

Benjamin Groelke

List of Publications by Year in descending order

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papers

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2258059

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1872680

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8
times ranked

53
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical Model Predictive Control Approaches for Strategic Platoon Engagement of Heavy-Duty Trucks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 8234-8246.	8.0	3
2	Hierarchical Control of Heavy-Duty Trucks Through Signalized Intersections With Non-Deterministic Signal Timing. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 13769-13781.	8.0	2
3	A Predictive Command Governor-Based Adaptive Cruise Controller With Collision Avoidance for Non-Connected Vehicle Following. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 12276-12286.	8.0	12
4	Cooperative Exchange-Based Platooning Using Predicted Fuel-Optimal Operation of Heavy-Duty Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 17312-17324.	8.0	3
5	Design and Performance Analysis of a Cascaded Model Predictive Controller and Command Governor for Fuel-Efficient Control of Heavy-Duty Trucks. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2021, 143, .	1.6	5
6	Economic Optimal Control for Minimizing Fuel Consumption of Heavy-Duty Trucks in a Highway Environment. IEEE Transactions on Control Systems Technology, 2020, 28, 1652-1664.	5.2	26
7	A Comparative Assessment of Economic Model Predictive Control Strategies for Fuel Economy Optimization of Heavy-Duty Trucks. , 2018, , .		14
8	In-Vehicle Validation of Heavy-Duty Vehicle Fuel Savings via a Hierarchical Predictive Online Controller. SAE International Journal of Advances and Current Practices in Mobility, 0, 3, 2159-2169.	2.0	4