

Richard Pastirk

List of Publications by Year in descending order

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18
papers

109
citations

1478505

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1474206

9
g-index

23
all docs

23
docs citations

23
times ranked

49
citing authors

#	ARTICLE	IF	CITATIONS
1	Quality of automotive sand casting with different wall thickness from progressive secondary alloy. Production Engineering Archives, 2022, 28, 172-177.	2.4	2
2	Gating System Design Optimization for Investment Casting Process. Journal of Materials Engineering and Performance, 2019, 28, 3887-3893.	2.5	8
3	Simulation of solidification during crystallization under pressure. MATEC Web of Conferences, 2018, 157, 02035.	0.2	0
4	Effect of the pressed ceramic filters on the reoxidation process. MATEC Web of Conferences, 2018, 157, 02004.	0.2	0
5	Heat flow and heat transfer coefficient during crystallization under the pressure. MATEC Web of Conferences, 2018, 157, 02036.	0.2	0
6	Numerical Simulation of Porosity for Al Based Alloys. Procedia Engineering, 2017, 177, 488-495.	1.2	13
7	Effect of Technological Parameters on the AlSi12 Alloy Microstructure During Crystallization Under Pressure. Archives of Foundry Engineering, 2017, 17, 75-78.	0.4	14
8	The Effects of Pressure During the Crystallization on Properties of the AlSi12 Alloy. Archives of Foundry Engineering, 2017, 17, 103-106.	0.4	5
9	Effect of Pressure on the Crystallisation of AlSi7Mg Alloy. Archives of Metallurgy and Materials, 2017, 62, 2193-2198.	0.6	2
10	Reoxidation Processes Prediction in Gating System by Numerical Simulation for Aluminium Alloys. Archives of Foundry Engineering, 2017, 17, 23-26.	0.4	5
11	New Application in Technological Preparations for Investment Casting Production in Aircraft Industry. Manufacturing Technology, 2017, 17, 842-847.	1.4	3
12	Effect of technological parameters on microstructure in alloy AlCu4Ti using squeeze casting technology. AIP Conference Proceedings, 2016, , .	0.4	8
13	The Production of Plaster Molds with Patternless Process Technology. Archives of Foundry Engineering, 2015, 15, 91-94.	0.4	6
14	Effect of Low Pressure Application during Solidification on Microstructure of AlSi Alloys. Manufacturing Technology, 2014, 14, 397-402.	1.4	17
15	Using of the Reverse Engineering Method for the Production of Prototype Molds by Patternless Process Technology. Archives of Foundry Engineering, 2014, 14, 115-118.	0.4	6
16	Effect of Technological Parameters on the Quality and Dimensional Accuracy of Castings Manufactured by Patternless Process Technology. Archives of Metallurgy and Materials, 2014, 59, 1069-1072.	0.6	5
17	Production of Castings by Patternless Process. Archives of Foundry Engineering, 2012, 12, 87-92.	0.4	5
18	The Roundness and Microstructure of Thin-wall Bearing Rings. Manufacturing Technology, 2012, 12, 237-241.	1.4	5