAL OF DATA MINING AND BIOINFORMATICS, cilt.4, sa.6, ss.701-721, 2010 (SCI İndekslerine Giren Dergi)

- XIX. **Subsequence-based feature map for protein function classification**  
Sarac O. S., Guersoy-Yuezueguellue O., Cetin-Atalay R., Atalay V.  
COMPUTATIONAL BIOLOGY AND CHEMISTRY, cilt.32, sa.2, ss.122-130, 2008 (SCI İndekslerine Giren Dergi)
- XX. **Experimental study on the sensitivity of autocalibration to projective camera model parameters**  
Hassanpour R., Atalay V.  
OPTICAL ENGINEERING, cilt.45, sa.4, 2006 (SCI İndekslerine Giren Dergi)
- XXI. **Implicit motif distribution based hybrid computational kernel for sequence classification**  
Atalay V., Cetin-Atalay R.  
BIOINFORMATICS, cilt.21, sa.8, ss.1429-1436, 2005 (SCI İndekslerine Giren Dergi)
- XXII. **Almost autonomous training of mixtures of principal component analyzers**  
Musa M., de Ridder D., Duin R., Atalay V.  
PATTERN RECOGNITION LETTERS, cilt.25, sa.9, ss.1085-1095, 2004 (SCI İndekslerine Giren Dergi)
- XXIII. **Camera auto-calibration using a sequence of 2D images with small rotations**  
Hassanpour R., Atalay V.  
PATTERN RECOGNITION LETTERS, cilt.25, sa.9, ss.989-997, 2004 (SCI İndekslerine Giren Dergi)
- XXIV. **Vision-based continuous Graffiti (TM)-like text entry system**  
Erdem I., Erdem M., Atalay V., Cetin A.  
OPTICAL ENGINEERING, cilt.43, sa.3, ss.553-558, 2004 (SCI İndekslerine Giren Dergi)
- XXV. **A hierarchical representation of form documents for identification and retrieval**  
Duygulu P., Atalay V.  
International Journal on Document Analysis and Recognition, cilt.5, sa.1, ss.17-27, 2003 (SCI Expanded İndekslerine Giren Dergi)
- XXVI. **Silhouette-based 3-D model reconstruction from multiple images**  
Mulayim A., Yilmaz U., Atalay V.  
IEEE TRANSACTIONS ON SYSTEMS MAN AND CYBERNETICS PART B-CYBERNETICS, cilt.33, sa.4, ss.582-591, 2003 (SCI İndekslerine Giren Dergi)
- XXVII. **Ore-age: a hybrid system for assisting and teaching mining method selection**  
Guray C., Celebi N., Atalay V., Pasamehmetoglu A.  
EXPERT SYSTEMS WITH APPLICATIONS, cilt.24, sa.3, ss.261-271, 2003 (SCI İndekslerine Giren Dergi)
- XXVIII. **Prediction of protein subcellular localization based on primary sequence data**  
Ozarar M., Atalay V., Atalay R.  
COMPUTER AND INFORMATION SCIENCES - ISCIS 2003, cilt.2869, ss.611-618, 2003 (SCI İndekslerine Giren Dergi)
- XXIX. **Texture segmentation using the mixtures of principal component analyzers**  
Musa M., Duin R., de Ridder D., Atalay V.  
COMPUTER AND INFORMATION SCIENCES - ISCIS 2003, cilt.2869, ss.505-512, 2003 (SCI İndekslerine Giren Dergi)
- XXX. **Projection based method for segmentation of human face and its evaluation**  
Baskan S., Bulut M., Atalay V.  
PATTERN RECOGNITION LETTERS, cilt.23, sa.14, ss.1623-1629, 2002 (SCI İndekslerine Giren Dergi)
- XXXI. **Vision-based single-stroke character recognition for wearable computing**  
Ozer O., Ozun O., Tuzel C., Atalay V., Cetin A.  
IEEE INTELLIGENT SYSTEMS & THEIR APPLICATIONS, cilt.16, sa.3, ss.33-37, 2001 (SCI İndekslerine Giren Dergi)
- XXXII. **Matching algorithm based on Godel coding scheme**  
Dicle N., Atalay V.  
Proceedings of SPIE - The International Society for Optical Engineering, cilt.3974, ss.576-583, 2000 (SCI İndekslerine Giren Dergi)
- XXXIII. **Subband domain coding of binary textual images for document archiving**  
Gerek O., Cetin A., Tewfik A., Atalay V.  
IEEE TRANSACTIONS ON IMAGE PROCESSING, cilt.8, sa.10, ss.1438-1446, 1999 (SCI İndekslerine Giren Dergi)

**XXXIV. Repulsive attractive network for baseline extraction on document images**

Oztop E., Mulayim A., Atalay V., Yarman-Vural F.

SIGNAL PROCESSING, cilt.75, sa.1, ss.1-10, 1999 (SCI İndekslerine Giren Dergi)

**XXXV. A matching algorithm based on linear features**

Atalay V., Yilmaz M.

PATTERN RECOGNITION LETTERS, cilt.19, sa.9, ss.857-867, 1998 (SCI İndekslerine Giren Dergi)

## **Diğer Dergilerde Yayınlanan Makaleler**

**I. Data Centric Molecular Analysis and Evaluation of Hepatocellular Carcinoma Therapeutics Using Machine Intelligence-Based Tools**

Cetin-Atalay R., Kahraman D. C. , Nalbat E., Rifaioğlu A. S. , Atakan A., Dönmez A., Atas H., Atalay M. V. , Acar A. C. , Doğan T.

