

Cong-Zhi Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3821089/publications.pdf>

Version: 2024-02-01

13
papers

368
citations

1307594

7
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

406
citing authors

#	ARTICLE	IF	CITATIONS
1	A new method of modeling and state of charge estimation of the battery. Journal of Power Sources, 2016, 320, 1-12.	7.8	117
2	A Human-Machine-Cooperative-Driving Controller Based on AFS and DYC for Vehicle Dynamic Stability. Energies, 2017, 10, 1737.	3.1	75
3	Robust LMI-Based H-Infinite 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
4	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
5	Model Predictive Iterative Learning Control for Energy Management of Plug-In Hybrid Electric Vehicle. IEEE Access, 2019, 7, 71323-71334.	4.2	21
6	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
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	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
9	Cooperative Control of Clutch and Hydraulic Control Unit. IEEE Transactions on Industrial Electronics, 2019, 66, 7209-7218.	7.9	4
10	An Innovative Adaptive Cruise Control Method With Packet Dropout. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 7102-7114.	8.0	4
11	An Innovative Finite Frequency H_{∞} . IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1553-1561.	8.0	3
12	An Innovative Adaptive Cruise Control Method Based on Mixed H_{∞}/H_{∞} Out-of-Sequence Measurement Observer. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 5602-5614.	8.0	3
13	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