

Michal Maciusowicz

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Use of Time-Dependent Multispectral Representation of Magnetic Barkhausen Noise Signals for the Needs of Non-Destructive Evaluation of Steel Materials. <i>Sensors</i> , 2019, 19, 1443.	2.1	20
2	Time-Frequency Analysis of Barkhausen Noise for the Needs of Anisotropy Evaluation of Grain-Oriented Steels. <i>Sensors</i> , 2020, 20, 768.	2.1	15
3	Use of Time-Frequency Representation of Magnetic Barkhausen Noise for Evaluation of Easy Magnetization Axis of Grain-Oriented Steel. <i>Materials</i> , 2020, 13, 3390.	1.3	6
4	Analysis of time-frequency representation of Magnetic Barkhausen noise for the need of damage evaluation of steels elements. , 2018, , .		4
5	Identification of Grain Oriented SiFe Steels Based on Imaging the Instantaneous Dynamics of Magnetic Barkhausen Noise Using Short-Time Fourier Transform and Deep Convolutional Neural Network. <i>Materials</i> , 2022, 15, 118.	1.3	4
6	Influence of measurement conditions on the Magnetic Barkhausen Noise properties. , 2018, , .		3
7	Analysis of the Possibility of Using Various Time-Frequency Transformation Methods to Barkhausen Noise Characterization for the Need of Magnetic Anisotropy Evaluation in Steels. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6193.	1.3	2
8	Time-frequency representation of magnetic Barkhausen noise under various measurement conditions. , 2019, , .		1
9	A System for Monitoring of Broadband FMR Phenomenon in Low-Carbon Steel Films Subjected to Deformations. <i>Sensors</i> , 2021, 21, 4301.	2.1	1