

# Janusz Torzewski

## List of Publications by Year in descending order

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38  
papers

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citations

840585

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940416

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44  
docs citations

44  
times ranked

259  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructure and Low Cycle Fatigue Properties of AA5083 H111 Friction Stir Welded Joint. <i>Materials</i> , 2020, 13, 2381.	1.3	27
2	The Examination of Restrained Joints Created in the Process of Multi-Material FFF Additive Manufacturing Technology. <i>Materials</i> , 2020, 13, 903.	1.3	26
3	The Influence of Post-Weld Heat Treatment on the Microstructure and Fatigue Properties of Sc-Modified AA2519 Friction Stir-Welded Joint. <i>Materials</i> , 2019, 12, 583.	1.3	22
4	Influence of Selective Laser Melting Technological Parameters on the Mechanical Properties of Additively Manufactured Elements Using 316L Austenitic Steel. <i>Materials</i> , 2020, 13, 1449.	1.3	20
5	Low Cycle Fatigue Properties of Sc-Modified AA2519-T62 Extrusion. <i>Materials</i> , 2020, 13, 220.	1.3	19
6	Crack Growth Behavior of Additively Manufactured 316L Steel – Influence of Build Orientation and Heat Treatment. <i>Materials</i> , 2020, 13, 3259.	1.3	17
7	Cyclic deformation of aluminium alloys after the preliminary combined loading. <i>Engineering Failure Analysis</i> , 2016, 69, 66-76.	1.8	16
8	Research on the Friction Stir Welding of Sc-Modified AA2519 Extrusion. <i>Metals</i> , 2019, 9, 1024.	1.0	16
9	Comparison of Different Heat Treatment Processes of Selective Laser Melted 316L Steel Based on Analysis of Mechanical Properties. <i>Materials</i> , 2020, 13, 3805.	1.3	15
10	The Influence of Heat Treatment on Low Cycle Fatigue Properties of Selectively Laser Melted 316L Steel. <i>Materials</i> , 2020, 13, 5737.	1.3	14
11	Additive Manufacturing of Plastics Used for Protection against COVID19 – The Influence of Chemical Disinfection by Alcohol on the Properties of ABS and PETG Polymers. <i>Materials</i> , 2021, 14, 4823.	1.3	13
12	Fatigue Crack Growth Rates of S235 and S355 Steels after Friction Stir Processing. <i>Materials Science Forum</i> , 0, 726, 203-210.	0.3	12
13	Residual stresses distribution, correlated with bending tests, within explosively welded Ti gr. 2/A1050 bimetal. <i>Materials Characterization</i> , 2018, 144, 461-468.	1.9	12
14	Modification of Structural Properties Using Process Parameters and Surface Treatment of Monolithic and Thin-Walled Parts Obtained by Selective Laser Melting. <i>Materials</i> , 2020, 13, 5662.	1.3	11
15	High cycle fatigue properties of explosively welded laminate AA2519/AA1050/Ti6Al4V. <i>Procedia Structural Integrity</i> , 2017, 5, 422-429.	0.3	10
16	Influence of Preliminary Combined Loading on Low Cyclic Fatigue Deformation of Aluminum Alloy D16ChATV. <i>Procedia Engineering</i> , 2015, 114, 18-25.	1.2	9
17	Research on the Properties and Low Cycle Fatigue of Sc-Modified AA2519-T62 FSW Joint. <i>Materials</i> , 2020, 13, 5226.	1.3	9
18	The influence of welding parameters on macrostructure and mechanical properties of Sc-modified AA2519-T62 FSW joints. <i>Manufacturing Review</i> , 2020, 7, 28.	0.9	8

#	ARTICLE	IF	CITATIONS
19	Al <sub>2</sub> O <sub>3</sub> /ZrO <sub>2</sub> Materials as an Environmentally Friendly Solution for Linear Infrastructure Applications. <i>Materials</i> , 2021, 14, 2375.	1.3	8
20	Cement-glass composite bricks (CGCB) with interior 3D printed PET-G scaffolding. <i>Journal of Building Engineering</i> , 2022, 52, 104429.	1.6	8
21	Mechanical Properties Analysis of the AA2519-AA1050-Ti6Al4V Explosive Welded Laminate. <i>Materials</i> , 2020, 13, 4348.	1.3	7
22	Microstructure and Mechanical Properties of Dissimilar Friction Stir Welded Joint AA7020/AA5083 with Different Joining Parameters. <i>Materials</i> , 2022, 15, 1910.	1.3	7
23	A Comparative Study on Laser Powder Bed Fusion of Differently Atomized 316L Stainless Steel. <i>Materials</i> , 2022, 15, 4938.	1.3	6
24	Selective Laser Melted M300 Maraging Steel Material Behaviour during Ballistic Testing. <i>Materials</i> , 2021, 14, 2681.	1.3	5
25	Fatigue Cracking of AA2519-Ti6Al4V Laminate Bonded by Explosion Welding. <i>Solid State Phenomena</i> , 2016, 250, 182-190.	0.3	4
26	The Potential of Al <sub>2</sub> O <sub>3</sub> -ZrO <sub>2</sub> -Based Composites, Formed via CSC Method, in Linear Infrastructure Applications Based on Their Mechanical, Thermal and Environmental performance. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2022, 53, 663-678.	1.1	4
27	The influence of tool traverse speed on the low cycle fatigue properties of AZ31 friction stir welded joints. <i>Procedia Structural Integrity</i> , 2022, 36, 153-158.	0.3	3
28	Deterministic and Probabilistic Analysis of Semi-elliptical Cracks in Austenitic Steel. , 2014, 3, 2160-2167.		2
29	Microstructure and fatigue properties of AA2519-O friction stir welded joint. <i>Materials Today: Proceedings</i> , 2020, 28, 1064-1067.	0.9	2
30	Variable Amplitude Load Interaction in Fatigue Crack Growth for 2024-T3 Aluminium Alloy. , 2006, , 177-178.		2
31	Research on the microstructure of a Ti6Al4V-AA1050 explosive-welded bimetallic joint. <i>Materiali in Tehnologije</i> , 2019, 53, 109-113.	0.3	2
32	Fatigue Behaviour of S235JR Steel after Surface Frictional-Mechanical Treatment in Corrosive Environment. <i>Key Engineering Materials</i> , 0, 598, 105-112.	0.4	1
33	Evaluation of Fatigue Failure of S960QL Steel in the Conditions of Plastic Strain. <i>Solid State Phenomena</i> , 0, 250, 175-181.	0.3	1
34	Deterministic Approach to Predicting the Fatigue Crack Growth in the 2024-T3 Aluminum Alloy Under Variable Amplitude Loading. <i>Fatigue of Aircraft Structures</i> , 2009, 2009, 102-115.	0.3	0
35	Capacity of Fractographic Analysis for Load-Time History Reconstruction and Fatigue Crack Growth Rate Estimation for the 2024-T3 Aluminium Alloy. <i>Fatigue of Aircraft Structures</i> , 2009, 2009, .	0.3	0
36	Fatigue Characteristic of S355J2 Steel after Surface Frictional-Mechanical Treatment in Corrosive Environment. <i>Solid State Phenomena</i> , 0, 224, 21-26.	0.3	0

#	ARTICLE	IF	CITATIONS
37	The protective capability of the laser welded armour steel plates. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2020, 234, 711-721.	0.7	0
38	Investigation on Microstructure and Mechanical Properties of AA 2017A FSW Joints. , 2019, , .		0