

Nadezda Bagrets

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

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citations

933447

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996975

15
g-index

15
all docs

15
docs citations

15
times ranked

261
citing authors

#	ARTICLE	IF	CITATIONS
1	Advance in the conceptual design of the European DEMO magnet system. Superconductor Science and Technology, 2020, 33, 044013.	3.5	38
2	Electrical Characterization of ENEA High Temperature Superconducting Cable. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	36
3	Thermal properties of 2G coated conductor cable materials. Cryogenics, 2014, 61, 8-14.	1.7	23
4	Investigation of Soldered REBCO Tapeâ€Copper Joints for Superconducting Applications. IEEE Transactions on Applied Superconductivity, 2016, , 1-1.	1.7	22
5	Low Temperature Thermal and Thermo-Mechanical Properties of Soft Solders for Superconducting Applications. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-3.	1.7	19
6	Correlation Between Resistances of Face-to-Face Soldered Joints and Interface Resistance Between Layers in Superconducting Tapes. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.7	15
7	Critical Current Densities of 482 A/mm^2 in HTS CrossConductors at 4.2 K and 12 T. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.7	14
8	Cryogenic Test Facility CryoMaK. IEEE Transactions on Applied Superconductivity, 2012, 22, 9501204-9501204.	1.7	13
9	Towards a 20 kA high temperature superconductor current lead module using REBCO tapes. Superconductor Science and Technology, 2018, 31, 015021.	3.5	12
10	International round robin test for tensile testing HTS wires at cryogenic temperatures. Superconductor Science and Technology, 2019, 32, 024005.	3.5	10
11	Current Transfer Length and Interfacial Resistance Between Superconductors and Metals in Commercial REBCO Tapes and Cables. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-8.	1.7	10
12	Thermal Resistance Between Metallic Surfaces of Copper and Stainless Steel at Different Temperatures and Applied Forces for High Current HTS Cable-in-Conduit Conductors. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	3
13	Data Acquisition of a Tensile Test Stand for Cryogenic Environment. IEEE Transactions on Applied Superconductivity, 2012, 22, 9000604-9000604.	1.7	2
14	Subscale HTS Fusion Conductor Fabrication and Testing in High Magnetic Background Field. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-7.	1.7	2
15	Mechanical Characterization of Low-Carbon Steels for High-Field Accelerator Magnets: Application to Nb ₃ Sn Low- β Quadrupole MQXF. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-7.	1.7	1