Srecko Manasijevic

List of Publications by Year
in descending order

20	192	1307594	1125743
papers	citations	7	13
		h-index	g-index

20	20	20	204
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermal analysis and microscopic characterization of the piston alloy AlSi13Cu4Ni2Mg. Intermetallics, 2011, 19, 486-492.	3.9	66
2	Optimization of the Gating System for Sand Casting Using Genetic Algorithm. International Journal of Metalcasting, 2017, 11, 255-265.	1.9	21
3	Al-Fin Bond in Aluminum Piston Alloy & Austenitic Cast Iron Insert. International Journal of Metalcasting, 2015, 9, 27-32.	1.9	18
4	Calculation of Liquidus Temperature for Aluminum and Magnesium Alloys Applying Method of Equivalency. Advances in Materials Science and Engineering, 2013, 2013, 1-8.	1.8	16
5	Application of Machine Learning in the Control of Metal Melting Production Process. Applied Sciences (Switzerland), 2020, 10, 6048.	2.5	14
6	CASTING IMPROVEMENT BASED ON METAHEURISTIC OPTIMIZATION AND NUMERICAL SIMULATION. Facta Universitatis, Series: Mechanical Engineering, 2017, 15, 397.	4.6	14
7	Optimisation of cast pistons made of Al–Si piston alloy. International Journal of Cast Metals Research, 2013, 26, 255-261.	1.0	9
8	Determination some thermo-physical and metallurgical properties of aluminum alloys using their known chemical composition. International Journal of Heat and Mass Transfer, 2019, 139, 548-553.	4.8	7
9	Influence of different contents of Si and Cu on the solidification pathways of cast hypoeutectic Al-(5–9)Si-(1–4)Cu (wt.%) alloys. International Journal of Materials Research, 2013, 104, 865-873.	0.3	5
10	Heavy metal ions in the wastewater of the Majdanpek Copper Mine. Materials Protection, 2015, 56, 52-58.	0.9	5
11	Intelligent system for automatic control of the process of filling the mold. International Journal of Advanced Manufacturing Technology, 2017, 90, 2223-2231.	3.0	4
12	Impact of major alloying elements on the solodification parameters of cast hypoeutectic AlSi6Cu (1–4) Tj ETQq0 0 0 rgBT /Overlock 1(	0.5	4
13	An Analysis of Intermetallic Bonding between a Ring Carrier and an Aluminum Piston Alloy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 4580-4587.	2.2	2
14	The intermetallic bonding between a ring carrier and aluminum piston alloy. Revista De Metalurgia, 2015, 51, e048.	0.5	2
15	Casting Process Improvement by the Application of Artificial Intelligence. Applied Sciences (Switzerland), 2022, 12, 3264.	2.5	2
16	Rationalization of a Core Warehouse in the Casting Plant: A Case Study. Transactions of Famena, 2020, 43, 109-121.	0.6	1
17	Quantification of Feeding Regions of Hypoeutectic Al-(5, 7, 9)Si-(0-4)Cu (wt.%) Alloys Using Cooling Curve Analysis. , 2020, , .		1
18	Programming methodology for multi-axis CNC woodworking machining center for advanced manufacturing based on STEP-NC. Wood Material Science and Engineering, 2023, 18, 630-639.	2.3	1

#	ARTICLE	IF	CITATIONS
19	Conventional methods of piston surface treatment for IC engines. Materials Protection, 2014, 55, 95-98.	0.9	0
20	pH value and concentrations of total dry residue and suspended matter in the wastewater of the Majdanpek Copper mine. Materials Protection, 2014, 55, 327-334.	0.9	0