

Benjamin Groelke

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6729281/publications.pdf>

Version: 2024-02-01

8
papers

69
citations

2258059

3
h-index

1872680

6
g-index

8
all docs

8
docs citations

8
times ranked

53
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A Comparative Assessment of Economic Model Predictive Control Strategies for Fuel Economy Optimization of Heavy-Duty Trucks. , 2018, , .		14
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	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
5	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
6	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
7	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
8	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