

Zhengkun Cheng

List of Publications by Year in descending order

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9
papers

64
citations

1937685
4
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1720034
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g-index

9
all docs

9
docs citations

9
times ranked

49
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical prediction of the fatigue limit for axisymmetric round bars with rough surface morphology. Fatigue and Fracture of Engineering Materials and Structures, 2022, 45, 739-753.	3.4	1
2	Fatigue Life Prediction of Machined Specimens with the Consideration of Surface Roughness. Materials, 2021, 14, 5420.	2.9	3
3	Stress concentration of 3-D surfaces with small undulations: Analytical solution. International Journal of Solids and Structures, 2020, 206, 340-353.	2.7	8
4	Cyclic stress-assisted surface diffusion and stress concentration of machined surface topography. Engineering Fracture Mechanics, 2020, 234, 107087.	4.3	2
5	Underwater acoustic positioning using orbital angular momentum vortex beams. , 2020, , .		0
6	Introduction of a Flexible Adaptive AUV-Capture Device Based on bio-inspired hydraulic Soft Robot. , 2019, , .		0
7	Surface stress concentration factor via Fourier representation and its application for machined surfaces. International Journal of Solids and Structures, 2017, 113-114, 108-117.	2.7	23
8	Fatigue notch factors prediction of rough specimen by the theory of critical distance. International Journal of Fatigue, 2017, 104, 195-205.	5.7	16
9	Effect of surface topography on stress concentration factor. Chinese Journal of Mechanical Engineering (English Edition), 2015, 28, 1141-1148.	3.7	11