

Sung Yul Chu

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

107
citations

1684188

5
h-index

1720034

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12
docs citations

12
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	Transfer-Power Measurement Using a Non-Contact Method for Fair and Accurate Metering of Wireless Power Transfer in Electric Vehicles. IEEE Transactions on Power Electronics, 2022, 37, 1244-1271.	7.9	24
2	Electromagnetic Model-Based Foreign Object Detection for Wireless Power Transfer. IEEE Transactions on Power Electronics, 2022, 37, 100-113.	7.9	21
3	Transfer-power measurement: A non-contact method for fair and accurate metering of wireless power transfer in electric vehicles. , 2017, , .		14
4	Conceptual Design for HTS Coil in Superconducting Electromagnet for Maglev. IEEE Transactions on Applied Superconductivity, 2011, 21, 1560-1563.	1.7	11
5	Electromagnetic Model-Based Foreign Object Detection for Wireless Power Transfer. , 2019, , .		10
6	Operating Characteristics of Oval-Shaped Resistive Superconducting Fault Current Limiter. IEEE Transactions on Applied Superconductivity, 2011, 21, 1246-1249.	1.7	9
7	Characteristic Comparison of the Superconducting Fault Current Limiter With Various Bypass Reactors. IEEE Transactions on Applied Superconductivity, 2010, 20, 1190-1193.	1.7	6
8	Accurate Transfer-Power Measurement for Wireless Charging of Electric Vehicles Under Misalignment. , 2018, , .		5
9	Experimental Analysis of Unequal Voltage Distribution on a Single YBCO Coated Conductor Affected by Inhomogeneous Critical Currents in Liquid Nitrogen and Sub-Cooled Liquid Nitrogen. IEEE Transactions on Applied Superconductivity, 2011, 21, 2992-2996.	1.7	3
10	A New Calibration Strategy for Transfer-Power Measurement of Wireless Charging of Electric Vehicles. , 2019, , .		3
11	Experimental study on the lightning impulse dielectric strength of liquid nitrogen insulation medium according to various pressures. Physica C: Superconductivity and Its Applications, 2011, 471, 1581-1585.	1.2	1
12	Charge Up! Wireless Power Transfer Activity for High School Students. , 0, , .		0