

# Adam Cwudziński

## List of Publications by Year in descending order

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docs citations

27  
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical and Physical Modeling of Liquid Steel Active Flow in Tundish with Subflux Turbulence Controller and Dam. Steel Research International, 2014, 85, 902-917.	1.8	28
2	Numerical, Physical, and Industrial Experiments of Liquid Steel Mixture in One Strand Slab Tundish with Flow Control Devices. Steel Research International, 2014, 85, 623-631.	1.8	20
3	Physical and mathematical simulation of liquid steel mixing zone in one strand continuous casting tundish. International Journal of Cast Metals Research, 2017, 30, 50-60.	1.0	20
4	Numerical, Physical, and Industrial Studies of Liquid Steel Chemical Homogenization in One Strand Tundish with Subflux Turbulence Controller. Steel Research International, 2015, 86, 972-983.	1.8	18
5	Numerical and Physical Modeling of Liquid Steel Flow Structure for One Strand Tundish with Modern System of Argon Injection. Steel Research International, 2017, 88, 1600484.	1.8	12
6	Physical and mathematical modeling of bubbles plume behaviour in one strand tundish. Metallurgical Research and Technology, 2018, 115, 101.	0.7	11
7	Pulse-step method for liquid steel alloying in one strand slab tundish. Ironmaking and Steelmaking, 2015, 42, 373-381.	2.1	10
8	Numerical simulations and industrial experiments of liquid steel alloying process in one strand slab tundish. Ironmaking and Steelmaking, 2015, 42, 132-138.	2.1	10
9	Physical modelling of fluidsâ€™ interaction during liquid steel alloying by pulse-step method in the continuous casting slab tundish. Ironmaking and Steelmaking, 2020, 47, 1188-1198.	2.1	7
10	NUMERICAL SIMULATION HEAT TRANSFER IN THE SLAB TUNDISH. Metallurgy and Foundry Engineering, 2007, 33, 97.	0.1	6
11	Numerical Simulation of Steel Flow Through a One Strand Slab Tundish with Steel Flow Control Devices. Canadian Metallurgical Quarterly, 2010, 49, 63-72.	1.2	5
12	Hydrodynamic effects created by argon stirring liquid steel in a one-strand tundish. Ironmaking and Steelmaking, 2018, 45, 528-536.	2.1	5
13	Physical Simulations of Macromixing Conditions in Oneâ€™strand Tundish during Unsteady Period of Continuous Slab Casting Sequence. Steel Research International, 2020, 91, 2000027.	1.8	5
14	Numerical simulation of the liquid steel alloying process in a one-strand tundish with different addition positions and flow control devices. Metallurgical Research and Technology, 2015, 112, 308.	0.7	4
15	Mathematical Modeling of Behaviour a Liquid Steel Flow and a Non-Metallic Inclusions in the One Strand Wedge Type Tundish with a Subflux Turbulence Controller and a Low Dam. Materials Science Forum, 0, 706-709, 1379-1384.	0.3	3
16	INFLUENCE OF IMMERSION DEPTH OF LADLE SHROUD IN LIQUID STEEL ON RANGE OF THE TRANSITION ZONE FOR ONE-STRAND TUNDISH DURING CONTINUOUS CASTING OF STEEL. Metallurgy and Foundry Engineering, 2017, 43, 81.	0.1	3
17	Optimization of Pulse-Step Method for Liquid Steel Alloying in One Strand Slab Tundish. Materials Science Forum, 2018, 941, 58-63.	0.3	2
18	Influence of Subflux Turbulence Controller and Ladle Shroud Asymmetric Using on Hydrodynamic Conditions in One Strand Slab Tundish. Metals, 2019, 9, 68.	2.3	2

#	ARTICLE	IF	CITATIONS
19	New Insight on Liquid Steel Microalloying by Pulse-Step Method in Two-Strand Slab Tundish by Numerical Simulations. Crystals, 2021, 11, 448.	2.2	2
20	Numerical Simulation of Steel Flow and Behaviour of Non-Metallic Inclusions in the Six-Strand Tundish with Stopper Rod System. Materials Science Forum, 2010, 638-642, 3176-3181.	0.3	1
21	Particle Image Velocimetry Method for Prediction Hydrodynamic Conditions during Leaching Process on the Basis of Sn–NaOH System. Materials, 2021, 14, 633.	2.9	1
22	Intensification of liquid steel active flow volume in one-strand tundish using a modified ladle shroud. Metallurgical and Materials Engineering, 2020, 26, 1-14.	0.5	1
23	INFLUENCE OF LADLE SHROUD AND CHANGE IN ITS POSITION ON LIQUID STEEL FLOW HYDRODYNAMIC STRUCTURE IN SIX-STRAND TUNDISH. Metallurgy and Foundry Engineering, 2018, 44, 7.	0.1	0
24	Numerical modelling of liquid steel alloying by pulse-step method in six strand billet tundish. , 2019, , .		0
25	liquid steel hydrodynamic structures in the three strand tundish with a modified ladle shroud based on the residence time distribution curves. , 2019, , .		0
26	Numerical Analysis of the Influence of the Modification of the Ladle Shroud on Fluid Flow Behavior in a One-strand Tundish during Continuous Steel Casting. Journal of Casting & Materials Engineering, 2021, 5, 75-83.	0.1	0
27	Numerical and Physical Study on New Simple Design of Subflux Flow Controller for One-Strand Tundish. Materials, 2022, 15, 3756.	2.9	0