Guangyu Tian

List of Publications by Year
in descending order

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		840585	996849
23	554	11	15
papers	citations	h-index	g-index

23	23	23	808
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In situ prepared nano-crystalline TiO2â€“poly(methyl methacrylate) hybrid enhanced composite polymer electrolyte for Li-ion batteries. Journal of Materials Chemistry A, 2013, 1, 5955.	5.2	125
2	Adaptive Fuzzy Logic Energy Management Strategy Based on Reasonable SOC Reference Curve for Online Control of Plug-in Hybrid Electric City Bus. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 1607-1617.	4.7	108
3	A length ratio based neural network energy management strategy for online control of plug-in hybrid electric city bus. Applied Energy, 2016, 177, 71-80.	5.1	52
4	Organic polymer material with a multi-electron process redox reaction: towards ultra-high reversible lithium storage capacity. RSC Advances, 2013, 3, 3227.	1.7	35
5	Morphology evolution and impurity analysis of LiFePO₄ nanoparticles via a solvothermal synthesis process. RSC Advances, 2014, 4, 56074-56083.	1.7	33
6	A Hybrid Method Combining Markov Prediction and Fuzzy Classification for Driving Condition Recognition. IEEE Transactions on Vehicular Technology, 2018, 67, 10411-10424.	3.9	31
7	Anion effects on the solvation structure and properties of imide lithium salt-based electrolytes. RSC Advances, 2019, 9, 41837-41846.	1.7	31
8	A distribution density-based methodology for driving data cluster analysis: A case study for an extended-range electric city bus. Pattern Recognition, 2018, 73, 131-143.	5.1	25
9	A four-step method to design an energy management strategy for hybrid vehicles. , 2004, , .		22
10	A polymeric composite protective layer for stable Li metal anodes. Nano Convergence, 2020, 7, 21.	6.3	17
11	Modeling and analysis of engaging process of automated mechanical transmissions. Multibody System Dynamics, 2016, 37, 345-369.	1.7	16
12	A Facile Approach to High Precision Detection of Cell-to-Cell Variation for Li-ion Batteries. Scientific Reports, 2020, 10, 7182.	1.6	16
13	Driving Pattern Recognition and Energy Management for Extended Range Electric Bus. , 2014, , .		14
14	The Synthesis of LiMnxFe1â^'xPO4/C Cathode Material through Solvothermal Jointed with Solid-State Reaction. Materials, 2016, 9, 766.	1.3	9
15	Influences on power performances of metal oxide additives for LiFePO4 electrodes. Ionics, 2014, 20, 1517-1523.	1.2	5
16	Multistage Time-Optimal Control for Synchronization Process in Electric-Driven Mechanical Transmission With Angle Alignment Considering Torque Response Process. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2021, 143, .	0.9	4
17	A novel control scheme of propulsion motor for integrated powertrain of electric bus. , 2009, , .		3
18	Control software development of drive motor for electric vehicles. , 2014, , .		3

#	Article	IF	Citations
19	Sensor Fault-tolerant Control for Gear-shifting Engaging Process of Electric-drive Mechanical Transmission. , 2018, , .		3
20	A Stochastic Model Predictive Control Strategy for Energy Management of Series PHEV. World Electric Vehicle Journal, 2015, 7, 299-310.	1.6	1
21	Gearâ€shifting control of nonâ€synchronizer electricâ€driven mechanical transmission with active angle alignment. Optimal Control Applications and Methods, 0, , .	1.3	1
22	Sliding mode-based DTC-SVM control of permanent magnet synchronous motors for plug-in hybrid electric vehicles. , 2009, , .		0
23	High-rate performance of LiNi0.5Mn1.45Al0.05O4 cathode material for lithium-ion batteries. Ionics, 2021, 27, 4639-4647.	1.2	0