

Ali Bechouche

List of Publications by Year in descending order

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26
papers

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1478505

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times ranked

285
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Grid Voltages Estimation for Three-Phase PWM Rectifiers Control Without AC Voltage Sensors. IEEE Transactions on Power Electronics, 2018, 33, 859-875. | 7.9 | 74 |
| 2 | Virtual Flux Estimation for Sensorless Predictive Control of PWM Rectifiers Under Unbalanced and Distorted Grid Conditions. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 1923-1937. | 5.4 | 26 |
| 3 | Adaptive Neural PLL for Grid-connected DFIG Synchronization. Journal of Power Electronics, 2014, 14, 608-620. | 1.5 | 17 |
| 4 | ADALINE approach for induction motor mechanical parameters identification. Mathematics and Computers in Simulation, 2013, 90, 86-97. | 4.4 | 15 |
| 5 | A Smart Battery Charger Based on a Cascaded Boost-Buck Converter for Photovoltaic Applications. , 2018, , . | | 14 |
| 6 | Adaptive ac filter parameters identification for voltage-oriented control of three-phase voltage-source rectifiers. International Journal of Modelling, Identification and Control, 2015, 24, 319. | 0.2 | 13 |
| 7 | An adaptive neural PLL for grid synchronization. , 2012, , . | | 12 |
| 8 | Estimation of equivalent inductance and resistance for adaptive control of three-phase PWM rectifiers. , 2016, , . | | 11 |
| 9 | Adaptive ac filter parameters identification of three-phase PWM rectifiers. , 2014, , . | | 6 |
| 10 | ADALINE based maximum power point tracking methods for stand-alone PV systems control. , 2018, , . | | 6 |
| 11 | Adaptive neural networks for AC voltage sensorless control of three-phase PWM rectifiers. International Journal of Modelling, Identification and Control, 2019, 31, 139. | 0.2 | 6 |
| 12 | Identification of induction motor at standstill using artificial neural network. , 2010, , . | | 5 |
| 13 | Experimental and predicted XLPE cable insulation properties under UV radiation. Turkish Journal of Electrical Engineering and Computer Sciences, 2020, 28, 1763-1775. | 1.4 | 5 |
| 14 | Predictive direct power control with virtual-flux estimation of three-phase PWM rectifiers under nonideal grid voltages. , 2018, , . | | 4 |
| 15 | AC voltage sensorless control of three-phase PWM rectifiers. , 2015, , . | | 3 |
| 16 | High Performance Control of Single-Phase Full Bridge Inverters Under Linear and Nonlinear Loads. , 2019, , . | | 3 |
| 17 | ADALINE Based MPPT With Indirect Control Mode for Photovoltaic Systems. , 2019, , . | | 2 |
| 18 | Unity Efficiency and Zero-Oscillations Based MPPT for Photovoltaic Systems. Applied Solar Energy (English Translation of Geliotekhnika), 2020, 56, 75-84. | 1.6 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | An Accurate Orthogonal Signal Generator for Voltage Control in Synchronous Reference Frame of Stand-Alone Single-Phase Voltage Source Inverters. <i>European Journal of Electrical Engineering</i> , 2021, 23, 113-122. | 0.3 | 2 |
| 20 | Sensorless predictive control of voltage source inverters for renewable energies integration under unbalanced and distorted grid conditions. <i>Electrical Engineering</i> , 2022, 104, 1781-1796. | 2.0 | 2 |
| 21 | Neural Filter Based Integrator for Virtual Flux Estimation in Direct Power Control of Three-Phase PWM Rectifiers. <i>IFAC-PapersOnLine</i> , 2017, 50, 7013-7018. | 0.9 | 1 |
| 22 | Sensorless virtual-flux based predictive direct power control of three-phase PWM rectifiers. , 2017, , . | | 1 |
| 23 | Improved D-Q Frame Controller for Stand-Alone Single-Phase Inverters. , 2020, , . | | 1 |
| 24 | An Improved Incremental Conductance Based MPPT Algorithm for Photovoltaic Systems. , 2021, , . | | 1 |
| 25 | Adaptive neural networks for AC voltage sensorless control of three-phase PWM rectifiers. <i>International Journal of Modelling, Identification and Control</i> , 2019, 31, 139. | 0.2 | 0 |
| 26 | Unity Efficiency and Low-Cost MPPT Method for Single-Stage Grid-Connected PV System. <i>Lecture Notes in Electrical Engineering</i> , 2020, , 539-552. | 0.4 | 0 |