# Habib Benbouhenni

List of Publications by Year
in descending order

| 35 papers | 436 citations | 759233 12 h-index | 839539 18 g-index |
|---|---|---|---|
| 35 all docs | 35 docs citations | 35 times ranked | 61 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | 24 Sectors DTC Control with Fuzzy Hysteresis Comparators for DFIM Fed by the Three-level NPC Inverter. WSEAS Transactions on Electronics, 2022, 12, 141-154. | 0.5 | 0 |
| 2 | Fractional-order proportional-integral superÂtwisting sliding mode controller for wind energy conversion system equipped with doubly fed induction generator. Journal of Power Electronics, 2022, 22, 1357-1373. | 1.5 | 25 |
| 3 | Application of Fractional-Order PI Controllers and Neuro-Fuzzy PWM Technique to Multi-Rotor Wind Turbine Systems. Electronics (Switzerland), 2022, 11, 1340. | 3.1 | 21 |
| 4 | Simplified Super Twisting Sliding Mode Approaches of the Double-Powered Induction Generator-Based Multi-Rotor Wind Turbine System. Sustainability, 2022, 14, 5014. | 3.2 | 17 |
| 5 | New direct power synergetic-SMC technique based PWM for DFIG integrated to a variable speed dual-rotor wind power. Automatika, 2022, 63, 718-731. | 2.0 | 28 |
| 6 | Direct Power Control Based on Modified Sliding Mode Controller for a Variable-Speed Multi-Rotor Wind Turbine System Using PWM Strategy. Energies, 2022, 15, 3689. | 3.1 | 18 |
| 7 | Feedforward Neural Network-DTC of Multi-phase Permanent Magnet Synchronous Motor Using Five-Phase Neural Space Vector Pulse Width Modulation Strategy. Journal Europeen Des Systemes Automatises, 2021, 54, 345-354. | 0.4 | 7 |
| 8 | A Synergetic Sliding Mode Controller Applied to Direct Field-Oriented Control of Induction Generator-Based Variable Speed Dual-Rotor Wind Turbines. Energies, 2021, 14, 4437. | 3.1 | 42 |
| 9 | Terminal Synergetic Control for Direct Active and Reactive Powers in Asynchronous Generator-Based Dual-Rotor Wind Power Systems. Electronics (Switzerland), 2021, 10, 1880. | 3.1 | 36 |
| 10 | Third-Order Sliding Mode Applied to the Direct Field-Oriented Control of the Asynchronous Generator for Variable-Speed Contra-Rotating Wind Turbine Generation Systems. Energies, 2021, 14, 5877. | 3.1 | 31 |
| 11 | Advanced Direct Vector Control Method for Optimizing the Operation of a Double-Powered Induction Generator-Based Dual-Rotor Wind Turbine System. Mathematics, 2021, 9, 2403. | 2.2 | 19 |
| 12 | Application of DPC and DPC-GA to the dual-rotor wind turbine system with DFIG. IAES International Journal of Robotics and Automation, 2021, 10, 224. | 0.3 | 7 |
| 13 | Improved Rotor Flux and Torque Control Based on the Third-Order Sliding Mode Scheme Applied to the Asynchronous Generator for the Single-Rotor Wind Turbine. Mathematics, 2021, 9, 2297. | 2.2 | 32 |
| 14 | ANFIS-sliding mode control of a DFIG supplied by a two-level SVPWM technique for wind energy conversion system. International Journal of Applied Power Engineering (IJAPE), 2020, 9, 36. | 0.2 | 10 |
| 15 | DPC Based on ANFIS Super-Twisting Sliding Mode Algorithm of a Doubly-Fed Induction Generator for Wind Energy System. Journal Europeen Des Systemes Automatises, 2020, 53, 69-80. | 0.4 | 15 |
| 16 | Direct Torque Fuzzy Controlled Drive for Multi-phase IPMSM Based on SVM Technique. Journal Europeen Des Systemes Automatises, 2020, 53, 259-266. | 0.4 | 5 |
| 17 | Power Control of DFIG in WECS Using DPC and NDPC-NPWM Methods. Mathematical Modelling of Engineering Problems, 2020, 7, 223-236. | 0.5 | 14 |
