

# Andrzej Kurek

## List of Publications by Year in descending order

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27  
papers

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citations

1307594

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h-index

1199594

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g-index

27  
all docs

27  
docs citations

27  
times ranked

102  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Influence of surface characteristics and finishing on fatigue properties of additively manufactured Ti6Al4V. , 2021, , .		1
4	Fatigue Life of Aluminum Alloys Based on Shear and Hydrostatic Strain. <i>Materials</i> , 2020, 13, 4850.	2.9	5
5	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
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	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
8	Cracking of thick-walled fiber composites during bending tests. <i>Theoretical and Applied Fracture Mechanics</i> , 2019, 101, 46-52.	4.7	6
9	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
10	Stress-life curve for high and low cycle fatigue. <i>Journal of Theoretical and Applied Mechanics</i> , 2019, 57, 677-684.	0.5	16
11	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
12	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
13	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
14	Strain-life fatigue curves on the basis of shear strains from torsion. <i>Procedia Structural Integrity</i> , 2018, 13, 2210-2215.	0.8	4
15	Non-standard fatigue stands for material testing under bending and torsion loadings. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	14
16	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
17	Badania zmÄ™czeniowe Ä...cznika spawalniczego stal-aluminium z miÄ™dzywarstwÄ... tytanu. <i>PrzeeglÄ...d Spawalnictwa</i> , 2018, 90, .	0.5	0
18	Microstructure and Fatigue Properties of AlZn6Mg0.8Zr Alloy Subjected to Low-Temperature Thermomechanical Processing. <i>Metals</i> , 2017, 7, 448.	2.3	8

#	ARTICLE	IF	CITATIONS
19	Effect of Heat Treatment on the Fatigue Life of Steel-Titanium Bimetal. E3S Web of Conferences, 2017, 19, 03015.	0.5	0
20	Low Cycle Fatigue of Steel in Strain Controlled Cyclic Bending. Acta Mechanica Et Automatica, 2016, 10, 62-65.	0.6	9
21	Fatigue cracking of aluminium alloy AlZn6Mg0.8Zr subjected to thermomechanical treatment. Frattura Ed Integrita Strutturale, 2016, 10, 449-455.	0.9	2
22	Fatigue Tests and Metallographic of Explosively Cladded Steel-Titanium Bimetal/ Badania ZmÄ™czeniowe I Metalograficzne Bimetalu Stal-Tytan Zgrzewanego Wybuchowo. Archives of Metallurgy and Materials, 2014, 59, 1565-1570.	0.6	13
23	Stress Concentration Resulting from Irregular Shape of Explosively Cladded Materials Connections - Fem Simulation. Acta Mechanica Et Automatica, 2014, 8, 103-106.	0.6	1
24	Fatigue Life Tests of Explosively Cladded Steel-Titanium Bimetal. Materials Science Forum, 2012, 726, 106-109.	0.3	10
25	A study of compatibility between two classical fatigue curve models based on some selected structural materials. International Journal of Fatigue, 2012, 39, 88-94.	5.7	25
26	Influence of the Selected Fatigue Characteristics of the Material on Calculated Fatigue Life under Variable Amplitude Loading. Applied Mechanics and Materials, 2011, 104, 197-205.	0.2	8
27	Comparison of 15Mo3 Strain Curves Obtained for Strain-Controlled Cyclic Bending and Tension-Compression Tests. Solid State Phenomena, 0, 250, 85-93.	0.3	5