

Mayraluna Lao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/527265/publications.pdf>

Version: 2024-02-01

9
papers

252
citations

1307594

7
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

354
citing authors

#	ARTICLE	IF	CITATIONS
1	Superconducting motors for aircraft propulsion: the Advanced Superconducting Motor Experimental Demonstrator project. <i>Journal of Physics: Conference Series</i> , 2020, 1590, 012051.	0.4	46
2	<i>A</i> -Formulation to Model Electrical Machines With HTS Coated Conductor Coils. <i>IEEE Transactions on Applied Superconductivity</i> , 2020, 30, 1-7.	1.7	56
3	High current variable temperature electrical characterization system for superconducting wires and tapes with continuous sample rotation in a split coil magnet. <i>Review of Scientific Instruments</i> , 2019, 90, 015106.	1.3	9
4	In-field performance and flux pinning mechanism of pulsed laser deposition grown $\text{BaSnO}_3/\text{GdBa}_2\text{Cu}_3\text{O}_7$ nanocomposite coated conductors by SuperOx. <i>Superconductor Science and Technology</i> , 2019, 32, 094003.	3.5	13
5	Manifestation of granularity in the transport current of coated conductors. <i>Superconductor Science and Technology</i> , 2019, 32, 055004.	3.5	4
6	Influence of artificial pinning centers on structural and superconducting properties of thick YBCO films on ABAD-YSZ templates. <i>Superconductor Science and Technology</i> , 2018, 31, 044007.	3.5	18
7	Thick Secondary Phase Pinning-Enhanced YBCO Films on Technical Templates. <i>IEEE Transactions on Applied Superconductivity</i> , 2018, 28, 1-5.	1.7	7
8	Design of a Superconducting DC Demonstrator for Wind Generators. <i>IEEE Transactions on Energy Conversion</i> , 2018, 33, 1955-1964.	5.2	20
9	A trapped field of 17.7 T in a stack of high temperature superconducting tape. <i>Superconductor Science and Technology</i> , 2018, 31, 09LT01.	3.5	79