

## Accepted Manuscript

Group based centrality for immunization of complex networks

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The highlights of manuscript are following.

#### Highlights

- A group based node importance method (SVID) for objective criteria of network immunization.
- Shapley value based approach is employed to score the nodes.
- Efficient computation of payoff division approach is exploited.
- SVID can identify hubs and bridge nodes for information delimitation.
- Node immunization based on SVID leads to essential network vulnerability.

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