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Time-dependent limited penetrable visibility graph analysis of nonstationary time series

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Research highlights to the manuscript entitled "Time-dependent limited penetrable visibility graph analysis of nonstationary time series" by Zhong-Ke Gao, Qing Cai, Yu-Xuan Yang, Wei-Dong Dang:

1. We develop a time-dependent limited penetrable visibility graph to analyze time series;

2. Our method enables to identify healthy, CHF and AF from RR interval time series;

3. Our method allows characterizing time-varying flow behaviors of gas-liquid flows;

4. Broader applicability of our method is demonstrated and articulated.

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