

Carlos Jiménez-Peña

List of Publications by Year in descending order

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1937685

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#	ARTICLE	IF	CITATIONS
1	Influence of Electrically Powered Pedal Assistance on User-Induced Cycling Loads and Muscle Activity during Cycling. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2032.	2.5	1
2	A Novel Contactless Bolt Preload Monitoring Method Using Digital Image Correlation. <i>Journal of Nondestructive Evaluation</i> , 2021, 40, 1.	2.4	0
3	Assessment of fretting fatigue in high strength steel bolted connections with simplified Fe modelling techniques. <i>Tribology International</i> , 2020, 143, 106083.	5.9	15
4	Failure Mechanisms of Mechanically and Thermally Produced Holes in High-Strength Low-Alloy Steel Plates Subjected to Fatigue Loading. <i>Metals</i> , 2020, 10, 318.	2.3	9
5	Influence of hole-making procedures on fatigue behaviour of high strength steel plates. <i>Journal of Constructional Steel Research</i> , 2019, 158, 1-14.	3.9	15
6	Fatigue response of high-strength steel bolted connections under in-plane shear and out-of-plane bending loading modes. <i>Procedia Structural Integrity</i> , 2019, 19, 302-311.	0.8	2
7	Impact of motion blur on stereo digital image correlation with the focus on a drone-carried stereo rig. <i>Strain</i> , 2019, 55, e12300.	2.4	3
8	Model Based Bolt Preload Monitoring Using Digital Image Correlation. <i>Proceedings (mdpi)</i> , 2018, 2, .	0.2	3
9	Investigations on the fretting fatigue failure mechanism of bolted joints in high strength steel subjected to different levels of pre-tension. <i>Tribology International</i> , 2017, 108, 128-140.	5.9	58