

Ehsan Abbasi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

8

papers

50

citations

5

h-index

7

g-index

8

ext. papers

116

ext. citations

2.5

avg, IF

3.15

L-index

#	Paper	IF	Citations
8	New transformer-less DCDC converter topologies with reduced voltage stress on capacitors and increased voltage conversion ratio. <i>IET Power Electronics</i> , 2021 , 14, 1173-1192	2.2	3
7	A new transformer-less step-up DCDC converter with high voltage gain and reduced voltage stress on switched-capacitors and power switches for renewable energy source applications. <i>IET Power Electronics</i> , 2021 , 14, 1347-1359	2.2	2
6	Design and Analysis of a High-Gain Step-Up/Down Modular DCDC Converter with Continuous Input Current and Decreased Voltage Stress on Power Switches and Switched-Capacitors. <i>Sustainability</i> , 2021 , 13, 5243	3.6	2
5	Single and multi-objective optimal power flow using a new differential-based harmony search algorithm. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021 , 12, 851-871	3.7	16
4	New family of expandable step-up/-down DC-DC converters with increased voltage gain and decreased voltage stress on capacitors. <i>International Transactions on Electrical Energy Systems</i> , 2020 , 30, e12252	2.2	9
3	New DTR line selection method in a power system comprising DTR, ESS, and RES for increasing RES integration and minimising load shedding. <i>IET Generation, Transmission and Distribution</i> , 2020 , 14, 6319-6329	2.5	5
2	A Zeta-based switched-capacitor DC-DC converter topology. <i>International Journal of Circuit Theory and Applications</i> , 2019 , 47, 1302	2	7
1	A zero-current switching switched-capacitor DC-DC converter with reduction in cost, complexity, and size. <i>International Journal of Circuit Theory and Applications</i> , 2019 , 47, 1630-1644	2	6