| 18 | Twelve Sectors DPC Control Based on Neural Hysteresis Comparators of the DFIG Integrated to Wind Power. Tecnica Italiana, 2020, 64, 347-353. | 0.2 | 7 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Using Four-Level NSVM Technique to Improve DVC Control of a DFIG Based Wind Turbine Systems. Periodica Polytechnica Electrical Engineering and Computer Science, 2019, 63, 144-150. | 1.0 | 11 |
| 20 | Intelligent SVM technique of a multi-level inverter for a DFIG-based wind turbine system. International Journal of Digital Signals and Smart Systems, 2019, 3, 4. | 0.2 | 4 |
| 21 | A comparison study between fuzzy PWM and SVM inverter in NSMC control of stator active and reactive power control of a DFIG based wind turbine systems. International Journal of Applied Power Engineering (IJAPE), 2019, 8, 78. | 0.2 | 14 |
| 22 | A Novel Switching Tables of Twelve Sectors DTC for Induction Machine Drive Using Artificial Neural Networks. Automation Control and Intelligent Systems, 2019, 7, 1. | 0.2 | 3 |
| 23 | Seven-level NPC Inverter-based Neuronal Direct Torque Control of the PMSM Drives with Regulation Speed Using Neural PI Controller. International Journal of Intelligent Information Systems, 2019, 8, 85. | 0.4 | 7 |
| 24 | FPWM TECHNIQUE BASED CONVERTER FOR IM DRIVES. Acta Electrotechnica Et Informatica, 2019, 19, 32-41. | 0.3 | 2 |
| 25 | Higher Control Scheme Using Neural Second Order Sliding Mode and ANFIS-SVM strategy for a DFIG-Based Wind Turbine. International Journal of Advances in Telecommunications, Electrotechnics, Signals and Systems, 2019, 8, 17. | 0.2 | 6 |
| 26 | STATOR ACTIVE AND REACTIVE POWER RIPPLES MINIMIZATION FOR DVC CONTROL OF DFIG BY USING FIVE-LEVEL NEURAL SPACE VECTOR MODULATION. Acta Electrotechnica Et Informatica, 2019, 19, 16-23. | 0.3 | 3 |
| 27 | A comparative study between NSMC and NSOSMC strategy for a DFIG integrated into wind energy system. Carpathian Journal of Electronic and Computer Engineering, 2019, 12, 1-8. | 0.9 | 4 |
| 28 | Comparison study between SVPWM and FSVPWM strategy in fuzzy second order sliding mode control of a DFIG-based wind turbine. Carpathian Journal of Electronic and Computer Engineering, 2019, 12, 1-10. | 0.9 | 11 |
| 29 | A novel matlab/simulink model of DFIG drive using NSMC method with NSVM strategy. International Journal of Applied Power Engineering (IJAPE), 2019, 8, 221. | 0.2 | 5 |
| 30 | Direct vector command based on three-level NSVM of a doubly fed induction generator for wind energy conversion. , 2018, , . | | 4 |
| 31 | Two-level DTC based on ANN controller of DFIG using 7-level hysteresis command to reduce flux ripple comparing with traditional command. , 2018, , . | | 10 |
| 32 | IMPROVED SWITCHING SELECTION FOR DTC OF INDUCTION MOTOR DRIVE USING ARTIFICIAL NEURAL NETWORKS. Acta Electrotechnica Et Informatica, 2018, 18, 26-34. | 0.3 | 3 |
| 33 | FIVE-LEVEL DTC WITH 12 SECTORS OF INDUCTION MOTOR DRIVE USING NEURAL NETWORKS CONTROLLER FOR LOW TORQUE RIPPLE. Acta Electrotechnica Et Informatica, 2018, 18, 61-66. | 0.3 | 5 |
| 34 | A comparative study between four-level NSVM and three-level NSVM technique for a DFIG-based WECSs controlled by indirect vector control. Carpathian Journal of Electronic and Computer Engineering, 2018, 11, 13-19. | 0.9 | 9 |
| 35 | Speed Regulator and Hysteresis Based on Artificial Intelligence Techniques of Three-Level DTC for Induction Motor. Acta Electrotechnica Et Informatica, 2017, 17, 50-56. | 0.3 | 1 |