

# Tatiana Bendo

## List of Publications by Year in descending order

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11  
papers

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#	ARTICLE	IF	CITATIONS
1	Carbon Structures and Tribological Properties of Fe-C-SiC Self-Lubricating Metal Matrix Composites Prepared with $\beta$ -SiC Polytypes. <i>Lubricants</i> , 2022, 10, 112.	2.9	4
2	Effect of nanostructure on phase transformations during heat treatment of 2024 aluminum alloy. <i>Journal of Materials Research and Technology</i> , 2021, 14, 1800-1808.	5.8	6
3	Surface Mo-Enrichment and Plasma Carburizing on Sintered Iron: Microstructure and Tribological Properties. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 3723-3735.	2.5	4
4	Plasma assisted pyrolysis for processing of composite ceramic coatings based on silazane precursor and TiB <sub>2</sub> filler applied onto a sintered steel. <i>Open Ceramics</i> , 2020, 4, 100036.	2.0	2
5	Duplex surface treatment of sintered iron by plasma nitriding and plasma carburizing at low temperature. <i>Surface and Coatings Technology</i> , 2019, 375, 911-919.	4.8	11
6	Topography evolution and friction coefficient of gray and nodular cast irons with duplex plasma nitrided + DLC coating. <i>Surface and Coatings Technology</i> , 2017, 314, 18-27.	4.8	23
7	Processing of Copper Based Foil Hardened with Zirconia by Non-Deformation Method. <i>Materials Research</i> , 2017, 20, 835-842.	1.3	5
8	Colloidal Sol-Gel Synthesis and Photocatalytic Activity of Nanoparticulate Nb <sub>2</sub> O <sub>5</sub> Sols. <i>Journal of the American Ceramic Society</i> , 2016, 99, 1968-1973.	3.8	27
9	Sinterability and microstructure evolution during sintering of ferrous powder mixtures. <i>Materials Research</i> , 2013, 16, 1030-1038.	1.3	7
10	Effect of Liquid Phase during Sintering on Mechanical and Tribological Properties of Self-Lubricating Composites. <i>Materials Science Forum</i> , 0, 899, 523-527.	0.3	2
11	Development of the Self-Lubricating Steels by Compression of Granulated Powders. <i>Materials Science Forum</i> , 0, 899, 299-304.	0.3	4