Hao Gong

List of Publications by Year
in descending order

13 papers	**249** citations	1040056 **9** h-index	1199594 **12** g-index
13 all docs	**13** docs citations	**13** times ranked	**65** citing authors

#	Article	IF	Citations
1	A comprehensive review of loosening detection methods for threaded fasteners. Mechanical Systems and Signal Processing, 2022, 168, 108652.	8.0	38
2	Review of research on loosening of threaded fasteners. Friction, 2022, 10, 335-359.	6.4	32
3	Thorough understanding on the mechanism of vibration-induced loosening of threaded fasteners based on modified Iwan model. Journal of Sound and Vibration, 2020, 473, 115238.	3.9	30
4	Study on the critical loosening condition toward a new design guideline for bolted joints. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 3302-3316.	2.1	24
5	Effect of Ramp Angle on the Anti-Loosening Ability of Wedge Self-Locking Nuts Under Vibration. Journal of Mechanical Design, Transactions of the ASME, 2018, 140, .	2.9	21
6	Study on local slippage accumulation between thread contact surfaces and novel anti-loosening thread designs under transversal vibration. Tribology International, 2021, 153, 106558.	5.9	21
7	Review on anti-loosening methods for threaded fasteners. Chinese Journal of Aeronautics, 2022, 35, 47-61.	5.3	20
8	Study on the mechanism of preload decrease of bolted joints subjected to transversal vibration loading. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2019, 233, 2320-2329.	2.4	19
9	Some factors affecting the loosening failure of bolted joints under vibration using finite element analysis. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2018, 232, 3942-3953.	2.1	18
10	Calculation of the effective bearing contact radius for precision tightening of bolted joints. Advances in Mechanical Engineering, 2016, 8, 168781401666844.	1.6	10
11	ResAttenGAN: Simultaneous segmentation of multiple spinal structures on axial lumbar MRI image using residual attention and adversarial learning. Artificial Intelligence in Medicine, 2022, 124, 102243.	6.5	10
12	Axial-SpineGAN: simultaneous segmentation and diagnosis of multiple spinal structures on axial magnetic resonance imaging images. Physics in Medicine and Biology, 2021, 66, 115014.	3.0	4
13	A novel vision-based method for loosening detection of marked T-junction pipe fittings integrating GAN-based segmentation and SVM-based classification algorithms. Journal of Intelligent Manufacturing, 0, , 1.	7.3	2