

# Jerzy Michalski

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

59  
citations

1937685

4  
h-index

1720034

7  
g-index

11  
all docs

11  
docs citations

11  
times ranked

45  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ion nitriding of Armco iron in various glow discharge regions. <i>Surface and Coatings Technology</i> , 1993, 59, 321-324.	4.8	18
2	Kinetic aspects of low-pressure nitriding process. <i>Vacuum</i> , 2018, 155, 292-299.	3.5	16
3	Design, Control and in Situ Visualization of Gas Nitriding Processes. <i>Sensors</i> , 2010, 10, 218-240.	3.8	10
4	The Effect of Temperature Distribution during Laser Heat Treatment of Gas-Nitrided 42CrMo4 Steel on the Microstructure and Mechanical Properties. <i>Coatings</i> , 2020, 10, 824.	2.6	8
5	The influence of laser re-melting on microstructure and hardness of gas-nitrided steel. <i>Archives of Mechanical Technology and Materials</i> , 2016, 36, 18-22.	0.3	4
6	Applying the FMR Technique to Analyzing the Influence of Nitriding on the Magnetic Properties of Steel. <i>Materials</i> , 2022, 15, 4080.	2.9	2
7	The magnetic properties of steel after the gas nitriding process. In <i>Inżynieria Materiałowa</i> , 2017, 1, 16-22.	0.2	1
8	Deposition of surface layers by the LPCVD process conducted in a TiCl <sub>4</sub> -H <sub>2</sub> -N <sub>2</sub> atmosphere: contribution of the carbon contained in the steel substrate and of total pressure of the gaseous atmosphere. <i>Journal of Materials Science Letters</i> , 1996, 15, 1169-1171.	0.5	0
9	Wykorzystanie koncepcji potencjału maksymalnego w projektowaniu procesów regulowanego azotowania gazowego. In <i>Inżynieria Materiałowa</i> , 2015, 1, 57-61.	0.2	0
10	Wybrane aspekty regulowanego azotowania gazowego (RAG) oraz azotowania w obniżonym ciśnieniu (LPN). In <i>Inżynieria Materiałowa</i> , 2015, 1, 94-98.	0.2	0
11	Possibilities of neural networks using in the design, simulation and verification of the controlled gas nitriding process. In <i>Inżynieria Materiałowa</i> , 2017, 1, 23-28.	0.2	0