

Chang-Young Lee

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Conceptual Design of Superconducting Linear Synchronous Motor for 600-km/h Wheel-Type Railway. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-4.	1.7	45
2	Design Model of Null-Flux Coil Electrodynamic Suspension for the Hyperloop. Energies, 2020, 13, 5075.	3.1	20
3	Operating Thermal Characteristics of REBCO Magnet for Maglev Train Using Detachable Cooling System. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	18
4	Design Optimization of a 2G HTS Magnet for Subsonic Transportation. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	17
5	Electrical Characteristics of Soldered Metal Insulation REBCO Coil. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-4.	1.7	16
6	Thermal and Electromagnetic Performance Evaluation of REBCO Magnet With Solid Nitrogen Thermal Battery for Maglev Train. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	15
7	Design and Evaluation of Prototype High-T _c Superconducting Linear Synchronous Motor for High-Speed Transportation. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	12
8	Equivalent inductance model for the design analysis of electrodynamic suspension coils for hyperloop. Scientific Reports, 2021, 11, 23499.	3.3	9
9	Characteristic Analysis of Superconducting LSM for the Wheel-rail-guided Very High Speed Train according to Winding Method of the Ground 3-phase Coils. Transactions of the Korean Institute of Electrical Engineers, 2014, 63, 1164-1169.	0.1	8
10	A Position Estimator Using Kalman Filter With a Data Rejection Filter for a Long-Stator Linear Synchronous Motor of Maglev. IEEE Access, 2020, 8, 52443-52451.	4.2	6
11	Estimation of the critical current of race-track HTS magnet considering angular dependency. Progress in Superconductivity and Cryogenics (PSAC), 2015, 17, 47-50.	0.3	6
12	Operating characteristics and cooling cost evaluation for HTS receiver arrays of wireless power charging system in superconducting MAGLEV train. Cryogenics, 2018, 94, 79-83.	1.7	5
13	Conceptual Design of Isolated Power for Quench Detection System With Highly Insulating Stability Under Super High Field Magnets Using Wireless Power Transfer Technology. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	0