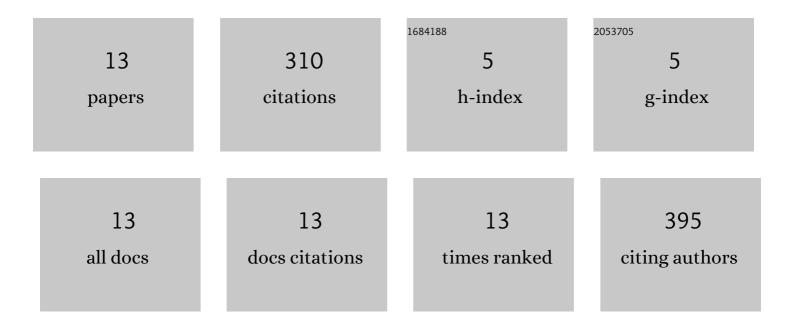
Maxim Lu

List of Publications by Year in descending order

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MAXIM LII

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Wireless Charging Techniques for UAVs: A Review, Reconceptualization, and Extension. IEEE Access, 2018, 6, 29865-29884. | 4.2 | 179 |
| 2 | Precise Analysis on Mutual Inductance Variation in Dynamic Wireless Charging of Electric Vehicle. Energies, 2018, 11, 624. | 3.1 | 42 |
| 3 | An Improved Multicriteria Optimization Method for Solving the Electric Vehicles Planning Issue in Smart Grids via Green Energy Sources. IEEE Access, 2020, 8, 3465-3481. | 4.2 | 26 |
| 4 | Smart load scheduling strategy utilising optimal charging of electric vehicles in power grids based on an optimisation algorithm. IET Smart Grid, 2020, 3, 914-923. | 2.2 | 23 |
| 5 | Unmanned Aerial Vehicle (UAV) charging from powerlines. , 2017, , . | | 12 |
| 6 | A simulation study on four different compensation topologies in EV wireless charging. , 2017, , . | | 11 |
| 7 | Transformer frequency response: a new technique to analyze and distinguish the low-frequency band in the frequency response analysis spectrum. IEEE Electrical Insulation Magazine, 2018, 34, 39-49. | 0.8 | 7 |
| 8 | Analysis of magnetically coupled resonator and four-coil wireless charging systems for EV. , 2017, , . | | 6 |
| 9 | Experimental Analysis of the Voltage Pulsations at the Receiver's Side of a Dynamic Wireless Charging System for Electric Vehicles. , 2018, , . | | 1 |
| 10 | Simulation of Dynamic Inductive Wireless Charging Using Overhead Line. , 2018, , . | | 1 |
| 11 | Dynamic Wireless Charging of Electric Vehicles: Multi-Channel Modeling. , 2018, , . | | 1 |
| 12 | Multi-Receiver Dynamic Wireless Charging System's Architecture as a Means to Mitigate Voltage Pulsations at the Receiver: A Simulation Study. , 2019, , . | | 1 |
| 13 | Behavior of Magnetic Flux Density in Dynamic Wireless Charging of Electric Vehicles. , 2019, , . | | 0 |