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Misfire detection of locomotive diesel engine by non-linear analysis

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#	Paper	IF	Citations
39	Short-Time Analysis of Combustion Engine Vibroacoustic Signals through Pattern Recognition Techniques. 2005 ,		3
38	A comparison of different methods for fuel delivery unevenness detection in Diesel engines. <i>Mechanical Systems and Signal Processing</i> , 2006 , 20, 2219-2231	7.8	26
37	Nonlinear dynamics of cycle-to-cycle combustion variations in a lean-burn natural gas engine. <i>Applied Thermal Engineering</i> , 2008 , 28, 611-620	5.8	45
36	Patterns in the combustion process in a spark ignition engine. <i>Chaos, Solitons and Fractals</i> , 2008 , 35, 578-585	5.9	36
35	Analysis of cycle-to-cycle pressure oscillations in a diesel engine. <i>Mechanical Systems and Signal Processing</i> , 2008 , 22, 362-373	7.8	88
34	Analysis of pressure fluctuations in a natural gas engine under lean burn conditions. <i>Applied Thermal Engineering</i> , 2010 , 30, 776-779	5.8	45
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30	. 2011 ,		
29	Optimizing Crankcase Ventilation System of Gasoline Engine. <i>Applied Mechanics and Materials</i> , 2011 , 58-60, 171-176	0.3	
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27	Internal combustion engine valve clearance fault classification using multivariate analysis of variance and discriminant analysis. <i>Transactions of the Institute of Measurement and Control</i> , 2012 , 34, 566-577	1.8	14
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18	Nonlinear time series analysis from large eddy simulation of an internal combustion engine. <i>International Journal of Heat and Fluid Flow</i> , 2016 , 57, 79-90	2.4	6
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13	Misfire Detection Based on Generalized Force Identification at the Engine Centre of Gravity. <i>IEEE Access</i> , 2019 , 7, 165039-165047	3.5	6
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11	An improved method of detecting engine misfire by sound quality metrics of radiated sound. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2019 , 233, 3112-3124	1.4	7
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