

Przemysław Golewski

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

819
citations

567281

15
h-index

501196

28
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48
all docs

48
docs citations

48
times ranked

460
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental investigations and numerical modelling of steel adhesive joints reinforced by rivets. <i>International Journal of Adhesion and Adhesives</i> , 2010, 30, 338-346.	2.9	92
2	Damage and failure processes of hybrid joints: Adhesive bonded aluminium plates reinforced by rivets. <i>Computational Materials Science</i> , 2011, 50, 1256-1262.	3.0	81
3	Detection and numerical analysis of the most efforted places in turbine blades under real working conditions. <i>Computational Materials Science</i> , 2012, 64, 285-288.	3.0	67
4	Numerical modelling crack propagation under Mode II fracture in plain concretes containing siliceous fly-ash additive using XFEM method. <i>Computational Materials Science</i> , 2012, 62, 75-78.	3.0	64
5	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. <i>Computational Materials Science</i> , 2012, 52, 293-297.	3.0	63
6	Multidisciplinary analysis of the operational temperature increase of turbine blades in combustion engines by application of the ceramic thermal barrier coatings (TBC). <i>Computational Materials Science</i> , 2011, 50, 1326-1335.	3.0	56
7	Experimental investigation and numerical modelling of spot weldingâ€“adhesive joints response. <i>Composite Structures</i> , 2014, 112, 66-77.	5.8	56
8	Numerical analysis and experiments of the clinch-bonded joint subjected to uniaxial tension. <i>Computational Materials Science</i> , 2012, 64, 270-272.	3.0	39
9	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
10	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
11	Spot Weldingâ€“Adhesive Joints: Modelling and Testing. <i>Journal of Adhesion</i> , 2014, 90, 346-364.	3.0	21
12	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
13	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
14	Effect of Tolerance in the Fitting of Rivets in the Holes of Double Lap Joints Subjected to Uniaxial Tension. <i>Key Engineering Materials</i> , 0, 607, 49-54.	0.4	15
15	A novel application of alumina fiber mats as TBC protection for CFRP/epoxy laminates â€“Laboratory tests and numerical modeling. <i>Journal of the European Ceramic Society</i> , 2018, 38, 2920-2927.	5.7	15
16	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
17	Fatigue Response of the Hybrid Joints Obtained by Hot Spot Welding and Bonding Techniques. <i>Key Engineering Materials</i> , 2014, 601, 25-28.	0.4	14
18	Loadings in Thermal Barrier Coatings of Jet Engine Turbine Blades. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2016, , .	0.4	13

#	ARTICLE	IF	CITATIONS
19	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
20	The Influence of TBC Aging on Crack Propagation Due to Foreign Object Impact. Materials, 2019, 12, 1488.	2.9	12
21	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
22	Material Characterization of PMC/TBC Composite Under High Strain Rates and Elevated Temperatures. Materials, 2020, 13, 167.	2.9	9
23	Cracks path growth in turbine blades with TBC under thermo-mechanical cyclic loadings. Frattura Ed Integrita Strutturale, 2016, 10, 492-499.	0.9	8
24	Optimization of a thin-walled element geometry using a system integrating neural networks and finite element method. Archives of Metallurgy and Materials, 2017, 62, 435-442.	0.6	6
25	The influence of aging in salt chamber on strength of aluminum CFRP single lap joints. Materials Today: Proceedings, 2021, 45, 4264-4267.	1.8	6
26	Protective Thermal Barrier Coatings. SpringerBriefs in Applied Sciences and Technology, 2016, , 5-11.	0.4	5
27	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
28	Experimental and Numerical Investigations of TBC Behaviour after Aging, Subjected to Tension and Bending. Solid State Phenomena, 2014, 216, 128-133.	0.3	4
29	Numerical and Experimental Analysis of Foreign Objects Impact into the Surface with TBC Coating. Solid State Phenomena, 2016, 254, 224-230.	0.3	4
30	Gradual degradation of a thin-walled aluminum adhesive joint with omega cross section under bending. International Journal of Adhesion and Adhesives, 2019, 89, 72-81.	2.9	4
31	The influence of dual adhesive in single lap joints on strength and energy absorption. Materials Today: Proceedings, 2021, 45, 4280-4285.	1.8	4
32	Technological and Strength Aspects of Layers Made of Different Powders Laminated on a Polymer Matrix Composite Substrate. Molecules, 2022, 27, 1168.	3.8	4
33	Skew Bending of Aircraft Fuselage Panels with α - and β -Stringers Mounted by Hybrid Joint / Ukośne Zginanie Poszycia Samolotu Z U Sztynwnieniami Typu α -i β , Mocowanymi Za Pomocą... ZŁ...cza Hybrydowego. Archives of Metallurgy and Materials, 2015, 60, 2813-2820.	0.6	3
34	Experimental Study of Single-Lap, Hybrid Joints, Made of 3D Printed Polymer and Aluminium Adherends. Materials, 2021, 14, 7705.	2.9	3
35	Description of Non-Stationary Heat Transfer in Two-Phase Polycrystalline Metal-Ceramic Composites. Acta Physica Polonica A, 2015, 128, 624-628.	0.5	2
36	The Influence of Geometrical Parameters in Socket - Pin Connections on the Value of Opening Force / Wpływ Parametrów Geometrycznych W Połączeniach Typu Gniazdo - Trzpieć, Na Wartość Siły Otwierającej. Archives of Metallurgy and Materials, 2015, 60, 2743-2750.		2

#	ARTICLE	IF	CITATIONS
37	Heat Transfer in Composites Subjected to Temperature Variations. Solid State Phenomena, 0, 216, 140-145.	0.3	1
38	The SHPB tests for GFRP composites subjected to three levels of strain rates. Materials Today: Proceedings, 2021, 45, 4275-4279.	1.8	1
39	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
40	Thermal Loads. SpringerBriefs in Applied Sciences and Technology, 2016, , 13-24.	0.4	0
41	State of Arts in Experimental Testing of TBCs Systems – Literature Analysis. SpringerBriefs in Applied Sciences and Technology, 2016, , 45-65.	0.4	0
42	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
43	Mechanical Loads. SpringerBriefs in Applied Sciences and Technology, 2016, , 25-35.	0.4	0
44	Environmental Loads. SpringerBriefs in Applied Sciences and Technology, 2016, , 37-44.	0.4	0