

Maxim Lu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9060665/publications.pdf>

Version: 2024-02-01

13
papers

310
citations

1684188

5
h-index

2053705

5
g-index

13
all docs

13
docs citations

13
times ranked

395
citing authors

#	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