

# Mariusz Wozniak

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Quench Protection of the HL-LHC Hollow Electron Lens Superconducting Solenoid Magnets. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	2
2	Conceptual Design of the HL-LHC Hollow Electron Lens Superconducting Magnet System. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	1
3	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
4	A note on packing two copies of a tree into a graph with small maximum degree. Discrete Mathematics, 2020, 343, 111991.	0.7	1
5	On a total version of 1-2-3 Conjecture. Discussiones Mathematicae - Graph Theory, 2020, 40, 1175.	0.3	1
6	The distinguishing index of connected graphs without pendant edges. Ars Mathematica Contemporanea, 2020, 18, 117-126.	0.6	4
7	A note on a directed version of the 1-2-3 Conjecture. Discrete Applied Mathematics, 2018, 236, 472-476.	0.9	3
8	Equitable neighbour-sum-distinguishing edge and total colourings. Discrete Applied Mathematics, 2017, 222, 40-53.	0.9	5
9	The neighbour-sum-distinguishing edge-colouring game. Discrete Mathematics, 2017, 340, 1564-1572.	0.7	1
10	On weight choosabilities of graphs with bounded maximum average degree. Discrete Applied Mathematics, 2017, 217, 663-672.	0.9	1
11	A note on breaking small automorphisms in graphs. Discrete Applied Mathematics, 2017, 232, 221-225.	0.9	0
12	On a directed variation of the 1-2-3 and 1-2 Conjectures. Discrete Applied Mathematics, 2017, 217, 123-131.	0.9	5
13	Long-Length Critical Current Measurement of MgB <sub>2</sub> Wire in a Coil. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	2
14	Electromagnetically Assisted Densification of Copper-Sheeted in Situ MgB <sub>2</sub> /Cu Wires. Journal of Superconductivity and Novel Magnetism, 2015, 28, 419-423.	1.8	2
15	Electromagnetic densification of MgB <sub>2</sub> /Cu wires. Superconductor Science and Technology, 2014, 27, 035008.	3.5	5
16	Pulsed Magnetic Field Assisted Technique for Joining $\text{MgB}_2$ Conductors for Persistent Mode MRI Magnets. IEEE Transactions on Applied Superconductivity, 2013, 23, 6200104-6200104.	1.7	18
17	DC Superconducting Cable Using $\text{MgB}_2$ Wires. IEEE Transactions on Applied Superconductivity, 2013, 23, 6200805-6200805.	1.7	19
18	Optimization of the copper addition to the core of in situ Cu-sheathed MgB <sub>2</sub> wires. Superconductor Science and Technology, 2013, 26, 105008.	3.5	16

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Study of short duration heat treatments of an in situ copper-sheathed MgB <sub>2</sub> wire. Superconductor Science and Technology, 2010, 23, 105009.	3.5	10
22	Modelling of transient state phenomena of composite superconducting conductors during pulse $I_c(B)$ measurements. Journal of Physics: Conference Series, 2010, 234, 022019.	0.4	3