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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Predictive models for molten slags viscosity and electrical conductivity based on directed chemical bonds concept. Ironmaking and Steelmaking, 2022, 49, 572-580.	2.1	1
2	A NEW APPROACH TO SOLVING THE PROBLEM OF DIRECTIONAL FORMATION OF FINAL MELTS DURING STEEL DEBUGGING AT A LADLE-FURNACE UNIT. FundamentalĒ1nye I Prikladnye Problemy Āernoj Metallurgii, 2021, , 296-309.	0.1	0
3	SELECTION OF RATIONAL COMPOSITIONS OF SLAGS AND MIXTURES IN THE PRODUCTION OF IRON AND STEEL. FundamentalĒ1nye I Prikladnye Problemy Āernoj Metallurgii, 2021, , 200-211.	0.1	0
4	SCHEMATIC DIAGRAM OF THE MODEL OF END-TO-END TECHNOLOGY FOR THE PRODUCTION OF COMPETITIVE METAL PRODUCTS BY UKRAINIAN ENTERPRISES OPERATING IN UNSTABLE RAW MATERIALS AND ENERGY CONDITIONS. FundamentalĒ1nye I Prikladnye Problemy Āernoj Metallurgii, 2021, , 95-107.	0.1	0
5	DEVELOPMENT OF ALGORITHM FOR DESCRIPTION OF INTERATOMIC INTERACTION IN IRON-BASED MELTINGS WITH IMPLEMENTATION ATOMS. FundamentalĒ1nye I Prikladnye Problemy Āernoj Metallurgii, 2021, , 246-262.	0.1	0
6	Modern technological route of converter production of qualitative iron-carbon semi-product in raw material and energy conditions of Ukraine. Metal and Casting of Ukraine, 2020, 28, 30-37.	0.3	2
7	Development of the model complex of the expert system of control and management of the slag mode in modern mixed blast furnace conditions. FundamentalĒ1nye I Prikladnye Problemy Āernoj Metallurgii, 2020, , 30-46.	0.1	0
8	Physicochemical prerequisites for the development of complex relationships between the properties of metallurgical melts in order to predict the regularities of the distribution of elements during the finishing of steel on a ladle furnace. FundamentalĒ1nye I Prikladnye Problemy Āernoj Metallurgii, 2020, , 150-158.	0.1	0
9	Information and mathematical support of cast iron desulfurization technology. FundamentalĒ1nye I Prikladnye Problemy Āernoj Metallurgii, 2020, , 62-72.	0.1	0
10	Development of a knowledge base for modeling the physicochemical properties of metallurgical systems and processes. FundamentalĒ1nye I Prikladnye Problemy Āernoj Metallurgii, 2019, , 193-204.	0.1	0
11	Ā«Out-of-furnace cast iron processingĀ» subsystem in the solution of tasks for the choice of rational technology for producing quality metal products under the applicable conditions of raw material and technological.. FundamentalĒ1nye I Prikladnye Problemy Āernoj Metallurgii, 2019, , 106-115.	0.1	0
12	Prediction of the properties of blast furnace slag in modern conditions of blast furnaces of Ukraine. FundamentalĒ1nye I Prikladnye Problemy Āernoj Metallurgii, 2018, , 118-136.	0.1	2
13	The concept of creating an expert system for selecting the optimal composition of a multicomponent mixture. FundamentalĒ1nye I Prikladnye Problemy Āernoj Metallurgii, 2018, , 42-46.	0.1	0
14	The role of taking into account the interatomic interaction in predicting the complex of structurally-sensitive properties of steels and alloys for special purpose. FundamentalĒ1nye I Prikladnye Problemy Āernoj Metallurgii, 2018, , 361-370.	0.1	1