JOURNAL OF GASTROINTESTINAL CANCER, cilt.52, sa.4, ss.1266-1276, 2021 (ESCI İndekslerine Giren Dergi)

**II. Multi-task Deep Neural Networks in Protein Function Prediction**

RİFAİOĞLU A. S. , doğan t., Martin M. J. , ATALAY R., ATALAY M. V.

arXiv, 2017 (Hakemsiz Dergi)

**III. An Image-Based Inexpensive 3D Scanner**

Yilmaz U., Mülayim A. Y. , Atalay V.

International Journal of Image and Graphics, cilt.3, sa.2, ss.235-263, 2003 (Diğer Kurumların Hakemli Dergileri)

**IV. Computer vision based mouse**

Erdem A., Erdem E., Yardimci Y., Atalay V., Cetin A. E.

ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings, cilt.4, ss.4178, 2002 (Diğer Kurumların Hakemli Dergileri)

## **Kitap & Kitap Bölümleri**

**I. Forecasting of Product Quality Through Anomaly Detection**

Dinc M., Ertekin Bolelli Ş., Ozkan H., Meydanli C., Atalay M. V.

Machine Learning and Knowledge Discovery in Databases, Cellier P., Driessens K., Editör, Springer-Verlag , Basel, ss.357-366, 2020

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

**I. In vitro validation of drug-target interactions revealed in silico by Comprehensive Resource of Biomedical Relations with Network Representations and Deep Learning (CROSSBAR) in HCC**

NALBAT E., RİFAİOĞLU A. S. , DOĞAN T., Martin M. J. , Cetin-Atalay R., ATALAY M. V.

AACR Annual Meeting, ELECTR NETWORK, 22 - 24 Haziran 2020, cilt.80

**II. Online embedding and clustering of data streams**

Zubaroglu A., Atalay V.

3rd International Conference on Big Data Research, ICBDR 2019, Cergy-Pontoise, Fransa, 20 - 21 Kasım 2019, ss.142-146

**III. Comparison of predictive models for forecasting timeseries data**

Özen S., Atalay V., YAZICI A.

3rd International Conference on Big Data Research, ICBDR 2019, Cergy-Pontoise, Fransa, 20 - 21 Kasım 2019, ss.172-176

**IV. Forecasting of Product Quality Through Anomaly Detection**

Mehmet Dinc, Dinc M., ERTEKİN BOLELLİ Ş., Ozkan H., Meydanli C., ATALAY M. V.

2nd International Conference on Digital Transformation and Smart Systems, Ankara, Türkiye, 23 - 25 Ekim 2019

- V. **Receptor-Ligand Binding Affinity Prediction via Multi-Channel Deep Chemogenomic Modeling**  
Atalay M. V. , Rıfaioğlu A. S. , Atalay R., Doğan T., Martin M.  
The International Symposium on Health Informatics and Bioinformatics (HIBIT 2019), İzmir, Türkiye, 17 - 18 Ekim 2019
- VI. **Forecasting of Product Quality Through Anomaly Detection**  
Dinc M., ERTEKİN BOLELLİ Ş., Ozkan H., Meydanlı C., ATALAY M. V.  
ECML/PKDD 2019 Workshop on Io Stream for Data Driven Predictive Maintenance, Würzburg, Almanya, 16 Eylül 2019
- VII. **iBioProVis: Interactive Visualization and Analysis of Compound Bioactivity Space**  
Dönmez A., RİFAİOĞLU A. S. , ACAR A. C. , DOĞAN T., Martin M. J. , ATALAY R., ATALAY M. V.  
27th Conference on Intelligent Systems for Molecular Biology and 18th European Conference on Computational Biology, Basel, İsviçre, 21 - 25 Temmuz 2019
- VIII. **CROssBAR: Comprehensive Resource of Biomedical Relations with Network Representations and Deep Learning”, Oral presentation**  
Atalay M. V. , Doğan T., Atalay R., Nalbat E., Rıfaioğlu A. S. , Ataş H., Martin M.  
27th Conference on Intelligent Systems for Molecular Biology and 18th European Conference on Computational Biology, Basel, İsviçre, 21 - 25 Temmuz 2019
- IX. **Drug-Target Interaction Prediction with Deep Convolutional Neural Networks Using Compound Images**  
RİFAİOĞLU A. S. , ATALAY M. V. , Martin M. J. , ATALAY R., Doğan T.  
26th Conference on Intelligent Systems for Molecular Biology, Chicago, Amerika Birleşik Devletleri, 6 - 10 Temmuz 2018
- X. **Automated Negative Gene Ontology Based Functional Predictions for Proteins with UniGOPred**  
Doğan T., RİFAİOĞLU A. S. , Saidi R., Martin M. J. , ATALAY M. V. , ATALAY R.  
26th Conference on Intelligent Systems for Molecular Biology, Chicago, Amerika Birleşik Devletleri, 6 - 10 Temmuz 2018
- XI. **Investigation of Multi-task Deep Neural Networks in Automated Protein Function Prediction**  
RİFAİOĞLU A. S. , Martin M. J. , ATALAY R., ATALAY M. V. , Doğan T.  
ISMB/ECCB 2017: 25th Annual International Conference on Intelligent Systems for Molecular Biology, Prag, Çek Cumhuriyeti, 21 - 25 Temmuz 2017
- XII. **Prediction of Enzymatic Properties of Protein Sequences Based on the EC Nomenclature**  
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Toplam Atıf Sayısı (WOS):549

h-indeksi (WOS):13