

Dr. Wazir Muhammad List of Publications

- [1] Muhammad, Wazir, Supavadee Aramvith, and Takao Onoye. "Multi-scale Xception based depthwise separable convolution for single image super-resolution." Plos one 16, no. 8 (2021): e0249278.
- [2] Muhammad, Wazir, Zuhaibuddin Bhutto, Arslan Ansari, Mudasar Latif Memon, Ramesh Kumar, Ayaz Hussain, Syed Ali Raza Shah, Imdadullah Thaheem, and Shamshad Ali. "Multi-Path Deep CNN with Residual Inception Network for Single Image Super-Resolution." Electronics 10, no. 16 (2021): 1979.
- [3] Muhammad, Wazir, and Supavadee Aramvith. "Multi-Scale Inception Based Super-Resolution Using Deep Learning Approach." Electronics 8, no. 8 (2019): 892.
- [4] Muhammad, Wazir, Irfan Ullah, and Mohammad Ashfaq. "An Introduction to Deep Convolutional Neural Networks With Keras." In Machine Learning and Deep Learning in Real-Time Applications, pp. 231-272.
- [5] Wazir Muhammad, Ali Raza Shah, Zuhaibuddin Bhutto, Jalal Shah, Murtaza Hussain Shaikh, Ayaz Hussain, Imdadullah Taheem and Shamshad Rajpar (2021). Deep Transfer Learning CNN based approach for Covid-19 Detection. International Journal of Advanced and Applied Sciences, 8(11).
- [6] Imdadullah Taheem, Shamshad Ali, Muhammad Waqas, Ayaz Hussain, Afaque Manzoor Soomro, Zuhaibuddin Bhutto, Syed Ali Raza Shah, Wazir Muhammad and Jalal Shah. " Electrochemical performance of NiCo₂O₄ spinel cathodes for intermediate temperature solid oxide fuel cells." Physica Status Solidi A: Applications and Materials Science.
- [7] Syed Ali Raza Shah, Jalal Shah, Wazir Muhammad, Imdadullah Taheem, Zuhaibuddin Bhutto, Ayaz Hussain, Shamshad Ali and Abdullah Mengal (2021). Mediating Effect of the Organizational Culture on the relationship between Leadership and Operational Performance in Food Processing SMES. International Journal of Advanced and Applied Sciences, 8(10).
- [8] Muhammad, Wazir, Zuhaibuddin Bhutto, Syed Ali Raza Shah and Jalal Shah. "HANS: Hybrid Attention Network for Single Image Super-Resolution". Electronics MDPI.
- [9] Wazir Muhammad, Ayaz Hussain, Sysed Ali Raza Shah, Zuhaibuddin Bhutto, Jalal Shah, Imdadullah Taheem, Shamshad Ali, and Salman Mansrour. " SDCN: Synchronized Depthwise Separable Convolutional Neural Network for Single Image Super-Resolution". INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY, (2021).
- [10] Wazir Muhammad, Zuhaibuddin Bhutto, Syed Ali Raza Shah, Jalal Shah, Imdadullah Taheem, , Ayaz Hussain, and Shamshad Ali (2021). Multi-scale Inception based Deep Convolutional Neural Network for Brain MRI Image Super-Resolution. International Journal of Advanced and Applied Sciences, 8(11).
- [11] Imdadullah Taheem, Shamshad Ali, Muhammad Waqas, Ayaz Hussain, Afaque Manzoor Soomro, Zuhaibuddin Bhutto, Syed Ali Raza Shah, Wazir Muhammad and Jalal Shah. " Nonlinear dynamic monostable and bistable energy harvester." Physica Status Solidi A: Applications and Materials Science.

- [12] Shamshad Ali, Muhammad Waqas, Imdadullah Taheem, Ayaz Hussain, Afaque Manzoor Soomro, Zuhaibuddin Bhutto, Wazir Muhammad, Syed Ali Raza Shah and and Jalal Shah. " Nitrogen enriched mesoporous carbon sphere as efficient anode for long cycle Li/Na ion batteries." *Physica Status Solidi A: Applications and Materials Science*.
- [13] Laghari, Wazir Muhammad, Mohammad Usman Baloch, Muhammad Abid Mengal, and Syed Jalal Shah. "Performance analysis of analog butterworth low pass filter as compared to Chebyshev type-I filter, Chebyshev type-II filter and elliptical filter." *Circuits and Systems 2014* (2014).
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- [16] Abbasi, Sikandar Ali, Wazir Muhammad Laghari, and Gul Muhammad Baloch. "The Importance Of Adopting Sustainable Practices & Community Participation In Power Projects." *VFAST Transactions on Education and Social Sciences* 8, no. 1 (2015).