Gabriel dos Santos

List of Publications by Year
in descending order

10 papers	**90** citations	1307594 **7** h-index	1372567 **10** g-index
10 all docs	**10** docs citations	**10** times ranked	**36** citing authors

#	Article	IF	Citations
1	Multi-objective optimization for the superconducting bias coil of a saturated iron core fault current limiter using the T-A formulation. Superconductor Science and Technology, 2021, 34, 025012.	3.5	17
2	Essential Material Knowledge and Recent Model Developments for REBCO-Coated Conductors in Electric Power Systems. Materials, 2021, 14, 1892.	2.9	13
3	Tests and recovery under load simulations of a novel bifilar resistive SFCL having undulated shape configuration. Superconductor Science and Technology, 2021, 34, 045009.	3.5	11
4	A 3-D Finite-Element Method Approach for Analyzing Different Short Circuit Types in a Saturated Iron Core Fault Current Limiter. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-13.	1.7	11
5	A coupling method of the superconducting devices modeled by finite element method with the lumped parameters electrical circuit. Superconductor Science and Technology, 2021, 34, 045014.	3.5	10
6	An Integrated Methodology to Assess AC Losses in the kHz Range Using the FEM and Partial Element Equivalent Circuit. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-8.	1.7	8
7	2-D Modeling of HTS Coils With T-A Formulation: How to Handle Different Coupling Scenarios. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-4.	1.7	8
8	A Novel Configuration for Resistive SFCL with bifilar 2G tapes. Journal of Physics: Conference Series, 2020, 1559, 012098.	0.4	7
9	A model for calculating losses in transformer related to orders and harmonic amplitude under analysis of joule effect, eddy current and hysteresis. International Journal of Emerging Electric Power Systems, 2020, 21, .	0.8	3
10	Emulation and experimental analysis of an axial superconductor magnetic bearing. Journal of Physics: Conference Series, 2019, 1293, 012084.	0.4	2