

Igor Barã©nyi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Wear Behaviour of High Strength Tool Steel 90MnCrV8 in Contact with Si3N4. <i>Metals</i> , 2020, 10, 756.	2.3	18
2	Dry Sliding Friction of Tool Steels and Their Comparison of Wear in Contact with ZrO2 and X46Cr13. <i>Materials</i> , 2020, 13, 2359.	2.9	17
3	Mechanical and Tribological Features of the 90MnCrV8 Steel after Plasma Nitriding. <i>Manufacturing Technology</i> , 2019, 19, 238-242.	1.4	10
4	Hot Deformation Process Analysis and Modelling of X153CrMoV12 Steel. <i>Metals</i> , 2019, 9, 1125.	2.3	9
5	Material and technological investigation of machined surfaces of the OCHN3MFA steel. <i>Metallic Materials</i> , 2020, 57, 131-142.	0.3	9
6	Wear and Tool Life Investigation of Carbide Inserts while Hard Machining of Armox 500 Steel. <i>Manufacturing Technology</i> , 2018, 18, 273-278.	1.4	6
7	Effect of over Tempering at UHSLA Steel ARMOX 500. <i>Advanced Materials Research</i> , 0, 875-877, 1324-1328.	0.3	5
8	EVALUATION OF LIMITING DRAWING RATIO (LDR) IN DEEP DRAWING PROCESS. <i>Acta Metallurgica Slovaca</i> , 2015, 21, 258-268.	0.7	5
9	Material and Technological Aspects while Processing of Selected Ultra High Strength Steel. <i>Manufacturing Technology</i> , 2019, 19, 184-189.	1.4	4
10	Analysis of heat treatment parameters on the properties of selected tool steels M390 and M398 produced with powder metallurgy. <i>Manufacturing Technology</i> , 2022, 21, 774-780.	1.4	4
11	Analysis of the Wear on Machined Groove Profiles Using Reverse Engineering Technology. <i>Manufacturing Technology</i> , 2021, 21, 529-538.	1.4	2
12	Effect of Selected Cooling and Deformation Parameters on the Structure and Properties of AISI 4340 Steel. <i>Materials</i> , 2020, 13, 5585.	2.9	1
13	Refining of the Steels Significantly Improve the Quality. <i>Advanced Materials Research</i> , 0, 875-877, 1329-1333.	0.3	0
14	Using Fractography for Determining of Technological Reasons of Defect and Brittle Fractures Occurrence in Steels. <i>Solid State Phenomena</i> , 0, 270, 3-14.	0.3	0