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No.02	AE-Based Mapping of Plasma Disge Modes	Fengyuan Bao, Bashkov Oleg, Zhiyuan Wang
No.03	Acoustic emission multiscale computation-guided damage identification in open-hole CFRP laminates at cryogenic temperatures	Lianhua Ma, Zilong Ye, Wei Zhou
No.04	Anomaly Monitoring Technology for Aviation Metal Structures Based on Acoustic Emission	Ruiyuan Wang, Yu Yang, Kai Guo, Hailong Yang, Yipeng Ren, Gang Liu
No.05	The forward inverse scattering of acoustic guided SH wave in a curved plate	Bin Wang, Shengtao He, Yao Zhang, Jie Zeng, Lei Qi, Qinghua Zhu
No.06	Application Practice of Acoustic Emission Testing in the Hierarchical Evaluation of Blowout Preventer Control Units	Yonggang Deng, Shaowei Chen, Quan Luo, Zhitao Liao, MIN Sili
No.07	Rail Damage Detection Using Variational Mode Decomposition-Independent Component Analysis with Fractional Fourier Transform Mean Amplitude	Qinghua Song, Yi Shen
No.08	A study of rail fatigue diagnosis based on optimized hierarchical density-based clustering	Kangwei Wang, Bowu Ren, Jiawei Li, Chengwei Xu, Jiachang Chen, Linman Zhang
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No.10	Reconstruction of the frequency response of a fiber- optic sensor based on the spectra of recorded AE signals	Bashkov Oleg, Bashkov Ilia, Romashko Roman
No.11	High-temperature resistant Ultra-low Noise Fiber Optic Acoustic Emission Sensor Based on Femtosecond Laser Inion Technique	Wenzhu Huang, Wentao Zhang, Peng Wei, Fang Li
No.12	Research on Acoustic Emission Leakage Monitoring Leak Rate Quantification for Oil Drilling Wellhead Manifold Valve Sets	Yonggang Deng, Shaowei Chen, Gang Rou, Zhengxin Li, Dongming Hou
No.13	Analysis of the radial compression damage evolution behavior of carbon fiber wound composite materials based on acoustic emission	Yaping Liu, Tong-yu Zhang, Wei Zhou
No.14	Modeling Algorithm for Reconstructing the Wave Velocity Field of Damaged Elastic Plates via Time Difference Detection	Jiayi Qi, Jason Dong, Defu Han, Dongming Hou
No.15	Research on Pipeline Leakage Detection Using Air- Coupled Sensors Based on Wavelet Scattering Transform	Kexin Yang, Feifei Long, Lai Wei