

Shanmei Cheng

List of Publications by Year in descending order

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10
papers

163
citations

1307594

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1372567

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10
all docs

10
docs citations

10
times ranked

209
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust Model Predictive Control With Simplified Repetitive Control for Electrical Machine Drives. IEEE Transactions on Power Electronics, 2019, 34, 4524-4535.	7.9	48
2	Direct torque control of PMSM using sliding mode backstepping control with extended state observer. JVC/Journal of Vibration and Control, 2018, 24, 694-707.	2.6	36
3	FCS-MPC for a single-phase two-stage grid-connected PV inverter. IET Power Electronics, 2019, 12, 915-922.	2.1	25
4	Torque ripple suppression of brushless DC motor drives using an alternating two-phase and three-phase conduction mode. IET Power Electronics, 2020, 13, 1622-1629.	2.1	12
5	Carrier-overlapping PWM-based hybrid current control strategy applied to two-stage grid-connected PV inverter. IET Power Electronics, 2018, 11, 182-191.	2.1	10
6	Optimal two-vector combination-based model predictive current control with compensation for PMSM drives. International Journal of Electronics, 2019, 106, 880-894.	1.4	9
7	Balancing control of neutral-point voltage for three-level T-type inverter based on hybrid variable virtual space vector. IET Power Electronics, 2020, 13, 744-750.	2.1	8
8	Stator flux estimation with vector transforming and signal filtering method for electrical machines. IET Power Electronics, 2018, 11, 357-363.	2.1	5
9	Performance enhancement using durational model predictive control combined with backstepping control and disturbance observer for electrical drives. JVC/Journal of Vibration and Control, 2019, 25, 946-959.	2.6	5
10	A High Efficiency Two-stage Inverter for Photovoltaic Grid-connected Generation Systems. Journal of Power Electronics, 2017, 17, 200-211.	1.5	5