

Seung-Hwan Lee

List of Publications by Year in descending order

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17
papers

492
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1307594

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docs citations

17
times ranked

534
citing authors

#	ARTICLE	IF	CITATIONS
1	Load Voltage and Current Observers for Series-Series Wireless Power Transfer System. IEEE Transactions on Industrial Electronics, 2022, 69, 5615-5624.	7.9	9
2	A Novel Solid-State Transformer With Loosely Coupled Resonant Dual-Active-Bridge Converters. IEEE Transactions on Industry Applications, 2022, 58, 709-719.	4.9	9
3	High dv/dt immunity, high insulation voltage, ultra-compact, inductive power supply for gate-drivers of wide-bandgap semiconductor switches. Journal of Power Electronics, 2022, 22, 935-946.	1.5	1
4	Novel Transformerless Multilevel Inductive Power Transfer System. IEEE Access, 2022, 10, 55565-55573.	4.2	2
5	Design Methodology for A Transformerless Multilevel Inductive Power Transfer System. , 2021, , .		1
6	Impact of Rebar and Concrete on Power Dissipation of Wireless Power Transfer Systems. IEEE Transactions on Industrial Electronics, 2020, 67, 276-287.	7.9	13
7	Synchronous Reference Frame Model of A Series-Series Tuned Inductive Power Transfer System. IEEE Transactions on Industrial Electronics, 2020, 67, 10325-10334.	7.9	19
8	A New Multilevel Inductive Power Transfer System. , 2020, , .		3
9	6.78-MHz, 50-W Wireless Power Supply Over a 60-cm Distance Using a GaN-Based Full-Bridge Inverter. Energies, 2019, 12, 371.	3.1	7
10	Load Estimation of A Series-Series Tuned Wireless Power Transfer System. , 2019, , .		1
11	A study on de-icing for railway turnouts using 250kHz-200W-class induction heating system. AIP Advances, 2019, 9, .	1.3	8
12	Development of a Wireless Power Supply System for an E-Bike. , 2019, , .		0
13	Development of a 60 kHz, 180 kW, Over 85% Efficiency Inductive Power Transfer System for a Tram. Energies, 2016, 9, 1075.	3.1	22
14	A New Design Methodology for a 300-kW, Low Flux Density, Large Air Gap, Online Wireless Power Transfer System. IEEE Transactions on Industry Applications, 2016, 52, 4234-4242.	4.9	46
15	Development of 50W High Quality Factor Printed Circuit Board Coils for a 6.78MHz, 60cm Air-gap Wireless Power Transfer System. Journal of the Korean Society for Railway, 2016, 19, 468-479.	0.1	3
16	Development of 1-MW Inductive Power Transfer System for a High-Speed Train. IEEE Transactions on Industrial Electronics, 2015, 62, 6242-6250.	7.9	345
17	Voltage balancing control of a series-resonant DAB converter with a virtual line shaft. Journal of Power Electronics, 0, , .	1.5	3