

Sayyed Mohammad Mehdi Mirtalaei

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A ZVS high step-up converter based on an integrated boost-cuk topology. Electrical Engineering, 2022, 104, 807-816.	2.0	5
2	A ZVT Bidirectional Converter With Coupled-Filter-Inductor and Elimination of Input Current Notches. IEEE Transactions on Industrial Electronics, 2020, 67, 7461-7469.	7.9	14
3	High Step-Up Boost-Fly-Back Converter with Soft Switching for Photovoltaic Applications. Journal of Circuits, Systems and Computers, 2019, 28, 1950014.	1.5	7
4	A high step-up DCâ€“DC soft-switched converter using coupled inductor and switched capacitor. International Journal of Electronics Letters, 2018, 6, 260-271.	1.2	5
5	Design and improvement of a soft switching high stepâ€“up boost converter with voltage multiplier. IET Power Electronics, 2017, 10, 2163-2169.	2.1	6
6	A Combined Method-of-Moments and Near-Field Measurements for EMI Evaluation of Switched-Mode Power Supplies. IEEE Transactions on Industrial Electronics, 2014, 61, 1811-1818.	7.9	13
7	Radiated emission determination from near field measurements for EMI evaluation of switch mode power supplies components by method of moments. , 2013, , .		4
8	Simplified Design and Optimization of Slotless Brushless DC Machine for Micro-Satellites Electro-Mechanical Batteries. Journal of Electrical Engineering and Technology, 2013, 8, 124-129.	2.0	4
9	Theoretical Analysis of Rotating Hollow Cylinder's Vibrations. Energy Procedia, 2011, 12, 1023-1031.	1.8	1
10	Determination of aggregated load power consumption, under non-sinusoidal supply using an improved load model. Energy Conversion and Management, 2009, 50, 1563-1569.	9.2	3
11	A novel sensorless control strategy for BLDC motor drives using a fuzzy logic-based neural network observer. , 2008, , .		12
12	A novel sensorless control strategy for brushless DC motor drive based on fuzzy logic observer. , 2007, , .		1
13	An improved direct torque control scheme for a matrix converter-fed induction motor. , 2007, , .		2