

Bogdan Szybiński

List of Publications by Year in descending order

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1683934

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17
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74
citing authors

#	ARTICLE	IF	CITATIONS
1	Fatigue Life Assessment of Rolling Bearings Made from AISI 52100 Bearing Steel. <i>Materials</i> , 2019, 12, 371.	1.3	29
2	Application of DIC Method in the Analysis of Stress Concentration and Plastic Zone Development Problems. <i>Materials</i> , 2020, 13, 3460.	1.3	20
3	Parametric optimisation of stress relief groove shape in flat ends of boilers. <i>Journal of Strain Analysis for Engineering Design</i> , 2012, 47, 55-63.	1.0	10
4	Numerical and Experimental Analysis of Stress and Strains in Flat Ends of High-Pressure Vessels. <i>Key Engineering Materials</i> , 2011, 490, 226-236.	0.4	9
5	Estimation of Maximum Fatigue Loads and Bearing Life in Ball Bearings Using Multi-Axial High-Cycle Fatigue Criterion. <i>Applied Mechanics and Materials</i> , 0, 621, 95-100.	0.2	9
6	Optimization of Flat Ends in Pressure Vessels. <i>Materials</i> , 2019, 12, 4194.	1.3	6
7	Analytical And Numerical Solutions Of Metal High-Pressure Wave-Ring Gasket And Comparison With Experimental Results. <i>Archive of Mechanical Engineering</i> , 2015, 62, 19-44.	0.7	5
8	Analytical Estimation of Maximal Fatigue Loads in Cylindrical Roller Bearings. <i>Applied Mechanics and Materials</i> , 0, 477-478, 54-57.	0.2	4
9	Preliminary Experimental and Numerical Study of Metal Element with Notches Reinforced by Composite Materials. <i>Journal of Composites Science</i> , 2021, 5, 134.	1.4	4
10	Design of Flat Ends in Pressure Boilers with Circular and Elliptical Stress Relieve Grooves. <i>Applied Mechanics and Materials</i> , 2013, 477-478, 49-53.	0.2	3
11	Numerical Analysis and Optimization of Flat Ends Parameters in Pressure Vessels with Rectangular Shape. <i>Applied Mechanics and Materials</i> , 0, 621, 107-112.	0.2	3
12	Local Elasto-plastic Buckling of Isotropic Plates With Cutouts Under Tension Loading Conditions. <i>International Journal of Mechanics</i> , 2021, 15, 69-87.	0.2	2
13	Numerical Investigations of Stress Concentration in Reinforcement Steel Structure by Composite Overlays. <i>Journal of KONES</i> , 2019, 26, 249-256.	0.2	2
14	Static and Fatigue Behaviour of Double-Lap Adhesive Joints and Notched Metal Samples Reinforced by Composite Overlays. <i>Materials</i> , 2022, 15, 3233.	1.3	2
15	Determination of Optimal Flat-End Head Geometries for Pressure Vessels Based on Numerical and Experimental Approaches. <i>Materials</i> , 2021, 14, 2520.	1.3	1
16	Thin-walled spatial structures optimized using Trefftz-type finite elements. , 2003, , 670-673.		0
17	The Aluminium and the Steel Supporting System for the Horns Assembly in the High Intensity Neutrino Oscillation Project. <i>Key Engineering Materials</i> , 0, 542, 205-217.	0.4	0