

Dorota Kalisz

List of Publications by Year in descending order

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papers

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docs citations

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times ranked

59
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical and Numerical Modeling of the Slag Splashing Process. <i>Materials</i> , 2021, 14, 2289.	2.9	5
2	Evolution of Chemical Composition and Modeling of Growth Nonmetallic Inclusions in Steel Containing Yttrium. <i>Materials</i> , 2021, 14, 7113.	2.9	3
3	Modeling the Filler Phase Interaction with Solidification Front in Al(TiC) Composite Produced by the In Situ Method. <i>Materials</i> , 2021, 14, 7560.	2.9	0
4	Influence of Selected Deoxidizers on Chemical Composition of Molten Inclusions in Liquid Steel. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 1479-1487.	2.5	8
5	Thermodynamic and kinetic simulation of Y ₂ O ₃ and Y ₂ S ₃ nonmetallic phase formation in liquid steel. <i>Journal of Mining and Metallurgy, Section B: Metallurgy</i> , 2020, 56, 11-25.	0.8	6
6	PSG method for the simulation of carbon particles accumulation in the flotation process. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 641, 012027.	0.6	0
7	Evaluation of the impact of the CO/C reducer on the CO ₂ formation in the process of pyrometallurgical recovery of Fe from converter slag. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 641, 012002.	0.6	0
8	Investigation of the Physicochemical Properties of Slag Splashed on the Lining of an Oxygen Converter1. <i>Refractories and Industrial Ceramics</i> , 2018, 58, 463-468.	0.6	5
9	Study of the Phase and Mineralogical Properties of Converter Slag During Splashing to Improve Lining Resistance. <i>Refractories and Industrial Ceramics</i> , 2018, 59, 403-409.	0.6	3
10	POWER INCREASE OF SUPERSONIC JETS IN OXYGEN CONVERTER. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 461, 012078.	0.6	2
11	The behaviour of Al ₂ O ₃ precipitation at the steel-slag interface. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 461, 012047.	0.6	0
12	The effect of yttrium addition on the chemical composition of the non-metallic phase in liquid steel. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 461, 012093.	0.6	1
13	Interaction mechanism of non-metallic particles with crystallization front. <i>Archives of Metallurgy and Materials</i> , 2017, 62, 205-210.	0.6	1
14	Numerical Model of Sic Particle Interaction with Solidification Front in Az91/(SiCp) Composite. <i>Archives of Metallurgy and Materials</i> , 2017, 62, 1625-1628.	0.6	0
15	Computer Simulation of Microsegregation of Sulphur and Manganese and Formation of MnS Inclusions while Casting Rail Steel. <i>Archives of Metallurgy and Materials</i> , 2016, 61, 1939-1944.	0.6	6
16	Computer Simulation of the Formation of Non-Metallic Precipitates During a Continuous Casting of Steel. <i>Archives of Metallurgy and Materials</i> , 2016, 61, 335-340.	0.6	0
17	Influence the FeO Content on Slag Viscosity at his Spraying. Increase the Life of the Refractory Lining. <i>Glass and Ceramics (English Translation of Steklo I Keramika)</i> , 2016, 73, 144-148.	0.6	10
18	Analysis of Agglomeration of Al ₂ O ₃ Particles in Liquid Steel. <i>Archives of Metallurgy and Materials</i> , 2016, 61, 2091-2096.	0.6	3

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19	PSG Method for Simulating Agglomeration of Al ₂ O ₃ Inclusions in Liquid Steel. Acta Physica Polonica A, 2016, 130, 157-159.	0.5	8
20	Identification of Yield Point of Polymer-Based Composite Material in the Conditions of Increased Temperatures. Archives of Metallurgy and Materials, 2016, 61, 1561-1566.	0.6	1
21	Modeling Physicochemical Properties of Mold Slag. Archives of Metallurgy and Materials, 2014, 59, 149-155.	0.6	8
22	Interaction of Non-Metallic Inclusion Particles with Advancing Solidification Front. Archives of Metallurgy and Materials, 2014, 59, 493-500.	0.6	4
23	Modeling of TiN and Ti ₂ O ₃ Precipitates Formation During Solidification of Steel/ Modelowanie Powstawania Wydzielań, TiN i Ti ₂ O ₃ W Procesie Krzepnięcia Stali. Archives of Metallurgy and Materials, 2014, 59, 1386-1392.	0.6	1
24	Influence of Casting Mold Slag on the Progress of Casting Process / Wpływ Właściwości Zuzła Krystalizatorowego Na Przebieg Procesu Odlewania. Archives of Metallurgy and Materials, 2013, 58, 35-41.	0.6	4
25	Modeling of the Formation of AlN Precipitates During Solidification of Steel. Archives of Foundry Engineering, 2013, 13, 63-68.	0.4	7
26	Thermodynamic Characteristics of Y ₂ O ₃ and Y ₂ S ₃ ; Nonmetallic Phase Formed in Liquid Steel. Key Engineering Materials, 0, 844, 9-23.	0.4	2