

Hyoungku Kang

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Conceptual Design of the Termination Part for a Transmission Superconducting Fault Current Limiter. Journal of Electrical Engineering and Technology, 2022, 17, 503-512.	2.0	1
2	Analysis of the Composite Dielectric Characteristics of Nitrogen for a Superconducting Coil System. Journal of Superconductivity and Novel Magnetism, 2017, 30, 3289-3293.	1.8	3
3	Cryogenic Discharge Characteristics of Solid Insulation Materials for Superconducting Coil Systems. Journal of Superconductivity and Novel Magnetism, 2017, 30, 2939-2944.	1.8	2
4	Analysis of the Dielectric Characteristics of Gaseous Nitrogen According to Various Temperatures and Pressures for a Magnet System. Journal of Superconductivity and Novel Magnetism, 2017, 30, 2347-2352.	1.8	1
5	Deterioration Characteristics of 2G HTS Tapes with Respect to Electrical Breakdown for Designing a High-Voltage Superconducting Apparatus. Journal of Superconductivity and Novel Magnetism, 2017, 30, 3271-3275.	1.8	0
6	Electromagnetic characteristics of a superconducting magnet for the 28 GHz ECR ion source according to the series resistance of the protection circuit. Journal of the Korean Physical Society, 2015, 67, 1430-1434.	0.7	2
7	Dielectric Characteristics of Solid Insulation Materials With Respect to Surface Roughness. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	7
8	Electromagnetic characteristics of the superconducting magnets for the 28-GHz ECR ion source. Journal of the Korean Physical Society, 2015, 66, 384-388.	0.7	0
9	A Study of the Dielectric Characteristics of Gaseous Nitrogen With Respect to the Electrode Material for Developing a High Voltage Superconducting Fault Current Limiter. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	8
10	Dielectric Characteristics of Liquid Nitrogen According to the Electrode Material. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1167-1173.	1.8	5
11	Analysis on the electrical degradation characteristics of 2G HTS wires with respect to the electrical breakdown voltages. Progress in Superconductivity and Cryogenics (PSAC), 2015, 17, 37-40.	0.3	4
12	Dielectric Design of Current Lead Parts for a 154 kV Superconducting Apparatus. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1259-1263.	1.8	0
13	Design of Current Leads for a High Voltage Superconducting Apparatus. IEEE Transactions on Applied Superconductivity, 2013, 23, 4800805-4800805.	1.7	13
14	Magnetization Loss of MgB ₂ Superconducting Wire at Various Temperatures. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1531-1535.	1.8	1
15	Analysis on the Dielectric Characteristics of Insulation Gases for Developing a High Voltage Superconducting Fault Current Limiter. IEEE Transactions on Applied Superconductivity, 2011, 21, 1332-1335.	1.7	13
16	Dielectric Tests of Superconducting Coils for Development of High Voltage Superconducting Machines. IEEE Transactions on Applied Superconductivity, 2007, 17, 1493-1496.	1.7	13
17	Electrical Breakdown Characteristics of Superconducting Magnet System in Sub-Cooled Liquid Nitrogen. IEEE Transactions on Applied Superconductivity, 2007, 17, 1509-1512.	1.7	14