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Optimization-Based Feedback Control for Pedestrian Evacuation From an Exit Corridor

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#	Paper	IF	Citations
48	A Comprehensive Multi-Mode Traffic Information Service Platform for Pedestrian and Bicycle Traffic. <i>Applied Mechanics and Materials</i> , 2012 , 241-244, 2095-2099	0.3	1
47	A survey of urban traffic signal control for agent recommendation system. 2012 ,		8
46	Three-Dimensional Model-Based Human Detection in Crowded Scenes. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2012 , 13, 691-703	6.1	15
45	Investigation on an Integrated Evacuation Route Planning Method Based on Real-Time Data Acquisition for High-Rise Building Fire. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2013 , 14, 782-795	6.1	20
44	Optimal Feedback Flow Rates for Pedestrian Evacuation in a Network of Corridors. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2013 , 14, 1053-1066	6.1	22
43	Evacuation Planning Based on the Contraflow Technique With Consideration of Evacuation Priorities and Traffic Setup Time. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2013 , 14, 480-485	6.1	60
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41	Evacuation Modeling From the Control Perspective and Corresponding Sequential-Based Optimal Evacuation Guidance. <i>IEEE Transactions on Control Systems Technology</i> , 2014 , 22, 1094-1102	4.8	8
40	The pedestrian evacuation model with collision probability in three-dimensional space. <i>Transportation Letters</i> , 2014 , 6, 219-225	2.1	3
39	The effects of group and position vacancy on pedestrian evacuation flow model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014 , 378, 1913-1918	2.3	26
38	An Agent-Based Microscopic Pedestrian Flow Simulation Model for Pedestrian Traffic Problems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2014 , 15, 992-1001	6.1	60
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36	Modeling and simulating for congestion pedestrian evacuation with panic. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015 , 428, 396-409	3.3	73
35	Density-based evolutionary framework for crowd model calibration. <i>Journal of Computational Science</i> , 2015 , 6, 11-22	3.4	24
34	Level-of-Service Based Hierarchical Feedback Control Method of Network-Wide Pedestrian Flow. <i>Mathematical Problems in Engineering</i> , 2016 , 2016, 1-14	1.1	5
33	Robot-assisted pedestrian regulation in an exit corridor. 2016 ,		11
32	Modeling of Crowd Evacuation With Assailants via a Fuzzy Logic Approach. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2016 , 17, 2395-2407	6.1	20

31	Analyzing and optimizing pedestrian flow through a topological network based on M/G/C/Can and network flow approaches. <i>Journal of Advanced Transportation</i> , 2016 , 50, 96-119	1.9	7
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28	Characteristic time based social force model improvement and exit assignment strategy for pedestrian evacuation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 505, 530-548	3.3	24
27	Two-Time-Scale Hybrid Traffic Models for Pedestrian Crowds. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018 , 19, 3449-3460	6.1	10
26	Network redesign for efficient crowd flow and evacuation. <i>Applied Mathematical Modelling</i> , 2018 , 53, 251-266	4.5	19
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24	Research on Evacuation of Panic People Based on Optimal Control. 2018 ,		1
23	. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 1034-1048	4.5	10
22	Robot-assisted pedestrian flow control of a controlled pedestrian corridor. <i>International Journal of Advanced Robotic Systems</i> , 2018 , 15, 172988141881469	1.4	2
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20	Optimal Pedestrian Evacuation in Building with Consecutive Differential Dynamic Programming. 2019 ,		1
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