# Haitham A Abu-Rub

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 446 papers | 16,751 citations | 22153<br>59 h-index | 20961<br>115 g-index |
| 500 all docs | 500 docs citations | 500 times ranked | 9861 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Rank-Based Predictive Control for Community Microgrids With Dynamic Topology and Multiple Points of Common Coupling. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2022, 3, 144-155. | 3.9 | 9 |
| 2 | Single-Phase Grid-Interactive Inverter With Resonance Suppression Based on Adaptive Predictive Control in Weak Grid Condition. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2022, 3, 809-820. | 3.9 | 10 |
| 3 | Generalized Predictive Direct Power Control With Constant Switching Frequency for Multilevel Four-Leg Grid Connected Converter. IEEE Transactions on Power Electronics, 2022, 37, 6625-6636. | 7.9 | 10 |
| 4 | Enhanced Deadbeat Control Approach for Grid-Tied Multilevel Flying Capacitors Inverter. IEEE Access, 2022, 10, 16720-16728. | 4.2 | 6 |
| 5 | A simplified sliding€mode control method for multi€level transformerless DVR. IET Power Electronics, 2022, 15, 764-774. | 2.1 | 5 |
| 6 | A Coplanar Waveguide Based Antenna for Partial Discharge Detection in Gas-insulated Switchgear. , 2022, , . | | 0 |
| 7 | Design and Dynamic Assessment of Model Predictive Control for Grid-Forming Inverters in AC Microgrid. , 2022, , . | | 5 |
| 8 | Coordinated Power Reserve Control of PV Sources For Frequency Restoration in Power Electronics Dominated Grid. , 2022, , . | | 5 |
| 9 | Predictive Voltage and Frequency Restoration for Decentralized FCS-MPC based Droop Controlled DGs in AC Microgrids. , 2022, , . | | 5 |
| 10 | Intrusion Detection Method Based on SMOTE Transformation for Smart Grid Cybersecurity. , 2022, , . | | 8 |
| 11 | Simplified Predictive Direct Power Control of Three-Phase Three-Level Four-Leg Grid Connected NPC Converter. IEEE Open Journal of the Industrial Electronics Society, 2022, 3, 448-459. | 6.8 | 7 |
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| 13 | On Stability of PV Clusters With Distributed Power Reserve Capability. IEEE Transactions on Industrial Electronics, 2021, 68, 3928-3938. | 7.9 | 19 |
| 14 | Characterization of Defects Inside the Cable Dielectric With Partial Discharge Modeling. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11. | 4.7 | 15 |
| 15 | A novel stacked generalization ensemble-based hybrid LGBM-XGB-MLP model for Short-Term Load Forecasting. Energy, 2021, 214, 118874. | 8.8 | 179 |
| 16 | Smart Grid Big Data Analytics: Survey of Technologies, Techniques, and Applications. IEEE Access, 2021, 9, 59564-59585. | 4.2 | 67 |
| 17 | Novel Level-Shifted PWM Technique for Equal Power Sharing Among Quasi-Z-Source Modules in Cascaded Multilevel Inverter. IEEE Transactions on Power Electronics, 2021, 36, 4766-4777. | 7.9 | 21 |
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| 26 | Accurate Smart-Grid Stability Forecasting Based on Deep Learning: Point and Interval Estimation Method. , 2021, , . | | 12 |
| 27 | An Effective Ensemble Learning approach-Based Grid Stability Assessment and Classification. , 2021, , . | | 10 |
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| 29 | Virtual Inertia Emulation Inspired Predictive Control to Improve Frequency Stability in Power Electronics Dominated Grid. , 2021, , . | | 5 |
| 30 | An Effective Sliding Mode PWM Control for The PUC5 Inverter. , 2021, , . | | 0 |
| 31 | Model Predictive Control for Black Start of Connected Communities via Autonomous Indexing. , 2021, , . | | 5 |
| 32 | Real-Time Implementation of an Optimized Model Predictive Control for a 9-Level CSC Inverter in Grid-Connected Mode. Sustainability, 2021, 13, 8119. | 3.2 | 11 |
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