

Stanisław Dymek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4755053/publications.pdf>

Version: 2024-02-01

14
papers

218
citations

1163117

8
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

194
citing authors

#	ARTICLE	IF	CITATIONS
1	A Coupled Thermal/Material Flow Model of Friction Stir Welding Applied to Sc-Modified Aluminum Alloys. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2013, 44, 1730-1740.	2.2	65
2	Natural aging in friction stir welded 7136-T76 aluminum alloy. Materials & Design, 2014, 60, 295-301.	5.1	40
3	A Numerical Simulation for Dissimilar Aluminum Alloys Joined by Friction Stir Welding. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2016, 47, 4519-4529.	2.2	23
4	A Simulation of Friction-Stir Processing for Temperature and Material Flow. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2015, 46, 1409-1418.	2.1	20
5	Modeling, microstructure, and mechanical properties of dissimilar 2017A and 5083 aluminum alloys friction stir welds. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2019, 233, 553-564.	2.4	15
6	Laser cladding of bioactive glass coating on pure titanium substrate with highly refined grain structure. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 119, 104519.	3.1	15
7	Numerically Based Phase Transformation Maps for Dissimilar Aluminum Alloys Joined by Friction Stir-Welding. Metals, 2018, 8, 324.	2.3	11
8	Characterization of Friction Modified Processing – A Novel Tool for Enhancing Surface Properties in Cast Aluminium Alloys. Key Engineering Materials, 2012, 504-506, 1231-1236.	0.4	9
9	Impact of the Direct Ageing Procedure on the Age Hardening Response of Al-Mg-Si 6101 Alloy. Materials, 2018, 11, 1239.	2.9	8
10	Improvement of Corrosion Resistance of 13CrMo4-5 Steel by Ni-Based Laser Cladding Coatings. Journal of Materials Engineering and Performance, 2020, 29, 3702-3713.	2.5	5
11	Electron microscopy investigation of a cast AlSi9Mg aluminum alloy subjected to friction stir processing with overlapping passes. International Journal of Materials Research, 2015, 106, 813-817.	0.3	3
12	Ni-Cr Powders Modified with Rhenium as a Novel Coating Material – Physical Properties, Microstructure, and Behavior in Plasma Plume. Materials, 2022, 15, 3844.	2.9	2
13	Temperature-controlled friction stir welds of age-hardenable aluminum alloys characterized by positron annihilation lifetime spectroscopy. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2023, 237, 1036-1047.	2.4	2
14	Laser remelting of Ni-Cr-Re plasma spraying coating. , 2020, , .		0