

# Undrakh L Mishigdorzhijn

## List of Publications by Year in descending order

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20  
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1937685

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructure and Wear Resistance of Hot-Work Tool Steels after Electron Beam Surface Alloying with B4C and Al. Lubricants, 2022, 10, 90.	2.9	4
2	Influence of boriding and aluminizing processes on the structure and properties of low-carbon steels. Metal Working and Material Science, 2022, 24, 91-101.	0.3	0
3	The structure, phase composition, and residual stresses of diffusion boride layers formed by thermal-chemical treatment on the die steel surface. Metal Working and Material Science, 2021, 23, 147-162.	0.3	0
4	Thermodynamic aspects of electron-beam surface modification of low-carbon steel. IOP Conference Series: Materials Science and Engineering, 2021, 1198, 012009.	0.6	0
5	Modification of the surface of steel 3Kh2V8F by application B-Al-coatings by methods of thermal-chemical treatment and electron-beam processing. IOP Conference Series: Materials Science and Engineering, 2020, 759, 012017.	0.6	1
6	The study of surface roughness after thermal-chemical treatment and subsequent grinding. Journal of Physics: Conference Series, 2020, 1582, 012087.	0.4	0
7	Microstructure and Wear Behavior of Tungsten Hot-Work Steel after Boriding and Boroaluminizing. Lubricants, 2020, 8, 26.	2.9	7
8	Effect of Mechanical Activation of the Powder Mixture on the Structure and Properties of Boro-Aluminized Low-Carbon Steels. Metal Working and Material Science, 2020, 22, 151-162.	0.3	0
9	The neural networks application in predicting the geometrical parameters of coatings formed on a steel substrate by laser alloying. IOP Conference Series: Materials Science and Engineering, 2019, 684, 012003.	0.6	1
10	The impact of basic boroaluminizing factors on diffusion layer thickness in low-carbon steels and its mathematical modeling. IOP Conference Series: Materials Science and Engineering, 2018, 411, 012049.	0.6	0
11	The Influence of Boroaluminizing Temperature on Microstructure and Wear Resistance in Low-Carbon Steels. Materials Performance and Characterization, 2018, 7, 20170074.	0.3	4
12	Formation of Coatings Based on Boron and Aluminum on the Surface of Carbon Steels by Electron Beam Alloying. Metal Working and Material Science, 2018, 20, 87-99.	0.3	4
13	Thermocyclic Boroaluminizing of Low Carbon Steels in Pastes. Materials Performance and Characterization, 2017, 6, 531-545.	0.3	3
14	Improvement of the heat resistance of carbon steels by thermocycling thermochemical treatment with self-protective pastes based on boron carbide and aluminum. IOP Conference Series: Materials Science and Engineering, 2016, 116, 012036.	0.6	4
15	Boroaluminized Carbon Steel. , 2016, , 346-357.		2
16	Influence of thermocycle boroaluminising on strength of steel C30. Surface Engineering, 2014, 30, 129-133.	2.2	14
17	A study of thermocycling boroaluminizing of carbon steels. Metal Science and Heat Treatment, 2012, 53, 592-597.	0.6	14
18	The Study of Boroaluminizing in Pastes under Thermocycling and Laser Heating. Advanced Materials Research, 0, 1040, 907-911.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Surface Processing Technology in Improving Operational Properties of Hot-Work Tool Steel. , 0, , .		1
20	Fe-Me-B Diffusion Layers for Surface Modification of Carbon Steels. Defect and Diffusion Forum, 0, 403, 47-56.	0.4	0