# Murat Ceylan

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | 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 |
| 2 | Health status detection of neonates using infrared thermography and deep convolutional neural networks. Infrared Physics and Technology, 2019, 103, 103044. | 2.9 | 22 |
| 3 | 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 |
| 4 | Comparison of Traditional Transformations for Data Augmentation in Deep Learning of Medical Thermography. , 2019, , . | | 10 |
| 5 | Classification of unhealthy and healthy neonates in neonatal intensive care units using medical thermography processing and artificial neural network. , 2019, , 1-29. | | 6 |
| 6 | Thermal image analysis for neonatal intensive care units (First evaluation results). , 2018, , . | | 5 |
| 7 | 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 |
| 8 | 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 |
| 9 | Thermogram classification using deep siamese network for neonatal disease detection with limited data. Quantitative InfraRed Thermography Journal, 2022, 19, 312-330. | 4.2 | 5 |
| 10 | 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 |
| 11 | Deep Learningâ€“Based Approaches to Improve Classification Parameters for Diagnosing COVID-19 from CT Images. Cognitive Computation, 2021, , 1-28. | 5.2 | 4 |
| 12 | Classification of neonatal diseases with limited thermal Image data. Multimedia Tools and Applications, 2022, 81, 9247-9275. | 3.9 | 4 |
| 13 | 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 |
| 14 | DÃ¼ÅŸÃ¼k Ã‡Ã¶zÃ¼nÃ¼rlÃ¼klÃ¼ Termal YÃ¼z GÃ¶rÃ¼ntÃ¼ Ã‡Ã¶zÃ¼nÃ¼rlÃ¼ÄŸÃ¼nÃ¼n Derin Ã–Ğrenme Ã°le ArtÄ±rÄ±lma Journal of Science and Technology, 0, , . | 0.5 | 4 |
| 15 | 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 |
| 16 | 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 |
| 17 | Termal YÃ¼z GÃ¶rÃ¼ntÃ¼lerinden OluÅŸan Yeni Bir Veri Seti iÃ§in Derin Ã–Ğrenme TabanlÄ± SÃ¼per Ã‡Ã¶zÃ¼nÃ¼rlÃ¼k UygulamasÄ±. Journal of Polytechnic, 2023, 26, 711-720. | 0.7 | 2 |
| 18 | Medical thermogramsâ€™ classification using deep transfer learning models and methods. Multimedia Tools and Applications, 2022, 81, 9367-9384. | 3.9 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | 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 |
| 21 | Using Convolutional Neural Networks for Detecting Acrylamide in Biscuit Manufacturing Process. , 2022, , . | | 0 |