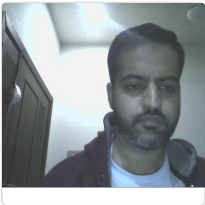


Mansoor Asif

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About

Dr. Mansoor Asif is working as Assistant Professor in the School of Electrical Engineering and Computer Science. Dr. Mansoor Asif has a PhD in Power Systems. Dr. Mansoor Asif has published 20 research articles & conference papers having a citation count of 253, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Power Systems Hanyang University , Korea	2017 - 2020
MS in Power Systems North China Electric Power University , China	2013 - 2015
BE in Power NUST, Islamabad , Pakistan	2009 - 2013

Experience

Assistant Professor School of Electrical Engineering and Computer Science	2023- Present
Assistant Professor School of Electrical Engineering and Computer Science	2021 - 2023
Assistant Professor School of Electrical Engineering and Computer Science	2020 - 2021
Assistant Professor School of Electrical Engineering and Computer Science	2020 - 2020
Lecturer School of Electrical Engineering and Computer Science	2015 - 2020

Awards

Professional Memberships

PEC	Since 2016
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Research Articles

Non-linear Synergetic Control of UPFC for Efficient Damping of Local and Inter-Area Oscillations Umer Afaq Farhan Ali Ammar Hasan Iftikhar Ahmad Mansoor Asif IEEE Transactions on Power Systems, Volume 39, Issue 1 Impact Factor: 7.326   Quartile: 1   Citations: 10 DOI: 10.1109/TPWRS.2023.3263891	2024
Backstepping based real twisting sliding mode control for photovoltaic system Sarmad Majeed Malik Mansoor Asif Muhammad Numan Sahid Ullah Yingyun Sun Junjie Hu Muhammad Kamran Bodla Frontiers in Energy Research, Volume 10, Article Number :1087593 Impact Factor: 3.858   Quartile: 3   Citations: 1 DOI: 10.3389/fenrg.2022.1087593	2023

