

# Aleksandra KrÅ³licka

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7047300/publications.pdf>

Version: 2024-02-01

24  
papers

271  
citations

840776

11  
h-index

940533

16  
g-index

24  
all docs

24  
docs citations

24  
times ranked

157  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Utilization of Waste Marble Dust as a Cement Replacement in Air-Cured Mortar. <i>Sustainability</i> , 2019, 11, 2215.	3.2	36
2	Comparison of fatigue crack growth rate: Pearlitic rail versus bainitic rail. <i>International Journal of Fatigue</i> , 2021, 149, 106280.	5.7	25
3	Analysis of grain growth and morphology of bainite in medium-carbon spring steel. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 768, 138446.	5.6	24
4	Enhanced adhesive performance of epoxy resin coating by a novel bonding agent. <i>Construction and Building Materials</i> , 2021, 301, 124078.	7.2	23
5	The Effect of Curing Conditions on the Properties of Cement-Based Composites Blended with Waste Marble Dust. <i>Jom</i> , 2019, 71, 1002-1015.	1.9	17
6	Enhancing technological prospect of nanostructured bainitic steels by the control of thermal stability of austenite. <i>Materials and Design</i> , 2021, 211, 110143.	7.0	16
7	Wear of cultivator coulters reinforced with cemented-carbide plates and hardfacing. <i>Wear</i> , 2019, 438-439, 203063.	3.1	15
8	The Influence of Microstructure on Abrasive Wear Micro-Mechanisms of the Claddings Produced by Welding Used in Agricultural Soil. <i>Materials</i> , 2020, 13, 1920.	2.9	13
9	Welding Capabilities of Nanostructured Carbide-Free Bainite: Review of Welding Methods, Materials, Problems, and Perspectives. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3798.	2.5	12
10	Microstructure-based approach to the evaluation of welded joints of bainitic rails designed for high-speed railways. <i>Journal of Constructional Steel Research</i> , 2020, 175, 106372.	3.9	12
11	Metallurgical Characterization of Welded Joint of Nanostructured Bainite: Regeneration Technique versus Post Welding Heat Treatment. <i>Materials</i> , 2020, 13, 4841.	2.9	12
12	The Effect of the Addition of Polypropylene Fibers to Primer on the Pull-Off Strength of Epoxy Resin Coatings. <i>Materials</i> , 2020, 13, 4674.	2.9	11
13	The use of synthetic and natural fibers in epoxy coatings: A comparative mechanical and economic analysis. <i>International Journal of Adhesion and Adhesives</i> , 2022, 117, 103017.	2.9	9
14	Thermal wear of epoxy composite modified with rutile titanium dioxide. <i>Composite Structures</i> , 2022, 282, 115127.	5.8	9
15	Engineering of green cementitious composites modified with siliceous fly ash: Understanding the importance of curing conditions. <i>Construction and Building Materials</i> , 2021, 313, 125209.	7.2	8
16	The qualitative–quantitative approach to microstructural characterization of nanostructured bainitic steels using electron microscopy methods. <i>Materials Science-Poland</i> , 2021, 39, 188-199.	1.0	5
17	Evaluation of the Possibility to Obtain Nanostructured Bainite in High-Carbon and High-Silicon 9XC Bearing Steel. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 5329-5336.	2.5	4
18	Wear of the working parts of agricultural tools in the context of the mass of chemical elements introduced into soil during its cultivation. <i>International Soil and Water Conservation Research</i> , 2021, 9, 229-240.	6.5	4

#	ARTICLE	IF	CITATIONS
19	Adhesive properties of an epoxy resin bonding agent modified with waste granite powder. Journal of Coatings Technology Research, 2022, 19, 1303-1316.	2.5	4
20	The Evaluation of the Effectiveness of Reinforcement by Cemented-Carbide Plates in Two Design Variants of the Chisels Intended for Cultivationâ€“Sowing Aggregates. Materials, 2021, 14, 1020.	2.9	3
21	Wear of Ploughshare Material With Regards to the Temperature Distribution on the Rake Face When Used in Soil. Journal of Tribology, 2022, 144, .	1.9	3
22	Root causes analysis of differential pinion shaft assembly failure in WRX class car. International Journal of Structural Integrity, 2017, 8, 694-706.	3.3	2
23	Decomposition mechanisms of continuously cooled bainitic rail in the critical heat-affected zone of a flash-butt welded joints. Materials Science-Poland, 2021, 39, 615-625.	1.0	2
24	The Microstructure Prediction during the Welding Process of Feâ€“Câ€“Si Steel Using Physical and Numerical Simulation: A Comparative Study. Steel Research International, 2022, 93, .	1.8	2