

Peter Futas

List of Publications by Year in descending order

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26
papers

96
citations

1478505

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1474206

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g-index

26
all docs

26
docs citations

26
times ranked

82
citing authors

#	ARTICLE	IF	CITATIONS
1	Failure analysis of a clutch wheel for wind turbines with the use of casting process simulation. Engineering Failure Analysis, 2022, 135, 106159.	4.0	6
2	The indentation size effect of sintered Fe/3.3wt-%Cu+â€‰%C_nH_m measured by Vickers scale. Materials Science and Technology, 2020, 36, 403-408.	1.6	2
3	Abrasion Wear Resistance of Ni - Mo Alloyed High-Chromium Cast Iron. Materials Science Forum, 2020, 998, 30-35.	0.3	1
4	Possibilities Reducing of Energy Consumption by Cast Iron Production in Foundry. Materials Science Forum, 2020, 998, 36-41.	0.3	3
5	Influence of Charge Composition on EN-GJS-500-7 Ductile Iron Properties in Foundry Operating Conditions. Materials Science Forum, 2020, 998, 42-47.	0.3	1
6	The load dependence of the micro-hardness of the blast furnace slag. Metallurgical and Materials Engineering, 2020, 26, 329-340.	0.5	2
7	Cupola Furnace Slag: Its Origin, Properties and Utilization. International Journal of Metalcasting, 2019, 13, 627-640.	1.9	12
8	Failure analysis of a railway brake disc with the use of casting process simulation. Engineering Failure Analysis, 2019, 95, 226-238.	4.0	17
9	INDENTATION SIZE EFFECT OF HEAT TREATED ALUMINUM ALLOY. Acta Metallurgica Slovaca, 2019, 25, 166-173.	0.7	2
10	THE COMPOSITION OF SECONDARY TIN AND ITS HARDNESS. , 2019, , .		0
11	IMPROVING THE PROPERTIES OF CAST IRON MADE FROM STEEL SCRAP BY TI ALLOYING. , 2019, , .		0
12	Study of the Influence of Intermix Conditions on Steel Cleanliness. Metals, 2018, 8, 852.	2.3	10
13	Computer simulation of railway wagon brake disc casting. MATEC Web of Conferences, 2018, 235, 00026.	0.2	0
14	Change of the Chemical and Mineralogical Composition of the Slag during Oxygen Blowing in the Oxygen Converter Process. Metals, 2018, 8, 844.	2.3	12
15	THE STUDY OF SYNTHETIC CAST IRON QUALITY MADE FROM STEEL SCRAP. , 2018, , .		5
16	FLUIDITY OF AL 1/2 SI 1/2 CU ALLOY: TESTS AND COMPUTER SIMULATION. , 2018, , .		0
17	Influence of Steel Scrap in the Charge on the Properties of Gray Cast Iron. ISIJ International, 2017, 57, 374-379.	1.4	15
18	Influence the Composition of the Core Mixture to the Occurrence of Veining on Castings of Cores Produced by Cold-Box-Amine Technology. Manufacturing Technology, 2017, 17, 39-44.	1.4	2

#	ARTICLE	IF	CITATIONS
19	SIMULATION OF FILLING AND SOLIDIFICATION OF SPECIFIC CASTING MADE FROM GRAY CAST IRON. , 2017, , .		0
20	DIMENSIONING GATING SYSTEM FOR THE CASTING PRODUCED BY INVESTMENT CASTING AND ITS VERIFICATION VIA COMPUTER SIMULATION. , 2017, , .		0
21	Cleanness and Mechanical Properties of Steel after Remelting under Different Slags by ESR. Key Engineering Materials, 2014, 635, 112-117.	0.4	1
22	Fluidity Test of Al-Si Alloy Using by Computer Simulation. Key Engineering Materials, 2014, 635, 45-50.	0.4	0
23	Influence of Metallurgical Treatment on Properties of Ductile Cast Iron GJS 400-18 LT. Key Engineering Materials, 2014, 635, 177-181.	0.4	0
24	COMPUTER SIMULATION OF CASTING PRODUCED BY INVESTMENT CASTING TECHNOLOGY. , 2013, , .		3
25	The GIST of Thermal Stresses of Cast Iron Castings. Manufacturing Technology, 2013, 13, 173-178.	1.4	2
26	Influence of Addition of Briquettes with Dust Content into the Charge of Electric Induction Furnace on Cast Iron Quality. Archives of Foundry Engineering, 2012, 12, 95-98.	0.4	0