

# Zhuang Xiao

## List of Publications by Year in descending order

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papers

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1478505

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Joint Optimization of Speed and Voltage Trajectories for Hybrid Electric Trams. IEEE Transactions on Industry Applications, 2021, 57, 6427-6439.	4.9	10
2	Real-Time Energy-Efficient Driver Advisory System for High-Speed Trains. IEEE Transactions on Transportation Electrification, 2021, 7, 3163-3172.	7.8	20
3	Multi-Objective Trajectory Optimization for Freight Trains Based on Quadratic Programming. Transportation Research Record, 2020, 2674, 466-477.	1.9	14
4	Energy-Efficient Speed Profile Optimization and Sliding Mode Speed Tracking for Metros. Energies, 2020, 13, 6093.	3.1	6
5	Modeling and Energy-Optimal Control for High-Speed Trains. IEEE Transactions on Transportation Electrification, 2020, 6, 797-807.	7.8	35
6	Eco-driving control for hybrid electric trams on a signalised route. IET Intelligent Transport Systems, 2020, 14, 36-44.	3.0	21
7	SPEED TRAJECTORY OPTIMIZATION FOR A HIGH-SPEED TRAIN. WIT Transactions on the Built Environment, 2020, , .	0.0	0
8	Longitudinal Speed Control Based on Fuzzy Logic Controller for Trams. , 2020, , .		0
9	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
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	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
13	Energy-efficient control of a train considering multi-trains power flow. IET Intelligent Transport Systems, 0, , .	3.0	4