

# Andrzej Kurek

## List of Publications by Year in descending order

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27  
papers

169  
citations

1307594

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1199594

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g-index

27  
all docs

27  
docs citations

27  
times ranked

102  
citing authors

#	ARTICLE	IF	CITATIONS
1	A study of compatibility between two classical fatigue curve models based on some selected structural materials. <i>International Journal of Fatigue</i> , 2012, 39, 88-94.	5.7	25
2	Stress-life curve for high and low cycle fatigue. <i>Journal of Theoretical and Applied Mechanics</i> , 2019, 57, 677-684.	0.5	16
3	Non-standard fatigue stands for material testing under bending and torsion loadings. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	14
4	Fatigue Tests and Metallographic of Explosively Cladded Steel-Titanium Bimetal/ Badania ZmÄ™czeniowe I Metalograficzne Bimetalu Stal-Tytan Zgrzewanego Wybuchowo. <i>Archives of Metallurgy and Materials</i> , 2014, 59, 1565-1570.	0.6	13
5	Fatigue Life Tests of Explosively Cladded Steel-Titanium Bimetal. <i>Materials Science Forum</i> , 2012, 726, 106-109.	0.3	10
6	The Influence of the Strain and Stress Gradient in Determining Strain Fatigue Characteristics for Oscillatory Bending. <i>Materials</i> , 2020, 13, 173.	2.9	10
7	Low Cycle Fatigue of Steel in Strain Controlled Cyclic Bending. <i>Acta Mechanica Et Automatica</i> , 2016, 10, 62-65.	0.6	9
8	Influence of the Selected Fatigue Characteristics of the Material on Calculated Fatigue Life under Variable Amplitude Loading. <i>Applied Mechanics and Materials</i> , 2011, 104, 197-205.	0.2	8
9	Microstructure and Fatigue Properties of AlZn6Mg0.8Zr Alloy Subjected to Low-Temperature Thermomechanical Processing. <i>Metals</i> , 2017, 7, 448.	2.3	8
10	Using Fatigue Characteristics to Analyse Test Results for 16Mo3 Steel under Tension-Compression and Oscillatory Bending Conditions. <i>Materials</i> , 2020, 13, 1197.	2.9	7
11	Stress gradient as a size effect in fatigue life determination for alternating bending. <i>International Journal of Fatigue</i> , 2021, 153, 106461.	5.7	7
12	Microstructural and Fractographic Analysis of Plastically Deformed Al-Zn-Mg Alloy Subjected to Combined High-Cycle Bending-Torsion Fatigue. <i>Metals</i> , 2018, 8, 487.	2.3	6
13	Cracking of thick-walled fiber composites during bending tests. <i>Theoretical and Applied Fracture Mechanics</i> , 2019, 101, 46-52.	4.7	6
14	Fracture of elastic-brittle and elastic-plastic material in cantilever cyclic bending. <i>Frattura Ed Integrita Strutturale</i> , 2019, 13, 42-49.	0.9	6
15	Comparison of 15Mo3 Strain Curves Obtained for Strain-Controlled Cyclic Bending and Tension-Compression Tests. <i>Solid State Phenomena</i> , 0, 250, 85-93.	0.3	5
16	Fatigue Life of Aluminum Alloys Based on Shear and Hydrostatic Strain. <i>Materials</i> , 2020, 13, 4850.	2.9	5
17	Strain-life fatigue curves on the basis of shear strains from torsion. <i>Procedia Structural Integrity</i> , 2018, 13, 2210-2215.	0.8	4
18	Strain characteristics of non-ferrous metals obtained on the basic of different loads. <i>MATEC Web of Conferences</i> , 2018, 165, 15005.	0.2	3

#	ARTICLE	IF	CITATIONS
19	Fatigue cracking of aluminium alloy AlZn6Mg0.8Zr subjected to thermomechanical treatment. <i>Frattura Ed Integrita Strutturale</i> , 2016, 10, 449-455.	0.9	2
20	Change in elastic modulus during fatigue bending and torsion of a polymer reinforced with continuous glass fibers. <i>Engineering Failure Analysis</i> , 2022, 138, 106341.	4.0	2
21	Stress Concentration Resulting from Irregular Shape of Explosively Cladded Materials Connections - Fem Simulation. <i>Acta Mechanica Et Automatica</i> , 2014, 8, 103-106.	0.6	1
22	Strain-Life Fatigue Curves on the Basis of Shear Strains from Torsion. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 395-402.	0.4	1
23	Influence of surface characteristics and finishing on fatigue properties of additively manufactured Ti6Al4V. , 2021, , .		1
24	Effect of Heat Treatment on the Fatigue Life of Steel-Titanium Bimetal. <i>E3S Web of Conferences</i> , 2017, 19, 03015.	0.5	0
25	The application of the theory of large deformations in uniaxial tension-compression of selected metals. <i>Procedia Structural Integrity</i> , 2019, 16, 19-26.	0.8	0
26	Badania zmÄ™czeniowe Å,Ä...cznika spawalniczego stal-aluminium z miÄ™dzywarstwÄ... tytanu. <i>PrzeeglÄ...d Spawalnictwa</i> , 2018, 90, .	0.5	0
27	Designing of the Structure Elements Being Bent from the Fatigue Life Point of View. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 353-360.	0.4	0