

Rachid Lajouad

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

220
citations

1162889

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1058333

14
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all docs

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docs citations

20
times ranked

121
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Toward the Optimization of a PMSG Wind Energy Conversion System On-Grid by a Robust Mixed Controller. E3S Web of Conferences, 2022, 336, 00043. | 0.2 | 0 |
| 2 | Adaptive nonlinear observer for wind energy conversion system involving synchronous aero-generator. , 2022, , . | | 0 |
| 3 | Multi-mode control strategy for a stand-alone wind energy conversion system with battery energy storage. Journal of Energy Storage, 2022, 51, 104481. | 3.9 | 23 |
| 4 | Adaptive backstepping controller for DFIG-based wind energy conversion system. , 2021, , 235-260. | | 8 |
| 5 | A non-linear control strategy for a PV conversion system with energy storage. E3S Web of Conferences, 2021, 297, 01023. | 0.2 | 0 |
| 6 | Robust adaptive nonlinear controller of wind energy conversion system based on permanent magnet synchronous generator. , 2021, , 133-159. | | 4 |
| 7 | Novel Nonlinear Control and Optimization Strategies for Hybrid Renewable Energy Conversion System. Modelling and Simulation in Engineering, 2021, 2021, 1-20. | 0.4 | 7 |
| 8 | <scp>Sampled-data</scp> adaptive nonlinear control of shunt power filters. Advanced Control for Applications, 2021, 3, . | 0.8 | 1 |
| 9 | Sampled-data observer design for delayed output-injection state-affine systems. International Journal of Control, 2020, 93, 2949-2959. | 1.2 | 7 |
| 10 | Multi-objective output feedback control strategy for a variable speed wind energy conversion system. International Journal of Electrical Power and Energy Systems, 2020, 121, 106081. | 3.3 | 38 |
| 11 | An adaptive nonlinear observer for sensorless wind energy conversion system with PMSG. Control Engineering Practice, 2020, 98, 104356. | 3.2 | 22 |
| 12 | Output feedback control of wind energy conversion system involving a doubly fed induction generator. Asian Journal of Control, 2019, 21, 2027-2037. | 1.9 | 21 |
| 13 | Nonlinear Control of an Aerogenerator Including DFIG and AC/DC/AC Converters. Lecture Notes in Intelligent Transportation and Infrastructure, 2019, , 1122-1137. | 0.3 | 2 |
| 14 | Reference Speed Optimizer Controller for Maximum Power Tracking in Wind Energy Conversion System Involving DFIG. , 2018, , . | | 4 |
| 15 | A Novel Observer Design for Sensorless Sampled Output Measurement: Application of Variable Speed Doubly Fed Induction Generator. IFAC-PapersOnLine, 2016, 49, 235-240. | 0.5 | 4 |
| 16 | Adaptive Nonlinear Control of Wind Energy Conversion System Involving Induction Generator. Asian Journal of Control, 2015, 17, 1365-1376. | 1.9 | 28 |
| 17 | Adaptive control strategy with flux reference optimization for sensorless induction motors. Control Engineering Practice, 2014, 26, 91-106. | 3.2 | 18 |
| 18 | State Feedback Control Of Wind Energy Conversion System Involving Squirrel Cage Induction Generator. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 299-304. | 0.4 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Output Feedback Control for Induction Machine in Presence of Nonlinear Magnetic Characteristic. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 600-605. | 0.4 | 2 |
| 20 | Towards a global control strategy for induction motor: Speed regulation, flux optimization and power factor correction. International Journal of Electrical Power and Energy Systems, 2012, 43, 230-244. | 3.3 | 21 |