

Yu Jiang

List of Publications by Year in descending order

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13
papers

440
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

478
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress on decoupling diagnosis of hybrid failures in gear transmission systems using vibration sensor signal: A review. Measurement: Journal of the International Measurement Confederation, 2016, 90, 4-19.	5.0	109
2	A new compound faults detection method for rolling bearings based on empirical wavelet transform and chaotic oscillator. Chaos, Solitons and Fractals, 2016, 89, 8-19.	5.1	87
3	The nonlinear dynamics response of cracked gear system in a coal cutter taking environmental multi-frequency excitation forces into consideration. Nonlinear Dynamics, 2016, 84, 203-222.	5.2	72
4	On the bi-dimensional variational decomposition applied to nonstationary vibration signals for rolling bearing crack detection in coal cutters. Measurement Science and Technology, 2016, 27, 065103.	2.6	32
5	Multi-mode separation and nonlinear feature extraction of hybrid gear failures in coal cutters using adaptive nonstationary vibration analysis. Nonlinear Dynamics, 2016, 84, 295-310.	5.2	31
6	Difference equation based empirical mode decomposition with application to separation enhancement of multi-fault vibration signals. Journal of Difference Equations and Applications, 2017, 23, 457-467.	1.1	31
7	A new swarm intelligence optimized multiclass multi-kernel relevant vector machine: An experimental analysis in failure diagnostics of diesel engines. Structural Health Monitoring, 2018, 17, 1503-1519.	7.5	16
8	On the boundedness of running-in attractors based on recurrence plot and recurrence qualification analysis. Friction, 2019, 7, 432-443.	6.4	16
9	Recursive Characteristics of a Running-in Attractor in a Ring-on-Disk Tribosystem. Journal of Tribology, 2019, 141, .	1.9	15
10	Recent progress on smart mining in China: Unmanned electric locomotive. Advances in Mechanical Engineering, 2017, 9, 168781401769504.	1.6	11
11	Characteristic Parameters and Evolution of the Running-in Attractor. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950044.	1.7	11
12	A Study on Methods for Determining Phase Space Reconstruction Parameters. Journal of Computational and Nonlinear Dynamics, 2022, 17, .	1.2	5
13	An improved quantitative recurrence analysis using artificial intelligence based image processing applied to sensor measurements. Concurrency Computation Practice and Experience, 2019, 31, e4858.	2.2	4