

# Przemysław Golewski

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Technological and Strength Aspects of Layers Made of Different Powders Laminated on a Polymer Matrix Composite Substrate. <i>Molecules</i> , 2022, 27, 1168.	3.8	4
2	The Use of Neural Networks in the Analysis of Dual Adhesive Single Lap Joints Subjected to Uniaxial Tensile Test. <i>Materials</i> , 2021, 14, 419.	2.9	15
3	The influence of aging in salt chamber on strength of aluminum – CFRP single lap joints. <i>Materials Today: Proceedings</i> , 2021, 45, 4264-4267.	1.8	6
4	The influence of dual adhesive in single lap joints on strength and energy absorption. <i>Materials Today: Proceedings</i> , 2021, 45, 4280-4285.	1.8	4
5	The SHPB tests for CFRP composites subjected to three levels of strain rates. <i>Materials Today: Proceedings</i> , 2021, 45, 4275-4279.	1.8	1
6	Experimental Study of Single-Lap, Hybrid Joints, Made of 3D Printed Polymer and Aluminium Adherends. <i>Materials</i> , 2021, 14, 7705.	2.9	3
7	Material Characterization of PMC/TBC Composite Under High Strain Rates and Elevated Temperatures. <i>Materials</i> , 2020, 13, 167.	2.9	9
8	The Influence of Single Lap Geometry in Adhesive and Hybrid Joints on Their Load Carrying Capacity. <i>Materials</i> , 2019, 12, 1884.	2.9	16
9	Description of thermal protection against heat transfer of carbon fiber reinforced plastics (CFRP) coated by stiffened ceramic mat (TBC). <i>Composite Structures</i> , 2019, 229, 111489.	5.8	18
10	Gradual degradation of a thin-walled aluminum adhesive joint with omega cross section under bending. <i>International Journal of Adhesion and Adhesives</i> , 2019, 89, 72-81.	2.9	4
11	The Influence of TBC Aging on Crack Propagation Due to Foreign Object Impact. <i>Materials</i> , 2019, 12, 1488.	2.9	12
12	A novel application of alumina fiber mats as TBC protection for CFRP/epoxy laminates – Laboratory tests and numerical modeling. <i>Journal of the European Ceramic Society</i> , 2018, 38, 2920-2927.	5.7	15
13	Optimization of a thin-walled element geometry using a system integrating neural networks and finite element method. <i>Archives of Metallurgy and Materials</i> , 2017, 62, 435-442.	0.6	6
14	Investigation of the effect of chamfer size on the behaviour of hybrid joints made by adhesive bonding and riveting. <i>International Journal of Adhesion and Adhesives</i> , 2017, 77, 174-182.	2.9	36
15	Geometry optimization of a thin-walled element for an air structure using hybrid system integrating artificial neural network and finite element method. <i>Composite Structures</i> , 2017, 159, 589-599.	5.8	29
16	Protective Thermal Barrier Coatings. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2016, , 5-11.	0.4	5
17	Loadings in Thermal Barrier Coatings of Jet Engine Turbine Blades. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2016, , .	0.4	13
18	Numerical and Experimental Analysis of Foreign Objects Impact into the Surface with TBC Coating. <i>Solid State Phenomena</i> , 2016, 254, 224-230.	0.3	4

