

# Murat Ceylan

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

160  
citations

1937685

4  
h-index

1281871

11  
g-index

21  
all docs

21  
docs citations

21  
times ranked

153  
citing authors

#	ARTICLE	IF	CITATIONS
1	Termal YÃ¼z GÃ¼rÃ¼ntÃ¼lerinden OluÅan Yeni Bir Veri Seti iÅin Derin Ãrenme Tabanlı SÃ¼per ÅizÃ¼nleme Uygulaması. Journal of Polytechnic, 2023, 26, 711-720.	0.7	2
2	Classification of neonatal diseases with limited thermal Image data. Multimedia Tools and Applications, 2022, 81, 9247-9275.	3.9	4
3	Effects of the deep learning-based super-resolution method on thermal image classification applications. Multimedia Tools and Applications, 2022, 81, 9313-9330.	3.9	5
4	A novel study for automatic two-class COVID-19 diagnosis (between COVID-19 and Healthy, Pneumonia) on X-ray images using texture analysis and 2-D/3-D convolutional neural networks. Multimedia Systems, 2022, , 1-19.	4.7	0
5	Medical thermogramsâ€™ classification using deep transfer learning models and methods. Multimedia Tools and Applications, 2022, 81, 9367-9384.	3.9	2
6	Thermogram classification using deep siamese network for neonatal disease detection with limited data. Quantitative InfraRed Thermography Journal, 2022, 19, 312-330.	4.2	5
7	Spectral-spatial classification for non-invasive health status detection of neonates using hyperspectral imaging and deep convolutional neural networks. Spectroscopy Letters, 2022, 55, 336-349.	1.0	2
8	Using Convolutional Neural Networks for Detecting Acrylamide in Biscuit Manufacturing Process. , 2022, , .		0
9	A new deep learning pipeline to detect Covid-19 on chest X-ray images using local binary pattern, dual tree complex wavelet transform and convolutional neural networks. Applied Intelligence, 2021, 51, 2740-2763.	5.3	21
10	A novel comparative study for detection of Covid-19 on CT lung images using texture analysis, machine learning, and deep learning methods. Multimedia Tools and Applications, 2021, 80, 5423-5447.	3.9	50
11	Convolutional Neural Networks-Based Approach to Detect Neonatal Respiratory System Anomalies with Limited Thermal Image. Traitement Du Signal, 2021, 38, 437-442.	1.3	4
12	Deep Learningâ€™Based Approaches to Improve Classification Parameters for Diagnosing COVID-19 from CT Images. Cognitive Computation, 2021, , 1-28.	5.2	4
13	Heart Disease Detection from Neonatal Infrared Thermograms Using Multiresolution Features and Data Augmentation. International Journal of Intelligent Systems and Applications in Engineering, 2020, 8, 28-36.	1.5	5
14	Classification of Medical Thermograms Belonging Neonates by Using Segmentation, Feature Engineering and Machine Learning Algorithms. Traitement Du Signal, 2020, 37, 611-617.	1.3	2
15	Classification of unhealthy and healthy neonates in neonatal intensive care units using medical thermography processing and artificial neural network. , 2019, , 1-29.		6
16	Comparison of Traditional Transformations for Data Augmentation in Deep Learning of Medical Thermography. , 2019, , .		10
17	Health status detection of neonates using infrared thermography and deep convolutional neural networks. Infrared Physics and Technology, 2019, 103, 103044.	2.9	22
18	Thermal image analysis for neonatal intensive care units (First evaluation results). , 2018, , .		5

#	ARTICLE	IF	CITATIONS
19	A Novel Approach for Reduction of Breast Tissue Density Effects on Normal and Abnormal Masses Classification. Journal of Medical Imaging and Health Informatics, 2016, 6, 710-717.	0.3	4
20	Dönmez, A., & Çelebi, S. (2017). Termal Yüze Görüntüleme ile Artırılmış Gerçeklik (AR) Tabanlı Bir Yüze Tanıma Sistemi. Journal of Science and Technology, 0, .	0.5	4
21	A novel study to increase the classification parameters on automatic three-class COVID-19 classification from CT images, including cases from Turkey. Journal of Experimental and Theoretical Artificial Intelligence, 0, , 1-21.	2.8	3