

Shah Khalid

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About

Dr. Shah Khalid is working as Assistant Professor in the School of Electrical Engineering and Computer Science. Dr. Shah Khalid has a PhD in Information Retrieval. Dr. Shah Khalid has published 26 research articles & conference papers having a citation count of 318, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Information Retrieval Jiangsu University , China	2016 - 2022
MS in Web Engineering University of Peshawar , Pakistan	2008 - 2009
MSc in Computer Science University of Peshawar , Pakistan	2005 - 2006
BSc in Computer Science University of Malakand , Pakistan	2003 - 2004

Experience

Assistant Professor School of Electrical Engineering and Computer Science	2022- Present
Assistant Professor School of Electrical Engineering and Computer Science	2022 - 2022
Lecturer School of Electrical Engineering and Computer Science	2021 - 2022
MIS Programmer FATA Secreteriat , FDMA Peshawar	2010 - 2013
Lecturer as TA University of Peshawar , UOP Peshawar	2009 - 2010
Lecturer in NIP Government AKL College , Government AKL College Matta, Swat	2007 - 2008

Research Articles

Next Generation Human Action Recognition: A Comprehensive Review of State-of-the-Art Signal Processing Techniques Misha Karim Shah Khalid SUNGYOUNG LEE SULAIMAN ALMUTAIRI ABDALLAH NAMOUN Mohammed Abohashrh IEEE Access , Volume:13, Page:135609-135633 Impact Factor: 3.6 Quartile: 2 DOI: 10.1109/ACCESS.2025.3590073	2025
Hybrid Deep Neural Network with Domain Knowledge for Text Sentiment Analysis † Jawad Khan Niaz Ahmad Youngmoon Lee Shah Khalid Dildar Hussain Mathematics , Volume:13, Issue:9, Article Number 1456 Impact Factor: 2.300 Quartile: 1 DOI: https://doi.org/10.3390/math13091456	2025
Depression Detection in Social Media: A Comprehensive Review of Machine Learning and Deep Learning Techniques	2025

<p>Waleed Bin Tahir Shah Khalid SULAIMAN ALMUTAIRI MOHAMMED ABOHASHRH SUFYAN ALI MEMON JAWAD KHAN</p> <p>IEEE Access , Volume:13, Page(s):12789-12818</p> <p>Impact Factor: 3.4 Quartile: 2 Citations: 5</p> <p>DOI: 10.1109/ACCESS.2025.3530862</p>	
<p>Current Trends and Advances in Extractive Text Summarization: A Comprehensive Review</p> <p>Maryam Azam Shah Khalid SULAIMAN ALMUTAIRI Hasan Ali Khattak ABDALLAH NAMOUN AMJAD ALI Hafiz Syed Muhammad Bilal Ali</p> <p>IEEE Access , Volume:13, Page(s): 28150-28166</p> <p>Impact Factor: 3.400 Quartile: 2 Citations: 5</p> <p>DOI: 10.1109/ACCESS.2025.3538886</p>	2025
<p>DIAFM: An Improved and Novel Approach for Incremental Frequent Itemset Mining</p> <p>Mohsin Shaikh Sabina Akram Jawad Khan Shah Khalid Youngmoon Lee</p> <p>Mathematics , Volume:12, Issue: 24, Article Number:3930</p> <p>Impact Factor: 2.3 Quartile: 1 Citations: 1</p> <p>DOI: https://doi.org/10.3390/math12243930</p>	2024
<p>Utilizing Ant Colony Optimization for Result Merging in Federated Search</p> <p>Adamu Garba Shah Khalid Aliya Aleryni Irfan Ullah Nasser Mansoor Tairan Habib Shah Diyawu Mumin</p> <p>Engineering, Technology & Applied Science Research, Volume 14, No. 4, Pages 14832-14839</p> <p>Impact Factor: N/A Citations: 2</p> <p>DOI: https://doi.org/10.48084/etasr.7302</p>	2024
<p>HADE: Exploiting Human Action Recognition Through Fine-Tuned Deep Learning Methods</p> <p>Misha Karim Shah Khalid Aliya Aleryani Nasser Mansoor Tairan Zafar Ali Farman Ali</p> <p>IEEE Access , Volume 12, Pages 42769-42790</p> <p>Impact Factor: 3.900 Quartile: 2 Citations: 15</p> <p>DOI: 10.1109/ACCESS.2024.3378515</p>	2024
<p>Human Action Recognition Systems: A Review of the Trends and State-of-the-Art</p> <p>Misha Karim Shah Khalid Aliya Aleryani Jawad Khan Irfan ullah zafar Ali</p> <p>IEEE Access , Volume 12</p> <p>Impact Factor: 3.9 Quartile: 2 Citations: 27</p> <p>DOI: 10.1109/ACCESS.2024.3373199</p>	2024
<p>Summarization of Scholarly Articles Using BERT and BiGRU: Deep Learning-Based Extractive Approach</p> <p>Sheher Bano Shah Khalid Nasser Mansoor Tairan Habib Shah Hasan Ali Khattak</p> <p>Journal of King Saud University - Computer and Information Sciences, Article in Press</p> <p>Impact Factor: 6.9 Quartile: 1 Citations: 54</p> <p>DOI: https://doi.org/10.1016/j.jksuci.2023.101739</p>	2023
<p>Understanding the impact of query expansion on federated search</p> <p>Adamu Garba Shah Khalid Irfan Ullah</p> <p>Multimedia Tools and Applications , Pages 1-15</p> <p>Impact Factor: 3.6 Quartile: 2 Citations: 6</p> <p>DOI: https://doi.org/10.1007/s11042-023-15831-x</p>	2023
<p>Sentiment and Context-Aware Hybrid DNN with Attention for Text Sentiment Classification</p> <p>Shah Khalid Jawad Khan Niaz Ahmad Farman Ali Youngmoon Lee</p> <p>IEEE Access , Volume 11, Pages 28162-28179</p> <p>Impact Factor: 3.476 Quartile: 2 Citations: 54</p> <p>DOI: 10.1109/ACCESS.2023.3259107</p>	2023
<p>An Effective Scholarly Search by Combining Inverted Indices and Structured Search with Citation Networks Analysis</p> <p>Shah Khalid Shengli Wu Alam, Aftab Irfan Ullah Abdul Wahid</p> <p>IEEE access , Volume 9, Pages 120210-120226</p> <p>Impact Factor: 3.476 Quartile: 2 Citations: 20</p> <p>DOI: DOI: 10.1109/ACCESS.2021.3107939</p>	2021
<p>A multi-objective approach to determining the usefulness of papers in academic search</p> <p>Shengli Wu Fang Zhang Shah Khalid</p> <p>Data Technologies and Applications, Pages 1-15</p> <p>Impact Factor: 1.713 Quartile: 3 Citations: 36</p>	2021

