

# Carlos Jiménez-Peña

## List of Publications by Year in descending order

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Version: 2024-02-01

9  
papers

106  
citations

1937685

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h-index

1588992

8  
g-index

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docs citations

9  
times ranked

95  
citing authors

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