

Gabriel dos Santos

List of Publications by Year in descending order

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10
papers

90
citations

1307594

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h-index

1372567

10
g-index

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all docs

10
docs citations

10
times ranked

36
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	Essential Material Knowledge and Recent Model Developments for REBCO-Coated Conductors in Electric Power Systems. Materials, 2021, 14, 1892.	2.9	13
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