

Zhuang Xiao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7845183/publications.pdf>

Version: 2024-02-01

13
papers

139
citations

1478505

6
h-index

1588992

8
g-index

13
all docs

13
docs citations

13
times ranked

70
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and Energy-Optimal Control for High-Speed Trains. IEEE Transactions on Transportation Electrification, 2020, 6, 797-807.	7.8	35
2	Eco-driving control for hybrid electric trams on a signalised route. IET Intelligent Transport Systems, 2020, 14, 36-44.	3.0	21
3	Integrated Optimization of Speed Profiles and Power Split for a Tram with Hybrid Energy Storage Systems on a Signalized Route. Energies, 2018, 11, 478.	3.1	20
4	Real-Time Energy-Efficient Driver Advisory System for High-Speed Trains. IEEE Transactions on Transportation Electrification, 2021, 7, 3163-3172.	7.8	20
5	Multi-Objective Trajectory Optimization for Freight Trains Based on Quadratic Programming. Transportation Research Record, 2020, 2674, 466-477.	1.9	14
6	Joint Optimization of Speed and Voltage Trajectories for Hybrid Electric Trams. IEEE Transactions on Industry Applications, 2021, 57, 6427-6439.	4.9	10
7	Energy-Efficient Driving Strategies for Multi-Train by Optimization and Update Speed Profiles Considering Transmission Losses of Regenerative Energy. Energies, 2019, 12, 3573.	3.1	6
8	Energy-Efficient Speed Profile Optimization and Sliding Mode Speed Tracking for Metros. Energies, 2020, 13, 6093.	3.1	6
9	Energy-efficient control of a train considering multi-trains power flow. IET Intelligent Transport Systems, 0, , .	3.0	4
10	Energy management and speed profile optimization for hybrid electric trams. , 2019, , .		2
11	Energy-Efficient Operation of High-speed Trains Based on a Multiple Phases Model. , 2018, , .		1
12	SPEED TRAJECTORY OPTIMIZATION FOR A HIGH-SPEED TRAIN. WIT Transactions on the Built Environment, 2020, , .	0.0	0
13	Longitudinal Speed Control Based on Fuzzy Logic Controller for Trams. , 2020, , .		0