

Mariusz Wozniak

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Fault Current Limitation in Power Network by the Superconducting Transformers Made of 2G HTS. IEEE Transactions on Applied Superconductivity, 2011, 21, 1413-1416.	1.7	22
2	DC Superconducting Cable Using MgB_2 Wires. IEEE Transactions on Applied Superconductivity, 2013, 23, 6200805-6200805.	1.7	19
3	Pulsed Magnetic Field Assisted Technique for Joining MgB_2 Conductors for Persistent Mode MRI Magnets. IEEE Transactions on Applied Superconductivity, 2013, 23, 6200104-6200104.	1.7	18
4	Optimization of the copper addition to the core of in situ Cu-sheathed MgB_2 wires. Superconductor Science and Technology, 2013, 26, 105008.	3.5	16
5	Full angular critical current characteristics of coated conductors studied using a two-axis high current goniometer. Superconductor Science and Technology, 2011, 24, 075018.	3.5	11
6	Study of short duration heat treatments of in situ copper-sheathed MgB_2 wire. Superconductor Science and Technology, 2010, 23, 105009.	3.5	10
7	Electromagnetic densification of MgB_2/Cu wires. Superconductor Science and Technology, 2014, 27, 035008.	3.5	5
8	Equitable neighbour-sum-distinguishing edge and total colourings. Discrete Applied Mathematics, 2017, 222, 40-53.	0.9	5
9	On a directed variation of the 1-2-3 and 1-2 Conjectures. Discrete Applied Mathematics, 2017, 217, 123-131.	0.9	5
10	The distinguishing index of connected graphs without pendant edges. Ars Mathematica Contemporanea, 2020, 18, 117-126.	0.6	4
11	Quench Behavior of Prototype Nb-Ti HL-LHC Dipole Canted Cos-Theta Orbit Corrector Magnets. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	4
12	Modelling of transient state phenomena of composite superconducting conductors during pulse $I_{\text{c}}(B)$ measurements. Journal of Physics: Conference Series, 2010, 234, 022019.	0.4	3
13	A note on a directed version of the 1-2-3 Conjecture. Discrete Applied Mathematics, 2018, 236, 472-476.	0.9	3
14	Long-Length Critical Current Measurement of MgB_2 Wire in a Coil. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	2
15	Electromagnetically Assisted Densification of Copper-Sheeted in Situ MgB_2/Cu Wires. Journal of Superconductivity and Novel Magnetism, 2015, 28, 419-423.	1.8	2
16	Quench Protection of the HL-LHC Hollow Electron Lens Superconducting Solenoid Magnets. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	2
17	The neighbour-sum-distinguishing edge-colouring game. Discrete Mathematics, 2017, 340, 1564-1572.	0.7	1
18	On weight choosabilities of graphs with bounded maximum average degree. Discrete Applied Mathematics, 2017, 217, 663-672.	0.9	1

#	ARTICLE	IF	CITATIONS
19	A note on packing two copies of a tree into a graph with small maximum degree. <i>Discrete Mathematics</i> , 2020, 343, 111991.	0.7	1
20	On a total version of 1-2-3 Conjecture. <i>Discussiones Mathematicae - Graph Theory</i> , 2020, 40, 1175.	0.3	1
21	Conceptual Design of the HL-LHC Hollow Electron Lens Superconducting Magnet System. <i>IEEE Transactions on Applied Superconductivity</i> , 2022, 32, 1-5.	1.7	1
22	A note on breaking small automorphisms in graphs. <i>Discrete Applied Mathematics</i> , 2017, 232, 221-225.	0.9	0