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19	The Influence of Hybrid Material Parameters in Socked-pin Connection on the Value of Opening Force. Solid State Phenomena, 2016, 254, 1-7.	0.3	5
20	Cracks path growth in turbine blades with TBC under thermo- mechanical cyclic loadings. Frattura Ed Integrita Strutturale, 2016, 10, 492-499.	0.9	8
21	Thermal Loads. SpringerBriefs in Applied Sciences and Technology, 2016, , 13-24.	0.4	0
22	State of Arts in Experimental Testing of TBCs Systems Literature Analysis. SpringerBriefs in Applied Sciences and Technology, 2016, , 45-65.	0.4	0
23	Numerical Analysis of Cracks Propagation Process in Turbine Blades TBCs Systems Under Thermo-Mechanical Loading Based on Experimental Results. SpringerBriefs in Applied Sciences and Technology, 2016, , 91-103.	0.4	0
24	Mechanical Loads. SpringerBriefs in Applied Sciences and Technology, 2016, , 25-35.	0.4	0
25	Environmental Loads. SpringerBriefs in Applied Sciences and Technology, 2016, , 37-44.	0.4	0
26	Skew Bending of Aircraft Fuselage Panels with and Stringers Mounted by Hybrid Joint / Ukończone Zginanie Poszycia Samolotu Z U Sztynieniami Typu Mocowanymi Za Pomocą... Z...cza Hybrydowego. Archives of Metallurgy and Materials, 2015, 60, 2813-2820.	0.6	3
27	Description of Non-Stationary Heat Transfer in Two-Phase Polycrystalline Metal-Ceramic Composites. Acta Physica Polonica A, 2015, 128, 624-628.	0.5	2
28	The Influence of Geometrical Parameters in Socket - Pin Connections on the Value of Opening Force / Wpływ Parametrów Geometrycznych W Połączeniach Typu Gniazdo - Trzpień, Na Wartość Siły Otwierającej. Archives of Metallurgy and Materials, 2015, 60, 2743-2750.	0.6	2
29	Experimental and Numerical Investigations of TBC Behaviour after Aging, Subjected to Tension and Bending. Solid State Phenomena, 2014, 216, 128-133.	0.3	4
30	Fatigue Response of the Hybrid Joints Obtained by Hot Spot Welding and Bonding Techniques. Key Engineering Materials, 2014, 601, 25-28.	0.4	14
31	Experimental investigation and numerical modelling of spot welding adhesive joints response. Composite Structures, 2014, 112, 66-77.	5.8	56
32	Spot Welding Adhesive Joints: Modelling and Testing. Journal of Adhesion, 2014, 90, 346-364.	3.0	21
33	Heat transfer and stress concentrations in a two-phase polycrystalline composite structure. Part I: Theoretical modelling of heat transfer. Materialwissenschaft Und Werkstofftechnik, 2013, 44, 497-505.	0.9	11
34	Numerical modelling crack propagation under Mode II fracture in plain concretes containing siliceous fly-ash additive using XFEM method. Computational Materials Science, 2012, 62, 75-78.	3.0	64
35	The influence of quantity and distribution of cooling channels of turbine elements on level of stresses in the protective layer TBC and the efficiency of cooling. Computational Materials Science, 2012, 52, 293-297.	3.0	63
36	Detection and numerical analysis of the most efforted places in turbine blades under real working conditions. Computational Materials Science, 2012, 64, 285-288.	3.0	67

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37	Numerical analysis and experiments of the clinch-bonded joint subjected to uniaxial tension. Computational Materials Science, 2012, 64, 270-272.	3.0	39
38	The Analysis of Heat Transfer and Thermal Stresses in Thermal Barrier Coatings under Exploitation. Defect and Diffusion Forum, 2012, 326-328, 530-535.	0.4	12
39	Multidisciplinary analysis of the operational temperature increase of turbine blades in combustion engines by application of the ceramic thermal barrier coatings (TBC). Computational Materials Science, 2011, 50, 1326-1335.	3.0	56
40	Damage and failure processes of hybrid joints: Adhesive bonded aluminium plates reinforced by rivets. Computational Materials Science, 2011, 50, 1256-1262.	3.0	81
41	Experimental investigations and numerical modelling of steel adhesive joints reinforced by rivets. International Journal of Adhesion and Adhesives, 2010, 30, 338-346.	2.9	92
42	Heat Transfer in Composites Subjected to Temperature Variations. Solid State Phenomena, 0, 216, 140-145.	0.3	1
43	Effect of Tolerance in the Fitting of Rivets in the Holes of Double Lap Joints Subjected to Uniaxial Tension. Key Engineering Materials, 0, 607, 49-54.	0.4	15
44	The Deformation Process of Thin-Walled Box Beams Joined by Rivets under Three-Point Bending. Solid State Phenomena, 0, 254, 283-289.	0.3	0