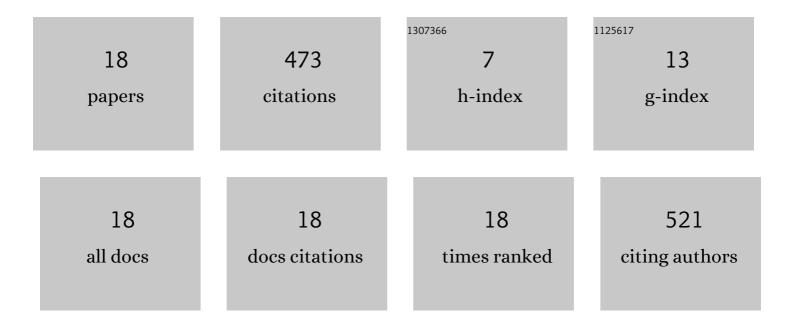
Xiangyu Zhang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/589282/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Control of PMSG-Based Wind Turbines for System Inertial Response and Power Oscillation Damping. IEEE Transactions on Sustainable Energy, 2015, 6, 565-574. | 5.9 | 284 |
| 2 | Integrated wind turbine controller with virtual inertia and primary frequency responses for grid dynamic frequency support. IET Renewable Power Generation, 2017, 11, 1129-1137. | 1.7 | 89 |
| 3 | Pole-to-ground fault analysis in transmission line of DC grids based on VSC. , 2016, , . | | 13 |
| 4 | A Novel Forced Resonant Mechanical DC Circuit Breaker by Using Auxiliary Oscillation Switch for Zero-Crossing. IEEE Transactions on Power Electronics, 2021, 36, 12202-12206. | 5.4 | 13 |
| 5 | An IGBT Current Boosting Method by Using Ultrahigh Driving-Voltage in HVdc Circuit Breaker Applications. IEEE Transactions on Power Electronics, 2022, 37, 8146-8156. | 5.4 | 13 |
| 6 | A Low-Cost DC Chopper With Coupling Transformer for Offshore Wind VSC-HVdc System. IEEE Transactions on Power Electronics, 2022, 37, 4979-4984. | 5.4 | 11 |
| 7 | A Novel High-Power Hybrid DC Breaker Based on Compound Power Electronic Switch With Integrated Commutation Ability. IEEE Transactions on Power Electronics, 2022, 37, 2465-2469. | 5.4 | 8 |
| 8 | Effects of twoâ€area variable inertia on transient stabilisation in interconnected power system with DFIGâ€based wind turbines. IET Renewable Power Generation, 2017, 11, 696-706. | 1.7 | 7 |
| 9 | Transient Voltage Recovery Control and Stability Criterion of VSC-Based DC Power Grid. IEEE Transactions on Power Systems, 2021, 36, 3496-3506. | 4.6 | 7 |
| 10 | A Voltage-Boosting Submodules Based Modular Multilevel Converter With Temporary Energy Storage Ability for Fault Ride Through of Offshore Wind VSC-HVDC System. IEEE Transactions on Sustainable Energy, 2022, 13, 2172-2183. | 5.9 | 6 |
| 11 | <i>In Situ</i> Diagnosis of Wire Bonding Faults for Multichip IGBT Modules Based on the Crosstalk Effect. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 5107-5117. | 3.7 | 5 |
| 12 | Analysis for magnetic field disturbance of hybrid DC circuit breaker during breaking. High Voltage, 2022, 7, 523-535. | 2.7 | 5 |
| 13 | Operation and control of isolated microgrid with wind turbines and seawater desalination equipment. , 2015, , . | | 3 |
| 14 | Integrated control of photovoltaic-energy storage system for power oscillation damping enhancement. , 2016, , . | | 3 |
| 15 | Analysis and suppression of voltage oscillation at DC circuit breaker terminal in DC fault transient process. High Voltage, 2022, 7, 1194-1203. | 2.7 | 3 |
| 16 | Supplementary power control of PMSG-based wind farms for system dynamic stability. , 2013, , . | | 2 |
| 17 | Optimised damping control of islanded DC power systems using state feedback. IET Generation, Transmission and Distribution, 2020, 14, 3929-3940. | 1.4 | 1 |
| 18 | Variable Inertias of Wind Turbines in Interconnected Power System for Transient Stability Enhancement. , 2022, , . | | 0 |