

Young-Hee Han

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

517
citations

840119

11
h-index

642321

23
g-index

32
all docs

32
docs citations

32
times ranked

638
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and Long-Term Test of a Compact 154-kV SFCL. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-6.	1.1	12
2	Etching-Assisted Crumpled Graphene Wrapped Spiky Iron Oxide Particles for High-Performance Li-Ion Hybrid Supercapacitor. Small, 2018, 14, e1704209.	5.2	63
3	Three-dimensionally assembled Graphene/ \pm -MnO ₂ nanowire hybrid hydrogels for high performance supercapacitors. Materials Research Bulletin, 2017, 96, 395-404.	2.7	49
4	Design of Post Metal Shields Through Electric Field Distribution Analysis for a 154-kV SFCL. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.1	5
5	Development and Test of a Cooling System for a 154 kV Superconducting Fault Current Limiter. KEPCO Journal on Electric Power and Energy, 2015, 1, 141-144.	0.1	3
6	Development and Grid Operation of Superconducting Fault Current Limiters in KEPCO. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-4.	1.1	6
7	AC transport current loss analysis for anti-parallel current flow in face-to-face stacks of superconducting tapes. Progress in Superconductivity and Cryogenics (PSAC), 2014, 16, 42-46.	0.3	0
8	Results and Analysis of an Accident in 35-kWh SFES. IEEE Transactions on Applied Superconductivity, 2013, 23, 65-70.	1.1	1
9	Thermal Packaging of High Temperature Superconductor Bulk for Superconducting Flywheel Energy Storage. IEEE Transactions on Applied Superconductivity, 2013, 23, 5701104-5701104.	1.1	4
10	Enforcement of Levitation Force by Capturing Magnetic Flux between YBa ₂ Cu ₃ O _{7-x} Superconductor Bulk and Permanent Magnet. Japanese Journal of Applied Physics, 2012, 51, 090205.	0.8	0
11	Loss Characteristics of SFES With Amorphous Core for PMSM. IEEE Transactions on Applied Superconductivity, 2011, 21, 1489-1492.	1.1	8
12	Concept of Cold Energy Storage for Superconducting Flywheel Energy Storage System. IEEE Transactions on Applied Superconductivity, 2011, 21, 2221-2224.	1.1	52
13	Design of high efficiency mixed refrigerant Joule-Thomson refrigerator for cooling HTS cable. Cryogenics, 2011, 51, 408-414.	0.9	28
14	Trapped Field Analysis of a High Temperature Superconducting Bulk with Artificial Holes. Journal of Magnetism, 2011, 16, 181-185.	0.2	5
15	The Optimum Design for Magnetic Flux Distribution of a Superconducting Flywheel Energy Storage System. IEEE Transactions on Applied Superconductivity, 2009, 19, 2116-2119.	1.1	5
16	Design and Characterization of the Integrated Matrix-Type SFCL. IEEE Transactions on Applied Superconductivity, 2009, 19, 1831-1834.	1.1	8
17	Current Transport and Limitation Characteristics of YBCO Coated Conductor Having Different Stabilizer Connected in Series. IEEE Transactions on Applied Superconductivity, 2009, 19, 1727-1730.	1.1	5
18	Assessment of the Energy Loss for SFES With Rotational Core Type PMSM/G. IEEE Transactions on Applied Superconductivity, 2009, 19, 2087-2090.	1.1	9

#	ARTICLE	IF	CITATIONS
19	Analysis of Fault Current Limiting Characteristics According to the Fault Angle in an Integrated Three-Phase Flux-Lock Type Superconducting Fault Current Limiter. IEEE Transactions on Applied Superconductivity, 2008, 18, 721-724.	1.1	1
20	The Characteristic Analysis Between Flux-Coupling and Flux-Lock Type SFCL According to Variations of Turn Ratios. IEEE Transactions on Applied Superconductivity, 2008, 18, 737-740.	1.1	18
21	Energy Loss by Drag Force of Superconductor Flywheel Energy Storage System With Permanent Magnet Rotor. IEEE Transactions on Magnetics, 2008, 44, 4397-4400.	1.2	16
22	Temperature Dependence of the Flux Jump Upper Threshold Field in MgB ₂ Thin Films. Journal of the Physical Society of Japan, 2008, 77, 104717.	0.7	4
23	Kenaf/polypropylene biocomposites: effects of electron beam irradiation and alkali treatment on kenaf natural fibers. Composite Interfaces, 2007, 14, 559-578.	1.3	80
24	Fabrication of Bi ₂ Sr ₂ CaCu ₂ O _x and Bi ₂ Sr ₂ Ca ₂ Cu ₃ O _x Superconductor Thick Films by Using Cu-Free Precursors on Ni Substrates. Journal of Electronic Materials, 2007, 36, 1299-1302.	1.0	0
25	Superconductivity of YBCO Thick Films Prepared by Spark Plasma Sintering. Journal of Electronic Materials, 2007, 36, 1252-1257.	1.0	5
26	Henequen/Unsaturated Polyester Biocomposites: Electron Beam Irradiation Treatment and Alkali Treatment Effects on the Henequen Fiber. Macromolecular Symposia, 2006, 245-246, 539-548.	0.4	16
27	CuO formation control as a function of mixed ratio of Cu-free powders in the synthesis of YBCO superconductors on Cu substrates. Journal of Electroceramics, 2006, 17, 1063-1067.	0.8	1
28	Effect of a passive magnetic damper in a flywheel system with a hybrid superconductor bearing set. IEEE Transactions on Applied Superconductivity, 2003, 13, 2165-2168.	1.1	9
29	Effects of the seed dimension on the top surface growth mode and the magnetic properties of top-seeded melt growth processed YBCO superconductors. Physica C: Superconductivity and Its Applications, 2000, 331, 274-284.	0.6	15
30	Effects of the seed distance on the characteristics of the (100)/(100) junctions of top-seeded melt growth processed YBCO superconductors using two seeds. Physica C: Superconductivity and Its Applications, 2000, 336, 233-238.	0.6	34
31	Multiseeding with (100)/(100) grain junctions in top-seeded melt growth processed YBCO superconductors. Physica C: Superconductivity and Its Applications, 2000, 338, 205-212.	0.6	54
32	Title is missing!. Journal of Materials Science Letters, 2000, 19, 1253-1254.	0.5	1