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Effects of individual popularity on information spreading in complex networks

Lei Gao, Ruiqi Li, Panpan Shu, Wei Wang, Hui Gao, Shimin Cai

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Highlights

- We propose an information spreading model with preferential selection based on individuals' current popularity.
- A mean-field theory is developed to analyze the spreading model.
- The preference of popularity has great impacts on the final prevalence and the outbreak threshold.

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