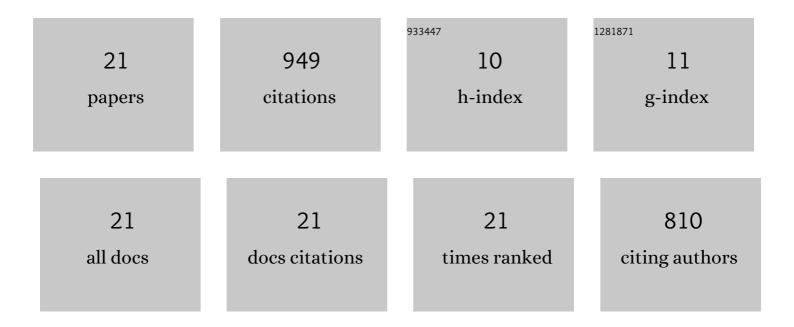
Amir Farakhor

List of Publications by Year in descending order

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4

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A Novel High Step-up DC/DC Converter Based on Integrating Coupled Inductor and Switched-Capacitor Techniques for Renewable Energy Applications. IEEE Transactions on Power Electronics, 2015, 30, 4255-4263. | 7.9 | 307 |
| 2 | Nonâ€isolated multiâ€input–singleâ€output DC/DC converter for photovoltaic power generation systems. IET Power Electronics, 2014, 7, 2806-2816. | 2.1 | 175 |
| 3 | Analysis and implementation of a new singleâ€switch buck–boost DC/DC converter. IET Power Electronics, 2014, 7, 1906-1914. | 2.1 | 88 |
| 4 | Design, analysis and implementation of a buck–boost DC/DC converter. IET Power Electronics, 2014, 7, 2902-2913. | 2.1 | 75 |
| 5 | Symmetric and asymmetric transformer based cascaded multilevel inverter with minimum number of components. IET Power Electronics, 2015, 8, 1052-1060. | 2.1 | 73 |
| 6 | Study on the derivation of the continuous input current highâ€voltage gain DC/DC converters. IET Power Electronics, 2018, 11, 1652-1660. | 2.1 | 32 |
| 7 | Minimisations of total harmonic distortion in cascaded transformers multilevel inverter by modifying turn ratios of the transformers and input voltage regulation. IET Power Electronics, 2014, 7, 2687-2694. | 2.1 | 29 |
| 8 | Design, analysis, and implementation of a multiport DC–DC converter for renewable energy applications. IET Power Electronics, 2019, 12, 465-475. | 2.1 | 29 |
| 9 | A new low cost cascaded transformer multilevel inverter topology using minimum number of components with modified selective harmonic elimination modulation. Ain Shams Engineering Journal, 2015, 6, 67-73. | 6.1 | 28 |
| 10 | Novel algorithm of maximum power point tracking (MPPT) for variable speed PMSG wind generation systems through model predictive control. , 2013, , . | | 26 |
| 11 | Novel algorithm of MPPT for PV array based on variable step Newton-Raphson method through model predictive control. , 2013, , . | | 22 |
| 12 | A Two-Stage Coupled-Inductor-Based Cascaded DC-DC Converter with a High Voltage Gain. , 2019, , . | | 18 |
| 13 | A Study on an Improved Three-Winding Coupled Inductor Based DC/DC Boost Converter with Continuous Input Current. Energies, 2020, 13, 1780. | 3.1 | 15 |
| 14 | A New Coupled Inductor-Based High Step-Up DC-DC Converter for PV Applications. , 2019, , . | | 8 |
| 15 | New cascaded multilevel inverter topology with reduced number of switches and sources. , 2013, , . | | 7 |
| 16 | Analysis and design procedure of a novel high voltage gain DC/DC boost converter. , 2017, , . | | 6 |
| 17 | Design optimization of a ''{C}uk DC/DC converter based on reliability constraints. Turkish Journal of Electrical Engineering and Computer Sciences, 2017, 25, 1932-1945. | 1.4 | 4 |
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A Novel Modular, Reconfigurable Battery Energy Storage System Design. , 2021, , .

| # | Article | IF | CITATIONS |
|----|--|----|-----------|
| 19 | Application of Finite Control Set Model based Predictive method for power flow control using Unified Power Flow Controller. , 2015, , . | | 1 |
| 20 | Impact of active network management in operation of Tabriz distribution system. , 2015, , . | | 1 |
| 21 | Dynamic Modeling and Online Parameter Identification of a Coupled-Inductor-Based DC-DC Converter with Leakage Inductance Effect Consideration. , 2021, , . | | 1 |