DOI: 10.1108/DTA-05-2020-0104

Embedding based learning for collection selection in federated search <i>Adamu Garba Shah Khalid Khalid Irfan Ullah Shah Khusro Diyawu Mumin</i> <i>Data Technologies and Applications</i> , Volume 54 No. 5, Pages 703-717 Impact Factor: 1.667 Quartile: 3 Citations: 7 DOI: https://doi.org/10.1108/DTA-01-2019-0005	2020
Supporting Scholarly Search by Query Expansion and Citation Analysis <i>Shah Khalid Shengli Wu</i> <i>Engineering, Technology & Applied Science Research</i> , Volume 10, No. 2, Pages 6102-6108 Impact Factor: - Citations: 12 DOI: https://doi.org/10.48084/etasr.3655	2020
Real-time feedback query expansion technique for supporting scholarly search using citation network analysis <i>Shah Khalid Shengli Wu Aftab Alam Irfan Ullah</i> <i>Journal of Information Science</i> , Article Number: UNSP 0165551519863346 Impact Factor: 2.410 Quartile: 2 Citations: 17 DOI: DOI: 10.1177/0165551519863346	2019
On The Current State of Scholarly Retrieval Systems <i>Shah Khusro Godfrey Dawson-Amoah Shah Khalid Khalid Irfan Ullah</i> <i>Engineering, Technology & Applied Science Research</i> , Vol. 9, No. 1, Pages 3863-3870 Impact Factor: - Citations: 11 DOI: https://doi.org/10.48084/etasr.2448	2019
Crawling Ajax-Based Web Applications: Evolution And State-Of-The-Art <i>Shah Khalid Shah Khusro Irfan Ullah</i> <i>Malaysian Journal of Computer Science</i> , Volume 31(1), Pages 35-47 Impact Factor: 0.625 Quartile: 4 Citations: 9 DOI: https://doi.org/10.22452/mjcs.vol31no1.3	2018