<b>Impact of Dynamic Thermal Rating on optimal siting and sizing of energy storage systems under Renewable Portfolio Standards requirements</b> <i>Muhammad Numan Mansoor Asif Muhammad Waseem Khan Sarmad Majeed Malik Fakhar Uddin Khilji Sustainable Energy, Grids and Networks</i> , Volume 32, Article Number 100881 <b>Impact Factor:</b> 5.405   <b>Quartile:</b> 1   <b>Citations:</b> 13 <b>DOI:</b> <a href="https://doi.org/10.1016/j.segan.2022.100881">https://doi.org/10.1016/j.segan.2022.100881</a>	2022
<b>Exploiting the Inherent Flexibility in Transmission Network for Optimal Scheduling, Wind Power Utilization, and Network Congestion Management</b> <i>Akif Zia Khan Kashif Imran Muhammad Mansoor Asif Sarmad Majeed Malik IEEE Access</i> , Volume 9, Pages 88746-88758 <b>Impact Factor:</b> 3.476   <b>Quartile:</b> 2   <b>Citations:</b> 22 <b>DOI:</b> <a href="https://doi.org/10.1109/ACCESS.2021.3090089">10.1109/ACCESS.2021.3090089</a>	2021
<b>Assessment of Overvoltage and Insulation Coordination in Mixed HVDC Transmission Lines Exposed to Lightning Strikes</b> <i>Mansoor Asif Ho-Yun Lee Kyu-Hoon Park Ayesha Shakeel Bang-Wook Lee Ho-Yun Lee Kyu-Hoon Park Ayesha Shakeel Bang-Wook Lee Energies</i> , Volume 12, Issue 21, Article Number 4217 <b>Impact Factor:</b> 2.702   <b>Quartile:</b> 3   <b>Citations:</b> 11 <b>DOI:</b> <a href="https://doi.org/10.3390/en12214217">https://doi.org/10.3390/en12214217</a>	2019
<b>Accurate Evaluation of Steady-State Sheath Voltage and Current in HVDC Cable Using Electromagnetic Transient Simulation</b> <i>Ho-Yun Lee Kyu-Hoon Park Bang-Wook Lee Mansoor Asif Ho-Yun Lee Kyu-Hoon Park Bang-Wook Lee Energies</i> , Volume 12, Issue 21, Article Number 4161 <b>Impact Factor:</b> 2.702   <b>Quartile:</b> 3   <b>Citations:</b> 11 <b>DOI:</b> <a href="https://doi.org/10.3390/en12214161">https://doi.org/10.3390/en12214161</a>	2019
<b>Assessment of appropriate SFCL type considering DC fault interruption in full bridge modular multilevel converter HVDC system</b> <i>Ho-Yun Lee Mansoor Asif Kyu-Hoon Park Bang-Wook Lee Ho-Yun Lee Kyu-Hoon Park Bang-Wook Lee Physica C: Superconductivity and its Applications</i> , Volume 563, Pages 1-6 <b>Impact Factor:</b> 1.241   <b>Quartile:</b> 4   <b>Citations:</b> 17 <b>DOI:</b> <a href="https://doi.org/10.1016/j.physc.2019.04.006">https://doi.org/10.1016/j.physc.2019.04.006</a>	2019
<b>Evaluation of Electric Field and Space Charge Dynamics in Dielectric under DC Voltage with Superimposed Switching Impulse</b> <i>Ik-Soo Kwon Sun-Jin Kim Bang-Wook Lee Ik-Soo Kwon Sun-Jin Kim Mansoor Asif Bang-Wook Lee Energies</i> , Volume 12 Issue 10, Article Number 1836 <b>Impact Factor:</b> 2.702   <b>Quartile:</b> 3   <b>Citations:</b> 11 <b>DOI:</b> <a href="https://doi.org/10.3390/en12101836">https://doi.org/10.3390/en12101836</a>	2019
<b>Appropriate Protection Scheme for DC Grid Based on the Half Bridge Modular Multilevel Converter System</b> <i>Ho-Yun Lee Kyu-Hoon Park Hyun-Min Mun Bang-Wook Lee Ho-Yun Lee Mansoor Asif Kyu-Hoon Park Hyun-Min Mun Bang-Wook Lee Energies</i> , Volume 12, Issue 10, Article Number 1837 <b>Impact Factor:</b> 2.702   <b>Quartile:</b> 3   <b>Citations:</b> 14 <b>DOI:</b> <a href="https://doi.org/10.3390/en12101837">https://doi.org/10.3390/en12101837</a>	2019
<b>Parameter identification of dc black-box arc model using non-linear least squares</b> <i>Kyu-Hoon Park Ho-Yun Lee Mansoor Asif Bang-Wook Lee Journal of Engineering</i> , Volume 2019, Issue 16, Pages 2202-2206 <b>Impact Factor:</b> 0 <b>DOI:</b> <a href="https://doi.org/10.1049/joe.2018.8369">https://doi.org/10.1049/joe.2018.8369</a>	2019
<b>Feasible protection strategy for HVDC system by means of SFCL and passive resonance DC breaker</b> <i>Ho-Yun Lee Mansoor Asif Kyu-Hoon Park Bang-Wook Lee Journal of Engineering</i> , Volume 2019, Issue 16, Pages 767-770 <b>Impact Factor:</b> 0 <b>DOI:</b> <a href="https://doi.org/10.1049/joe.2018.9040">https://doi.org/10.1049/joe.2018.9040</a>	2019
<b>Analysis of Transient Behavior of Mixed High Voltage DC Transmission Line Under Lightning Strikes</b> <i>Mansoor Asif Umer Amir Khan Ho-Yun Lee Kyu-Hoon Park Bang-Wook Lee IEEE Access</i> , Volume 7, Pages 7194-7205 <b>Impact Factor:</b> 3.745   <b>Quartile:</b> 1   <b>Citations:</b> 16	2019

