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A social force model for the crowd evacuation in a terrorist attack

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Highlights

1. A new social force model for the pedestrian evacuation in a terrorist attack.
2. The interaction between terrorists' attack and pedestrians' evacuation is studied.
3. An emergency exit choice strategy is developed for pedestrians.
4. More people will be killed if terrorists start the attack from the exits.
5. Many people will be saved if at least half of the exits are available and safe.

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