Conference Proceedings

PNRG: Knowledge Graph-Driven Methodology for Personalized Nutritional Recommendation Generation <i>Aminah Bilal Lodhi Hafiz Syed Muhammad Bilal Kifayat Ullah Khan Fahad Ahmed Satti Shah Khalid Sungyoung Lee</i> <i>International Conference on Smart Living and Public Health, ICOST 2023</i> , res.country(259,) Citations: N/A DOI: 10.1007/978-3-031-43950-6_20	2023
BERT-based Extractive Text Summarization of Scholarly Articles: A Novel Architecture <i>Sheher Bano Shah Khalid</i> <i>International Conference on Artificial Intelligence of Things</i> , res.country(224,) Citations: 10 DOI: 10.1109/ICAIoT57170.2022.10121826	2022
BERT-Embedding and Citation Network Analysis based Query Expansion Technique for Scholarly Search <i>Shah Khalid Shah Khusro Aftab Alam Abdul Wahid</i> <i>The sixth smart city applications international conference</i> , res.country(224,) Citations: N/A DOI: 10.48550/arXiv.2301.11069	2021
Search Results Diversification based on Subtopics Attention Network <i>Adamu Garba Shah Khalid Khalid Shah Khusro Irfan Ullah</i> <i>2nd International Conference on Communication, Computing and Digital systems (C-CODE)</i> , res.country(177,) Citations: N/A DOI: 10.1109/C-CODE.2019.8681009	2019

Editorial Activities

Computers and Electrical Engineering Reviewed Papers for Journals	2025
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Impact Factor: 4.9	
Neurocomputing Reviewed Papers for Journals Impact Factor: 5.5	2024
IEEE Access Reviewed Papers for Journals Impact Factor: 3.2	2024
Information Processing and Management Reviewed Papers for Journals Impact Factor: 7.4	2024
Neurocomputing Reviewed Papers for Journals Impact Factor: 5.5	2024
Social Network Analysis and Mining Reviewed Papers for Journals Impact Factor: 2.5	2024
Journal of Information Science Reviewed Papers for Journals Impact Factor: 2	2024
Neurocomputing Reviewed Papers for Journals Impact Factor: 3.9	2024
IEEE Access Reviewed Papers for Journals Impact Factor: 3.9	2024
Egyptian Informatics Journal Reviewed Papers for Journals Impact Factor: 2.5	2024
Expert Systems with Applications Reviewed Papers for Journals Impact Factor: 7.5	2024
IEEE Access Reviewed Papers for Journals Impact Factor: 3.4	2024
IEEE Access Reviewed Papers for Journals Impact Factor: 3.4	2024
International Journal of Computational Intelligence Systems Reviewed Papers for Journals Impact Factor: 2.5	2024
IEEE Access Reviewed Papers for Journals Impact Factor: 3.4	2024
Engineering, Technology & Applied Science Research Reviewed Papers for Journals Impact Factor: 1.05	2024
IEEE Access Reviewed Papers for Journals Impact Factor: 3.4	2024
International Journal of Machine Learning and Cybernetics Reviewed Papers for Journals Impact Factor: 4.3	2024
IEEE Access	2024

Impact Factor: 3.36

2024

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2024

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Impact Factor: 8.6

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Impact Factor: 3.36

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Impact Factor: 1.5

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IEEE Access Reviewed Papers for Journals Impact Factor: 3.36	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.36	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.36	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.36	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.36	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.36	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.36	2023
Knowledge-Based Systems Reviewed Papers for Journals Impact Factor: 8.8	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.36	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.36	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.36	2023
Journal of Information Science Reviewed Papers for Journals Impact Factor: 2.4	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.9	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.36	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.900	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.476	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.476	2023
IEEE Access Reviewed Papers for Journals	2023

Impact Factor: 3.36	
Engineering Technology & Applied Science Research Reviewed Papers for Journals Impact Factor: N/A	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.476	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.476	2023
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IEEE Access Reviewed Papers for Journals Impact Factor: 3.476	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.36	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.28	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.745	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.476	2023
IEEE Access Reviewed Papers for Journals Impact Factor: 3.476	2022
IEEE Access Reviewed Papers for Journals Impact Factor: 3.476	2022
IEEE Access Reviewed Papers for Journals Impact Factor: 3.476	2022
IEEE Access Reviewed Papers for Journals Impact Factor: 3.28	2022
IEEE Access Reviewed Papers for Journals Impact Factor: 3.28	2022
IEEE Access Reviewed Papers for Journals Impact Factor: 0	2022
Journal of Information Science	2022

Reviewed Papers for Journals
Impact Factor: 2.462

2021

Reviewed Papers for Journals
Impact Factor: N/A

2021

Reviewed Papers for Journals
Impact Factor: N/A

IEEE Access

2021

Reviewed Papers for Journals
Impact Factor: 3.745