

Paolo Gherardo Carlet

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7614049/publications.pdf>

Version: 2024-02-01

19
papers

397
citations

1478505

6
h-index

1720034

7
g-index

23
all docs

23
docs citations

23
times ranked

250
citing authors

#	ARTICLE	IF	CITATIONS
1	Data-Driven Continuous-Set Predictive Current Control for Synchronous Motor Drives. IEEE Transactions on Power Electronics, 2022, 37, 6637-6646.	7.9	53
2	Fast Solver for Implicit Continuous Set Model Predictive Control of Electric Drives. IEEE Access, 2022, 10, 17430-17440.	4.2	8
3	A Review about Flux-Weakening Operating Limits and Control Techniques for Synchronous Motor Drives. Energies, 2022, 15, 1930.	3.1	8
4	Current Ripple Minimisation in Deadbeat Parameter-Free Predictive Control of Synchronous Motor Drives. IEEE Open Journal of Industry Applications, 2021, 2, 278-288.	6.5	6
5	Digital Twins as Electric Motor Soft-Sensors in the Automotive Industry. , 2021, , .		10
6	Integral Model Predictive Current Control for Synchronous Motor Drives. IEEE Transactions on Power Electronics, 2021, 36, 13293-13303.	7.9	30
7	Motor Parameter-Free Predictive Current Control of Synchronous Motors by Recursive Least-Square Self-Commissioning Model. IEEE Transactions on Industrial Electronics, 2020, 67, 9093-9100.	7.9	74
8	Data-driven predictive current control for synchronous motor drives. , 2020, , .		18
9	MHE-MPC Based Control Architecture of an LCL Filter Grid-Connected PWM Inverter. , 2019, , .		2
10	A Novel Formulation of Continuous Control Set MPC for Induction Motor Drives. , 2019, , .		4
11	An Effective Model-Free Predictive Current Control for Synchronous Reluctance Motor Drives. IEEE Transactions on Industry Applications, 2019, 55, 3781-3790.	4.9	104
12	Fast Moving Horizon Estimator for Induction Motor Sensorless Control. , 2019, , .		2
13	A speed and current cascade Continuous Control Set Model Predictive Control architecture for synchronous motor drives. , 2019, , .		13
14	On-line Continuous Control Set MPC for PMSM drives current loops at high sampling rate using qpOASES. , 2019, , .		21
15	Sensorless control of Interior Permanent Magnet motor using a Moving Horizon Estimator based on a linearized motor model. , 2019, , .		1
16	A Model Predictive Control for Synchronous Motor Drive with Integral Action. , 2018, , .		16
17	Fast and Robust Model Free Predictive Current Control for SynREL Motor Drives. , 2018, , .		5
18	An Effective Ellipse Fitting Technique of the Current Response Locus to Rotating HF Voltage Injection in IPMSM for Sensorless Rotor Position Estimation. , 2018, , .		13

#	ARTICLE	IF	CITATIONS
19	Active-Flux-Based Motion-Sensorless Control of PMSM Using Moving Horizon Estimator. , 2018, , .		9