DOI: <https://doi.org/10.1109/access.2018.2889828>

<b>Influence of Placement of Overhead Ground Wires on Steady State Induction in AC-DC Hybrid Transmission Corridor</b> <i>Kyu-Hoon Park Bang-Wook Lee Ho-Yun Lee Kyu-Hoon Park Bang-Wook Lee Ho-Yun Lee Mansoor Asif</i> <i>IEEE Transactions on Power Delivery</i> , Volume 33, No.6, Pages 2999-3008 <b>Impact Factor: 4.415   Quartile: 1   Citations: 12</b> DOI: <a href="https://doi.org/10.1109/TPWRD.2018.2848663">https://doi.org/10.1109/TPWRD.2018.2848663</a>	2018
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<b>Assessment of Appropriate MMC Topology Considering DC Fault Handling Performance of Fault Protection Devices</b> <i>Mansoor Asif Kyu-Hoon Park Ho-Yun Lee Bang-Wook Lee</i> <i>Applied Sciences</i> , Volume 8, Issue 10, Article Number 1834 <b>Impact Factor: 2.217   Quartile: 3   Citations: 5</b> DOI: <a href="https://doi.org/10.3390/app8101834">https://doi.org/10.3390/app8101834</a>	2018
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<b>VSG Stability and Coordination Enhancement under Emergency Condition</b> <i>Aazim Rasool Xiangwu Yan Haaris Rasool Hongxia Guo Mansoor Asif</i> <i>Electronics</i> , Volume 7, Issue 9, Article Number 202 <b>Impact Factor: 1.764   Quartile: 3   Citations: 18</b> DOI: <a href="https://doi.org/10.3390/electronics7090202">https://doi.org/10.3390/electronics7090202</a>	2018
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<b>Surface Flashover Characteristics of PPLP According to Its Orientation in Cryogenic Environment</b> <i>Jin-Yong Na Jae-Hong Koo Mansoor Asif Ik-Soo Kwon Bang-Wook Lee</i> <i>IEEE Transactions on Applied Superconductivity</i> , Volume: 28, Issue: 4, Article Number 5400305 <b>Impact Factor: 1.692   Quartile: 3   Citations: 6</b> DOI: <a href="https://doi.org/10.1109/TASC.2018.2800033">https://doi.org/10.1109/TASC.2018.2800033</a>	2018
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<b>Feasible Application Study of Several Types of Superconducting Fault Current Limiters in HVDC Grids</b> <i>Ho-Yun Lee Mansoor Asif Kyu-Hoon Park Bang-Wook Lee</i> <i>IEEE Transactions on Applied Superconductivity</i> , Volume 28, Issue 4, Article Number 5601205 <b>Impact Factor: 1.692   Quartile: 3   Citations: 82</b> DOI: <a href="https://doi.org/10.1109/tasc.2018.2799745">https://doi.org/10.1109/tasc.2018.2799745</a>	2018
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<b>Rapid generation of control parameters of Multi-Infeed system through online simulation</b> <i>Aazim Rasool Chongru Liu Haaris Rasool Aazim Rasool Chongru Liu Haaris Rasool Mansoor Asif</i> <i>Ingeniería Investigación</i> , Volume 37, No. 2, Pages 67-73 <b>Impact Factor: 0.455   Quartile: 4   Citations: 4</b> DOI: <a href="https://doi.org/10.15446/ing.investig.v37n2.61822">https://doi.org/10.15446/ing.investig.v37n2.61822</a>	2017
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## Conference Proceedings

<b>Investigation of Arc Behavior in HVDC LC Resonance Circuit Breaker Using Flexible Pulsed DC-Source</b> <i>Kyu-Hoon Park Ho-Yun Lee Mansoor Asif Bang-Wook Lee</i> <i>Condition Monitoring and Diagnosis (CMD)</i> , res.country(13,) <b>Citations: N/A</b> DOI: <a href="https://doi.org/10.1109/CMD.2018.8535906">doi: 10.1109/CMD.2018.8535906</a>	2018
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<b>Assessment of various kinds of AC black-box arc models for DC circuit breaker</b> <i>Ho-Yun Lee Bang-Wook Lee Tae-Yong Shin Kyu-Hoon Park Mansoor Asif Chi-Wuk Gu</i> <i>4th International Conference on Electric Power Equipment - Switching Technology (ICEPE-ST)</i> , res.country(48,) <b>Citations: N/A</b> DOI: <a href="https://doi.org/10.1109/ICEPE-ST.2017.8188878">https://doi.org/10.1109/ICEPE-ST.2017.8188878</a>	2017
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Editorial Activities

Reviewed Papers for Journals Impact Factor: 1.704	2021
Reviewed Papers for Journals Impact Factor: 0	2021
Reviewed Papers for Journals Impact Factor: 0	2021
Reviewed Papers for Journals Impact Factor: 0	2021
Reviewed Papers for Journals Impact Factor: 0	2021
Reviewed Papers for Journals Impact Factor: 0	2021
Reviewed Papers for Journals Impact Factor: 1.704	2021
Reviewed Papers for Journals Impact Factor: 4.630	2020
Reviewed Papers for Journals Impact Factor: 3.938	2020
Reviewed Papers for Journals Impact Factor: 4.630	2020
Reviewed Papers for Journals Impact Factor: 1.704	2018