

Mayraluna Lao

List of Publications by Year in descending order

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9
papers

252
citations

1307594

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1474206

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g-index

9
all docs

9
docs citations

9
times ranked

354
citing authors

#	ARTICLE	IF	CITATIONS
1	A trapped field of 17.7 T in a stack of high temperature superconducting tape. Superconductor Science and Technology, 2018, 31, 09LT01.	3.5	79
2	<i>A</i> -Formulation to Model Electrical Machines With HTS Coated Conductor Coils. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-7.	1.7	56
3	Superconducting motors for aircraft propulsion: the Advanced Superconducting Motor Experimental Demonstrator project. Journal of Physics: Conference Series, 2020, 1590, 012051.	0.4	46
4	Design of a Superconducting DC Demonstrator for Wind Generators. IEEE Transactions on Energy Conversion, 2018, 33, 1955-1964.	5.2	20
5	Influence of artificial pinning centers on structural and superconducting properties of thick YBCO films on ABAD-YSZ templates. Superconductor Science and Technology, 2018, 31, 044007.	3.5	18
6	In-field performance and flux pinning mechanism of pulsed laser deposition grown BaSnO ₃ /GdBa ₂ Cu ₃ O _{7-δ} nanocomposite coated conductors by SuperOx. Superconductor Science and Technology, 2019, 32, 094003.	3.5	13
7	High current variable temperature electrical characterization system for superconducting wires and tapes with continuous sample rotation in a split coil magnet. Review of Scientific Instruments, 2019, 90, 015106.	1.3	9
8	Thick Secondary Phase Pinning-Enhanced YBCO Films on Technical Templates. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	7
9	Manifestation of granularity in the transport current of coated conductors. Superconductor Science and Technology, 2019, 32, 055004.	3.5	4