

# Gennady Sidorov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7743265/publications.pdf>

Version: 2024-02-01

5  
papers

133  
citations

1684188

5  
h-index

2053705

5  
g-index

5  
all docs

5  
docs citations

5  
times ranked

120  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault current limiting HTS transformer with extended fault withstand time. Superconductor Science and Technology, 2019, 32, 035006.	3.5	50
2	Heat transfer and recovery performance enhancement of metal and superconducting tapes under high current pulses for improving fault current-limiting behavior of HTS transformers. Superconductor Science and Technology, 2020, 33, 095014.	3.5	38
3	Total loss measurement and simulation in a REBCO coated conductor carrying DC current in perpendicular AC magnetic field at various temperatures. Superconductor Science and Technology, 2021, 34, 065009.	3.5	25
4	AC Loss Measurement in HTS Coil Windings Coupled With Iron Core. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	11
5	Shielding Effect of (RE)Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7-d</sub> -Coated Conductors on Eddy Current Loss of Adjacent Metal Layers Under AC Magnetic Fields With Various Orientations. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-8.	1.7	9