

Paweł, J Romanowicz

List of Publications by Year in descending order

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#	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	Effect of notch on static and fatigue performance of multilayered composite structures under tensile loads. <i>Composite Structures</i> , 2017, 178, 27-36.	3.1	28
3	Application of DIC Method in the Analysis of Stress Concentration and Plastic Zone Development Problems. <i>Materials</i> , 2020, 13, 3460.	1.3	20
4	Experimental Investigations of Compressed Sandwich Composite/Honeycomb Cylindrical Shells. <i>Applied Composite Materials</i> , 2018, 25, 177-189.	1.3	19
5	Description of the Resin Curing Process – Formulation and Optimization. <i>Polymers</i> , 2019, 11, 127.	2.0	19
6	Structural Health Monitoring (SHM) Methods in Machine Design and Operation. <i>Archive of Mechanical Engineering</i> , 2014, 61, 653-677.	0.7	14
7	Numerical assessment of fatigue load capacity of cylindrical crane wheel using multiaxial high-cycle fatigue criteria. <i>Archive of Applied Mechanics</i> , 2017, 87, 1707-1726.	1.2	14
8	Experimental and numerical estimation of the damage level in multilayered composite plates. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2018, 49, 591-605.	0.5	10
9	Fatigue-Damage Evolution of Notched Composite Multilayered Structures under Tensile Loads. <i>Journal of Composites Science</i> , 2018, 2, 27.	1.4	10
10	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
11	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
12	Estimation of Notched Composite Plates Fatigue Life Using Residual Strength Model Calibrated by Step-Wise Tests. <i>Materials</i> , 2018, 11, 2180.	1.3	9
13	Application of Selected Multiaxial High-Cycle Fatigue Criteria to Rolling Contact Problems. <i>Key Engineering Materials</i> , 0, 542, 157-170.	0.4	7
14	Optimization of Flat Ends in Pressure Vessels. <i>Materials</i> , 2019, 12, 4194.	1.3	6
15	Using the Effect of Compression Stress in Fatigue Analysis of the Roller Bearing for Bimodal Stress Histories. <i>Materials</i> , 2022, 15, 196.	1.3	5
16	Analytical Estimation of Maximal Fatigue Loads in Cylindrical Roller Bearings. <i>Applied Mechanics and Materials</i> , 0, 477-478, 54-57.	0.2	4
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Local Elasto-plastic Buckling of Isotropic Plates With Cutouts Under Tension Loading Conditions. International Journal of Mechanics, 2021, 15, 69-87.	0.2	2
20	Static and Fatigue Behaviour of Double-Lap Adhesive Joints and Notched Metal Samples Reinforced by Composite Overlays. Materials, 2022, 15, 3233.	1.3	2
21	Determination of Optimal Flat-End Head Geometries for Pressure Vessels Based on Numerical and Experimental Approaches. Materials, 2021, 14, 2520.	1.3	1
22	Parametric Optimization of Isotropic and Composite Axially Symmetric Shells Subjected to External Pressure and Twisting. Journal of Composites Science, 2021, 5, 128.	1.4	1
23	INFLUENCE OF CRACK PRESENCE ON OPERATING CONDITIONS OF PRESSURE VESSELS WITH FLAT ENDPLATES. Journal of KONES, 2016, 23, 377-384.	0.2	0