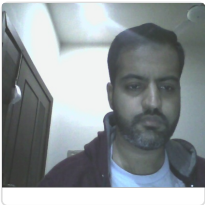


Mansoor Asif

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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 254, 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

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

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

Influence of Placement of Overhead Ground Wires on Steady State Induction in AC-DC Hybrid Transmission Corridor 2018
Kyu-Hoon Park Bang-Wook Lee Ho-Yun Lee Kyu-Hoon Park Bang-Wook Lee Ho-Yun Lee Mansoor Asif
IEEE Transactions on Power Delivery, Volume 33, No.6, Pages 2999-3008
Impact Factor: 4.415 | Quartile: 1 | Citations: 12
DOI: <https://doi.org/10.1109/TPWRD.2018.2848663>

Assessment of Appropriate MMC Topology Considering DC Fault Handling Performance of Fault Protection Devices 2018
Mansoor Asif Kyu-Hoon Park Ho-Yun Lee Bang-Wook Lee
Applied Sciences, Volume 8, Issue 10, Article Number 1834
Impact Factor: 2.217 | Quartile: 3 | Citations: 5
DOI: <https://doi.org/10.3390/app8101834>

VSG Stability and Coordination Enhancement under Emergency Condition 2018
Aazim Rasool Xiangwu Yan Haaris Rasool Hongxia Guo Mansoor Asif
Electronics, Volume 7, Issue 9, Article Number 202
Impact Factor: 1.764 | Quartile: 3 | Citations: 18
DOI: <https://doi.org/10.3390/electronics7090202>

Surface Flashover Characteristics of PPLP According to Its Orientation in Cryogenic Environment 2018
Jin-Yong Na Jae-Hong Koo Mansoor Asif Ik-Soo Kwon Bang-Wook Lee
IEEE Transactions on Applied Superconductivity, Volume: 28, Issue: 4, Article Number 5400305
Impact Factor: 1.692 | Quartile: 3 | Citations: 6
DOI: <https://doi.org/10.1109/TASC.2018.2800033>

Feasible Application Study of Several Types of Superconducting Fault Current Limiters in HVDC Grids 2018
Ho-Yun Lee Mansoor Asif Kyu-Hoon Park Bang-Wook Lee
IEEE Transactions on Applied Superconductivity, Volume 28, Issue 4, Article Number 5601205
Impact Factor: 1.692 | Quartile: 3 | Citations: 82
DOI: <https://doi.org/10.1109/tasc.2018.2799745>

Rapid generation of control parameters of Multi-Infeed system through online simulation 2017
Aazim Rasool Chongru Liu Haaris Rasool Aazim Rasool Chongru Liu Haaris Rasool Mansoor Asif
Ingeniería Investigación, Volume 37, No. 2, Pages 67-73
Impact Factor: 0.455 | Quartile: 4 | Citations: 4
DOI: <https://doi.org/10.15446/ing.investig.v37n2.61822>

Conference Proceedings

Investigation of Arc Behavior in HVDC LC Resonance Circuit Breaker Using Flexible Pulsed DC-Source 2018
Kyu-Hoon Park Ho-Yun Lee Mansoor Asif Bang-Wook Lee
Condition Monitoring and Diagnosis (CMD), res.country(13,)
Citations: N/A
DOI: [doi: 10.1109/CMD.2018.8535906](https://doi.org/10.1109/CMD.2018.8535906)

Assessment of various kinds of AC black-box arc models for DC circuit breaker 2017
Ho-Yun Lee Bang-Wook Lee Tae-Yong Shin Kyu-Hoon Park Mansoor Asif Chi-Wuk Gu
4th International Conference on Electric Power Equipment - Switching Technology (ICEPE-ST), res.country(48,)
Citations: N/A
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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