

# Marek Solc

## List of Publications by Year in descending order

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18  
papers

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citations

1478505

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1281871

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docs citations

18  
times ranked

85  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Fault Conditions in the Production of Prestressed Concrete Sleepers. Applied Sciences (Switzerland), 2022, 12, 928.	2.5	5
2	The Indentation Size Effect (ISE) of Metals. Crystals, 2022, 12, 795.	2.2	8
3	The Relationship between Process Capability and Quality of Measurement System. Applied Sciences (Switzerland), 2022, 12, 5825.	2.5	1
4	The Development Trend of the Occupational Health and Safety in the Context of ISO 45001:2018. Standards, 2022, 2, 294-305.	1.4	4
5	Application of FTA Analysis for Calculation of the Probability of the Failure of the Pressure Leaching Process. Applied Sciences (Switzerland), 2021, 11, 6731.	2.5	14
6	Implementation of Digital Twin for Engine Block Manufacturing Processes. Applied Sciences (Switzerland), 2020, 10, 6578.	2.5	17
7	The load dependence of the micro-hardness of the blast furnace slag. Metallurgical and Materials Engineering, 2020, 26, 329-340.	0.5	2
8	Impact Of Corrosion Effect On The Quality And Safety Of Refractory Materials. System Safety Human - Technical Facility - Environment, 2019, 1, 760-767.	0.1	2
9	Application of Six Sigma Using DMAIC Methodology in the Process of Product Quality Control in Metallurgical Operation. Acta Technologica Agriculturae, 2017, 20, 104-109.	0.9	26
10	IMPACT OF INTERSTITIAL ALUMINIUM CONTENT ON OCCURRENCE OF NON-METALLIC INCLUSIONS IN STEEL. Acta Metallurgica Slovaca, 2016, 22, 88.	0.7	0
11	CAUSAL DEPENDENCE OF EVENTS UNDER MANAGEMENT SYSTEM CONDITIONS. MM Science Journal, 2016, 2016, 1040-1042.	0.4	6
12	The Importance of Dangerous Goods Transport by Rail. Nase More, 2015, 62, 181-186.	0.5	14
13	Quality in Contemporary University Environment. Procedia, Social and Behavioral Sciences, 2014, 143, 703-707.	0.5	5
14	The Effect of Corrosive Medium $\text{CaCl}_2$ on the Quality of Shaped Refractory Materials. Advanced Materials Research, 2013, 849, 26-31.	0.3	0
15	The Quality Interaction of Molten Salts in the Systems $\text{SiO}_2\text{-Al}_2\text{O}_3$ . Advanced Materials Research, 2013, 849, 20-25.	0.3	2
16	Experiences with Utilizing e-learning in Education Process in University Environment. Procedia, Social and Behavioral Sciences, 2012, 46, 5201-5205.	0.5	13
17	Quality of Refractory Materials in the Technological Process. Advanced Materials Research, 0, 524-527, 2026-2030.	0.3	3
18	Simulated Comparison of Impact Pad and the Experimental Swirling Chamber in Tundish. Advanced Materials Research, 0, 660, 80-85.	0.3	0