

# Tomasz Szczegieliak

## List of Publications by Year in descending order

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16  
papers

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1937685

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#	ARTICLE	IF	CITATIONS
1	Analytical-Numerical Solution for the Skin and Proximity Effects in Two Parallel Round Conductors. Energies, 2019, 12, 3584.	3.1	12
2	NUMERICAL METHOD OF COMPUTING IMPEDANCES IN SHIELDED AND UNSHIELDED THREE-PHASE RECTANGULAR BUSBAR SYSTEMS. Progress in Electromagnetics Research B, 2013, 51, 135-156.	1.0	8
3	Thermal Analysis of the Medium Voltage Cable. Energies, 2021, 14, 4164.	3.1	6
4	Magnetic field of a shielded three-phase busbar system. , 2015, , .		4
5	Analytical-Numerical Approach to the Skin and Proximity Effect in Lines with Round Parallel Wires. Energies, 2020, 13, 6716.	3.1	4
6	A discrete numerical method for magnetic field determination in three-phase busbars of a rectangular cross-section. Turkish Journal of Electrical Engineering and Computer Sciences, 2016, 24, 1279-1291.	1.4	3
7	Operation of the Prototype Device for Induction Heating of Railway Turnouts at Various Operating Frequencies. Energies, 2021, 14, 476.	3.1	3
8	Analytical-Numerical Solution for the Proximity Effect in a Tubular Screen. , 2018, , .		2
9	The Proximity Effect in Twin Line with Round Conductors Placed in Conductive Medium. Energies, 2020, 13, 6087.	3.1	2
10	An Improved Solution for the Skin and Proximity Effects in a Tubular Screen. , 2018, , .		1
11	Magnetic field of a ribbon busbar of finite length. ITM Web of Conferences, 2018, 19, 01010.	0.5	1
12	Determination of the Operating Temperature of the Gas-Insulated Transmission Line. Applied Sciences (Switzerland), 2020, 10, 8877.	2.5	1
13	The current density distribution in the three-phase bus-bars system. , 2016, , .		0
14	Distribution of temperature in the extensive plate. , 2017, , .		0
15	Magnetic field asymmetry at external phases of shielded single-pole three-phase flat high-current busduct. ITM Web of Conferences, 2019, 28, 01007.	0.5	0
16	Analityczne wyznaczanie temperatury w jednobiegunowym torze wielkoprądowym. Przegląd Elektrotechniczny, 2018, 1, 126-129.	0.2	0