

# Nadezda Bagrets

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7335552/publications.pdf>

Version: 2024-02-01

15  
papers

220  
citations

933447

10  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

261  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical Characterization of Low-Carbon Steels for High-Field Accelerator Magnets: Application to Nb <sub>3</sub> Sn Low- $\beta$ Quadrupole MQXF. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-7.	1.7	1
2	Subscale HTS Fusion Conductor Fabrication and Testing in High Magnetic Background Field. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-7.	1.7	2
3	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
4	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
5	Advance in the conceptual design of the European DEMO magnet system. Superconductor Science and Technology, 2020, 33, 044013.	3.5	38
6	International round robin test for tensile testing HTS wires at cryogenic temperatures. Superconductor Science and Technology, 2019, 32, 024005.	3.5	10
7	Critical Current Densities of 482 A/mm <sup>2</sup> in HTS CrossConductors at 4.2 K and 12 T. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.7	14
8	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
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	Investigation of Soldered REBCO Tapeâ€Copper Joints for Superconducting Applications. IEEE Transactions on Applied Superconductivity, 2016, , 1-1.	1.7	22
11	Electrical Characterization of ENEA High Temperature Superconducting Cable. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	36
12	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
13	Thermal properties of 2G coated conductor cable materials. Cryogenics, 2014, 61, 8-14.	1.7	23
14	Data Acquisition of a Tensile Test Stand for Cryogenic Environment. IEEE Transactions on Applied Superconductivity, 2012, 22, 9000604-9000604.	1.7	2
15	Cryogenic Test Facility CryoMaK. IEEE Transactions on Applied Superconductivity, 2012, 22, 9501204-9501204.	1.7	13