

Zakir Khan

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About

Dr. Zakir Khan is working as Assistant Professor in the NUST Balochistan Campus. Dr. Zakir Khan has a PhD in Machine Learning AI. Dr. Zakir Khan has published 13 research articles & conference papers having a citation count of 174, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Machine Learning AI Hazara University , Pakistan	2016 - 2024
MS in Computer Science Abasyn University, Islamabad Campus , Pakistan	2015 - 2012
BS in Computer Science Hazara University , Pakistan	2007 - 2011

Experience

Assistant Professor NUST Balochistan Campus	2025- Present
Assistant Professor NUST Balochistan Campus	2024 - 2024
Research Associate Hazara University , Hazara University, Mansehra	2022 - 2024
Lecturer Hazara University , Hazara University, Mansehra	2020 - 2024

Research Articles

AneRBC dataset: a benchmark dataset for computer-aided anemia diagnosis using RBC images Muhammad Shahzad Syed Hamad Shirazi Muhammad Yaqoob Zakir Khan Assad Rasheed Israr Ahmed Sheikh Asad Hayat Huiyu Zhou Database-The Journal of Biological Databases and Curation, Volume: 2024, Article Number: baae120, Pages:19 Impact Factor: 3.4 Quartile: 1 Citations: 2 DOI: doi.org/10.1093/database/baae120	2024
A Framework for Segmentation and Classification of Blood Cells Using Generative Adversarial Networks Zakir Khan Syed Hamad Shirazi Muhammad Shahzad Arslan Munir Assad Rasheed Yong Xie Sarah Gul IEEE Access , Volume:12, Page:51995-52015 Impact Factor: 3.4 Quartile: 2 Citations: 11 DOI: 10.1109/ACCESS.2024.3378575	2024
Cervical cell’s nucleus segmentation through an improved UNet architecture Assad Rasheed Syed Hamad Shirazi Arif Iqbal Umar Muhammad Shahzad Waqas Yousaf Zakir Khan PloS One , Volume:18, Issue:10, Pages: 22 Impact Factor: 2.9 Quartile: 1 Citations: 24 DOI: https://doi.org/10.1371/journal.pone.0283568	2023
Cover-based multiple book genre recognition using an improved multimodal network Assad Rasheed Arif Iqbal Umar Syed Hamad Shirazi Zakir Khan Muhammad Shahzad International Journal on Document Analysis and Recognition, Volume 26, Issue 1, Pages 65-88 Impact Factor: 1.800 Quartile: 3 Citations: 6 DOI: https://doi.org/10.1007/s10032-022-00413-8	2023

Face Recognition via Multi-Level 3D-GAN Colorization <i>Zakir Khan Arif Iqbal Umar Syed Hamad Shirazi Muhammad Shahzad Muhammad Assam Muhammad Tarek I. M. El-Wakad El-Awady Attia</i> <i>IEEE Access</i> , Volume 10, Pages 133078-133094 Impact Factor: 3.900 Quartile: 2 Citations: 3 DOI: 10.1109/ACCESS.2022.3226453	2022
Automatic eczema classification in clinical images based on hybrid deep neural network <i>Assad Rasheed Arif Iqbal Umar Syed Hamad Shirazi Zakir Khan Shah Nawaz Muhammad Shahzad</i> <i>Computers in Biology and Medicine</i> , Volume 147, Article Number 105807 Impact Factor: 7.700 Quartile: 1 Citations: 22 DOI: https://doi.org/10.1016/j.combiomed.2022.105807	2022
Lung's Segmentation Using Context-Aware Regressive Conditional GAN <i>Zakir Khan Arif Iqbal Umar Syed Hamad Shirazi Assad Rasheed Waqas Yousaf Muhammad Assam Izaz Hassan Abdullah Mohamed</i> <i>Applied Sciences</i> , Volume 12, Issue 12, Article Number 5768 Impact Factor: 2.700 Quartile: 2 Citations: 2 DOI: https://doi.org/10.3390/app12125768	2022
Identification of Anemia and Its Severity Level in a Peripheral Blood Smear Using 3-Tier Deep Neural Network <i>Muhammad Shahzad Arif Iqbal Umar Syed Hamad Shirazi Zakir Khan Asfandiyar Khan Muhammad Assam Abdullah Mohamed El-Awady Attia</i> <i>Applied Sciences-Basel</i> , Volume 12, Issue 10, Article Number 5030 Impact Factor: 2.700 Quartile: 2 Citations: 27 DOI: https://doi.org/10.3390/app12105030	2022
Patch-CNN: Deep learning for logo detection and brand recognition <i>Waqas Yousaf Arif Iqbal Umar Syed Hamad Shirazi Zakir Khan Imran Razzak Mubinaa Zaka</i> <i>Journal of Intelligent and Fuzzy Systems</i> , Volume 40, Issue 3, Pages 3849-3862 Impact Factor: 1.737 Quartile: 4 Citations: 9 DOI: http://doi.org/10.3233/JIFS-190660	2021
Image based analysis of meibomian gland dysfunction using conditional generative adversarial neural network <i>Zakir Khan Arif Iqbal Uma Syed Hamad Shirazi Asad Rasheed Abdul Qadir Sarah Gul</i> <i>BMJ Open Ophthalmology</i> , Volume 6, Issue 1, Article Number e000436 Impact Factor: N/A Citations: 36 DOI: http://doi.org/10.1136/bmjophth-2020-000436	2021
VCC-BPS: Vertical Collaborative Clustering using Bit Plane Slicing <i>Waqar Ishaq Eliya Buyukkaya Mushtaq Ali Zakir Khan</i> <i>Plos One</i> , Volume 16, Issue 1, Article Number e0244691 Impact Factor: 3.752 Quartile: 2 Citations: 1 DOI: http://doi.org/10.1371/journal.pone.0244691	2021
An efficient forensic technique for exposing region duplication forgery in digital images <i>Toqeer Mahmood Zahid Mehmood Mohsin Shah Zakir Khan</i> <i>Applied Intelligence</i> , Volume 48, Pages 1791-1801 Impact Factor: 2.882 Quartile: 2 Citations: 31 DOI: 10.1007/s10489-017-1038-5	2018
Threshold-based steganography: a novel technique for improved payload and SNR <i>Zakir Khan Mohsin Shah Muhammad Naeem Toqeer Mahmood Shah Khan Noor Ul Amin Danish Shahzad</i> <i>The International Arab Journal of Information Technology (IAJIT)</i> , Volume 13, No. 4, Pages 380-386 Impact Factor: 0.724 Quartile: 4 DOI: https://www.iajit.org/PDF/vol.13%2C%20no.4/8764.pdf	2016