

# Mojtaba Forouzesh

## List of Publications by Year in descending order

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29  
papers

2,469  
citations

840776

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docs citations

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times ranked

1625  
citing authors

#	ARTICLE	IF	CITATIONS
1	Switched-Capacitor Multilevel Inverters: A Comprehensive Review. IEEE Transactions on Power Electronics, 2022, 37, 11209-11243.	7.9	71
2	A Novel Soft-Switched Three-Phase Three-Wire Isolated AC-DC Converter With Power Factor Correction. , 2022, , .		0
3	Full Soft-Switching Ultra-High Gain DC/DC Converter Using Three-Winding Coupled-Inductor. , 2021, , .		6
4	A Single-Stage Multi-Port Buck-Boost Inverter. IEEE Transactions on Power Electronics, 2021, 36, 7769-7782.	7.9	22
5	Interleaved LCLC Resonant Converter With Precise Current Balancing Over a Wide Input Voltage Range. IEEE Transactions on Power Electronics, 2021, 36, 10330-10342.	7.9	13
6	A New High-Gain, High-Efficiency SEPIC-Based DCâ€“DC Converter for Renewable Energy Applications. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2021, 2, 567-578.	3.9	42
7	A Novel Full Soft-Switching High-Gain DC/DC Converter Based on Three-Winding Coupled-Inductor. IEEE Transactions on Power Electronics, 2021, 36, 12656-12669.	7.9	38
8	Implementation of an Isolated Phase-Modular-Designed Three-Phase PFC Rectifier Based on Single-Stage LLC Converter. , 2021, , .		5
9	Transformerless Inverter Topologies for Single-Phase Photovoltaic Systems: A Comparative Review. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 805-835.	5.4	248
10	Switched Capacitor Integrated $(2n + 1)$ -Level Step-Up Single-Phase Inverter. IEEE Transactions on Power Electronics, 2020, 35, 8248-8260.	7.9	75
11	Current Sharing Analysis of Interleaved LCLC Resonant Converter. , 2020, , .		1
12	A Novel Single-Phase Flying-Inductor Buck-Boost Inverter. , 2019, , .		5
13	Analysis and design of an energy regenerative snubber for magnetically coupled impedance source converters. , 2018, , .		11
14	High-Efficiency High Step-Up DCâ€“DC Converter With Dual Coupled Inductors for Grid-Connected Photovoltaic Systems. IEEE Transactions on Power Electronics, 2018, 33, 5967-5982.	7.9	323
15	A Classification of Single-Phase Transformerless Inverter Topologies for Photovoltaic Applications. , 2018, , .		4
16	Novel High Efficiency H-Bridge Transformerless Inverter for Grid-Connected Single-Phase Photovoltaic Systems. , 2018, , .		10
17	Single-Phase Switched-Capacitor Integrated-Boost Five-level Inverter. , 2018, , .		7
18	Average Current-Mode Control of PWM A-Source Converter. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	Power Electronics Converters”An Overview. , 2018, , 3-29.		15
20	Step-Up DC”DC Converters: A Comprehensive Review of Voltage-Boosting Techniques, Topologies, and Applications. IEEE Transactions on Power Electronics, 2017, 32, 9143-9178.	7.9	1,348
21	Single”switch high step”up converter based on coupled inductor and switched capacitor techniques with quasi”resonant operation. IET Power Electronics, 2017, 10, 240-250.	2.1	94
22	A new soft-switched high step-up DC-DC converter with dual coupled inductors. , 2017, , .		4
23	A survey on voltage boosting techniques for step-up DC-DC converters. , 2016, , .		26
24	Galvanically isolated high gain Y”source DC”DC converters for dispersed power generation. IET Power Electronics, 2016, 9, 1192-1203.	2.1	77
25	A novel single switch high gain DC-DC converter employing coupled inductor and diode capacitor. , 2016, , .		6
26	AC small signal modeling of PWM Y-source converter by circuit averaging and averaged switch modeling technique. , 2016, , .		1
27	High voltage gain Y-source based isolated DC-DC converter with continuous input current. , 2015, , .		7
28	A novel high voltage gain DC-DC converter with reduced components voltage stress. , 2015, , .		2
29	Improved Y-source inverter for distributed power generation. , 2015, , .		8