

# Srecko Manasijevic

## List of Publications by Year in descending order

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20  
papers

192  
citations

1307594

7  
h-index

1125743

13  
g-index

20  
all docs

20  
docs citations

20  
times ranked

204  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Casting Process Improvement by the Application of Artificial Intelligence. Applied Sciences (Switzerland), 2022, 12, 3264.	2.5	2
3	Rationalization of a Core Warehouse in the Casting Plant: A Case Study. Transactions of Famena, 2020, 43, 109-121.	0.6	1
4	Application of Machine Learning in the Control of Metal Melting Production Process. Applied Sciences (Switzerland), 2020, 10, 6048.	2.5	14
5	Quantification of Feeding Regions of Hypoeutectic Al-(5, 7, 9)Si-(0-4)Cu (wt.%) Alloys Using Cooling Curve Analysis. , 2020, , .		1
6	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
7	Optimization of the Gating System for Sand Casting Using Genetic Algorithm. International Journal of Metalcasting, 2017, 11, 255-265.	1.9	21
8	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
9	CASTING IMPROVEMENT BASED ON METAHEURISTIC OPTIMIZATION AND NUMERICAL SIMULATION. Facta Universitatis, Series: Mechanical Engineering, 2017, 15, 397.	4.6	14
10	Al-Fin Bond in Aluminum Piston Alloy & Austenitic Cast Iron Insert. International Journal of Metalcasting, 2015, 9, 27-32.	1.9	18
11	Heavy metal ions in the wastewater of the Majdanpek Copper Mine. Materials Protection, 2015, 56, 52-58.	0.9	5
12	The intermetallic bonding between a ring carrier and aluminum piston alloy. Revista De Metalurgia, 2015, 51, e048.	0.5	2
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	Impact of major alloying elements on the solidification parameters of cast hypoeutectic AlSi6Cu (1â€“4) Tj ETQq0 0,0 rgBT /Qverlock 1	0.5	4
15	Conventional methods of piston surface treatment for IC engines. Materials Protection, 2014, 55, 95-98.	0.9	0
16	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
17	Influence of different contents of Si and Cu on the solidification pathways of cast hypoeutectic Al-(5â€“9)Si-(1â€“4)Cu (wt.%) alloys. International Journal of Materials Research, 2013, 104, 865-873.	0.3	5
18	Optimisation of cast pistons made of Alâ€“Si piston alloy. International Journal of Cast Metals Research, 2013, 26, 255-261.	1.0	9

#	ARTICLE	IF	CITATIONS
19	Calculation of Liquidus Temperature for Aluminum and Magnesium Alloys Applying Method of Equivalency. <i>Advances in Materials Science and Engineering</i> , 2013, 2013, 1-8.	1.8	16
20	Thermal analysis and microscopic characterization of the piston alloy AlSi13Cu4Ni2Mg. <i>Intermetallics</i> , 2011, 19, 486-492.	3.9	66