

Van-Thuan Nguyen

List of Publications by Year in descending order

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18
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docs citations

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192
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiation-Pattern Reconfigurable Antenna for Medical Implants in MedRadio Band. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 106-109.	4.0	35
2	Analysis of MRWPT using planar textile resonators for wearable applications. IET Microwaves, Antennas and Propagation, 2016, 10, 1541-1546.	1.4	21
3	Isolated Gate Driver for Medium-Voltage SiC Power Devices Using High-Frequency Wireless Power Transfer for a Small Coupling Capacitance. IEEE Transactions on Industrial Electronics, 2021, 68, 10992-11001.	7.9	21
4	A study of wireless power transfer topologies for 3.3 kW and 6.6 kW electric vehicle charging infrastructure. , 2016, , .		17
5	Optimizing compensation topologies for inductive power transfer at different mutual inductances. , 2017, , .		17
6	Design of Isolated Gate Driver Power Supply in Medium Voltage Converters using High Frequency and Compact Wireless Power Transfer. , 2019, , .		15
7	Efficiency optimization of WPT system with a planar receiver for mobile applications. Microwave and Optical Technology Letters, 2016, 58, 1817-1819.	1.4	12
8	Coil-to-Coil Efficiency Optimization of Double-Sided LCC Topology for Electric Vehicle Inductive Chargers. IEEE Transactions on Industrial Electronics, 2022, 69, 11242-11252.	7.9	10
9	Impact of Dielectric Constant on Embedded Antenna Efficiency. International Journal of Antennas and Propagation, 2014, 2014, 1-6.	1.2	9
10	Dual-Output Isolated Gate Driver Power Supply for Medium Voltage Converters using High Frequency Wireless Power Transfer. , 2020, , .		8
11	Magnetic resonance wireless power transfer for laptop computer with a ground plane. Microwave and Optical Technology Letters, 2017, 59, 514-521.	1.4	7
12	Efficiency optimization of double-sided LCC topology for inductive power transfer systems. , 2021, , .		5
13	Analysis of WPT system using rearranged indirect-fed method for mobile applications. , 2015, , .		3
14	Performance Evaluation of 10kV SiC-based Extreme Fast Charger for Electric Vehicles with Direct MV AC Grid Interconnection. , 2020, , .		3
15	Wireless power transfer for mobile devices with consideration of ground effect. , 2015, , .		2
16	Electromagnetic interaction between multiple inductive power transfer systems. , 2017, , .		1
17	Vehicle-to-Vehicle Inductive Power Transfer: Design Analysis and Topology Selection. , 2020, , .		1
18	Harmonic filter with low coupling capacitance for Medium Voltage, high dv/dt PWM converters. , 2020, , .		1