

Jie Ye

List of Publications by Year in descending order

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papers

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g-index

27
all docs

27
docs citations

27
times ranked

371
citing authors

#	ARTICLE	IF	CITATIONS
1	An LTCL Filter for Three-Phase Grid-Connected Converters. IEEE Transactions on Power Electronics, 2014, 29, 4322-4338.	7.9	180
2	Frequency Adaptive Proportional-Repetitive Control for Grid-Connected Inverters. IEEE Transactions on Industrial Electronics, 2021, 68, 7965-7974.	7.9	34
3	Systematic Design of the Hybrid Damping Method for Three-Phase Inverters With High-Order Filters. IEEE Transactions on Power Electronics, 2018, 33, 4944-4956.	7.9	31
4	Two-Step Continuous-Control Set Model Predictive Current Control Strategy for SPMSM Sensorless Drives. IEEE Transactions on Energy Conversion, 2021, 36, 1110-1120.	5.2	15
5	Switching ripple suppressor design of the grid-connected inverters: A perspective of many-objective optimization with constraints handling. Swarm and Evolutionary Computation, 2019, 44, 293-303.	8.1	14
6	Resonance characteristic analysis and damping control for LCL-filter-based voltage source converter during bus transfer. Electric Power Systems Research, 2017, 150, 144-151.	3.6	10
7	Delay-Dependent MIMO Robust Control for Power Following System of Auxiliary Power Unit in Series Hybrid Electric Vehicles. IEEE Transactions on Vehicular Technology, 2021, 70, 4353-4365.	6.3	10
8	Accurate Harmonic Calculation for Digital SPWM of VSI With Dead-Time Effect. IEEE Transactions on Power Electronics, 2021, 36, 7892-7902.	7.9	10
9	Multi-input model predictive speed control of lean-burn natural gas engine in range-extended electric vehicles. Energy, 2022, 239, 122165.	8.8	9
10	Restart strategy for sensorless PMSM drive system based on zero-voltage vector. IET Electric Power Applications, 2020, 14, 2362-2369.	1.8	6
11	ANN-based Control Method Implemented in a Voltage Source Converter for Industrial Micro-grid. , 2011, , .		5
12	A range-extender engine speed control strategy with generator torque as an auxiliary input. Control Engineering Practice, 2020, 103, 104596.	5.5	5
13	A New Model-Based Dead-Time Compensation Strategy for Cascaded H-Bridge Converters. IEEE Transactions on Industrial Electronics, 2023, 70, 3793-3802.	7.9	5
14	A Real-Time Model Predictive Controller for Power Control in Extended-Range Auxiliary Power Unit. IEEE Transactions on Vehicular Technology, 2021, 70, 11419-11432.	6.3	4
15	An LCPSL filter with multi-tuned traps for grid-connected converters. , 2017, , .		3
16	A Three-Phase Digital Current Controller Using Error-Free Feedback Acquisition With Half Delay. IEEE Transactions on Energy Conversion, 2021, 36, 1660-1672.	5.2	3
17	Echo State Networks Based Method for Harmonic Extraction in Shunt Active Power Filters. , 2011, , .		2
18	Kalman filter based grid impedance estimating for harmonic order scheduling method of active power filter with output LCL filter. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	Adaptive Dual Closed Loop Speed Control with Throttle Valve Dynamics for Natural Gas Engine in Range-Extended Electric Vehicles. International Journal of Automotive Technology, 2020, 21, 1409-1418.	1.4	1
20	Optimal design method for LLCL filters based on NSGA-III. Journal of Power Electronics, 2020, 20, 1250-1260.	1.5	1
21	Sampling-Time Harmonic Calculation of Cascaded H-Bridge Converter Based on Phase-Shifted Carrier Pulsewidth Modulation. , 2021, , .		1
22	Nonlinear Model Predictive Control for Premixed Turbocharged Natural Gas Engine. IEEE/ASME Transactions on Mechatronics, 2022, 27, 3694-3705.	5.8	1
23	Dead Time Adaptive Expansion-Based Sensorless Restart Strategy for Free-Wheeling SPMSM Drives. IEEE Transactions on Industrial Informatics, 2022, , 1-10.	11.3	1
24	Switching harmonic suppression design based on multi-objective optimization algorithm with constraint processing. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2020, 39, 899-913.	0.9	0
25	A Novel Control Method of Air Fuel Ratio for Natural Gas Engine. , 2020, , .		0
26	An Efficient Penalty Coefficient Iterative Algorithm for Power Control of Range Extender With Constraints. IEEE Transactions on Vehicular Technology, 2022, 71, 10458-10470.	6.3	0
27	Harmonic Calculation of Parallel Interleaved Voltage-Source Converters in Digital Systems. , 2022, , .		0