

Cong-Zhi Liu

List of Publications by Year in descending order

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13
papers

368
citations

1307594

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docs citations

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times ranked

406
citing authors

#	ARTICLE	IF	CITATIONS
1	An Innovative Adaptive Cruise Control Method Based on Mixed H_{∞}/H_2 Out-of-Sequence Measurement Observer. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 5602-5614.	8.0	3
2	The Bionics and its Application in Energy Management Strategy of Plug-in Hybrid Electric Vehicle Formation. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 7860-7874.	8.0	9
3	An Innovative Adaptive Cruise Control Method With Packet Dropout. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 7102-7114.	8.0	4
4	Robust LMI-Based H_{∞} Controller Integrating AFS and DYC of Autonomous Vehicles With Parametric Uncertainties. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6901-6910.	9.3	66
5	An Innovative Finite Frequency H_{∞} . IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1553-1561.	8.0	3
6	A novel coupling strategy for automated vehicle's longitudinal dynamic stability. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2021, 235, 2753-2763.	1.9	1
7	A stochastic optimal energy management strategy considering battery health for hybrid electric bus. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2020, 234, 3112-3127.	1.9	9
8	Model Predictive Iterative Learning Control for Energy Management of Plug-In Hybrid Electric Vehicle. IEEE Access, 2019, 7, 71323-71334.	4.2	21
9	Cooperative Control of Clutch and Hydraulic Control Unit. IEEE Transactions on Industrial Electronics, 2019, 66, 7209-7218.	7.9	4
10	A State of Charge Estimation Method Based on H_{∞} Observer for Switched Systems of Lithium-Ion Nickel-Manganese-Cobalt Batteries. IEEE Transactions on Industrial Electronics, 2017, 64, 8128-8137.	7.9	48
11	A Human-Machine-Cooperative-Driving Controller Based on AFS and DYC for Vehicle Dynamic Stability. Energies, 2017, 10, 1737.	3.1	75
12	A new method of modeling and state of charge estimation of the battery. Journal of Power Sources, 2016, 320, 1-12.	7.8	117
13	A nonlinear fractional-order H_{∞} observer for SOC estimation of battery pack of electric vehicles. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 0, , 095440702199434.	1.9	8