

# Martin H L Chow

## List of Publications by Year in descending order

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20  
papers

524  
citations

758635

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1199166

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g-index

20  
all docs

20  
docs citations

20  
times ranked

412  
citing authors

#	ARTICLE	IF	CITATIONS
1	On lossless switched-capacitor power converters. IEEE Transactions on Power Electronics, 1995, 10, 286-291.	5.4	127
2	Single-stage single-switch isolated PFC regulator with unity power factor, fast transient response, and low-voltage stress. IEEE Transactions on Power Electronics, 2000, 15, 156-163.	5.4	67
3	New single-stage PFC regulator using the Sheppard-Taylor topology. IEEE Transactions on Power Electronics, 1998, 13, 842-851.	5.4	57
4	A novel method for elimination of line-current harmonics in single-stage PFC switching regulators. IEEE Transactions on Power Electronics, 1998, 13, 75-83.	5.4	45
5	Practical Design and Evaluation of a 1 kW PFC Power Supply Based on Reduced Redundant Power Processing Principle. IEEE Transactions on Industrial Electronics, 2008, 55, 665-673.	5.2	41
6	Design and Performance Considerations of PFC Switching Regulators Based on Noncascading Structures. IEEE Transactions on Industrial Electronics, 2010, 57, 3730-3745.	5.2	32
7	An Alternative Approach to LED Driver Design Based on High-Voltage Driving. IEEE Transactions on Power Electronics, 2016, 31, 2465-2475.	5.4	32
8	Independent Control of Multicolor-Multistring LED Lighting Systems With Fully Switched-Capacitor-Controlled $\$LCC\$$ Resonant Network. IEEE Transactions on Power Electronics, 2018, 33, 4293-4305.	5.4	28
9	Application of duality principle to synthesis of single-stage power-factor-correction voltage regulators. International Journal of Circuit Theory and Applications, 2003, 31, 555-570.	1.3	23
10	Control of bifurcation in current-programmed dc/dc converters: An alternative viewpoint of ramp compensation. Circuits, Systems, and Signal Processing, 2001, 20, 695-707.	1.2	19
11	Accurate Capacitive Current Balancing in Multistring LED Lighting Systems Based on Switched-Capacitor-Controlled $\$LCC\$$ Resonant Network. IEEE Transactions on Power Electronics, 2017, 32, 2167-2179.	5.4	16
12	A Four-Phase Forward Converter Using an Integrated Transformer. IEEE Transactions on Industrial Electronics, 2008, 55, 817-831.	5.2	15
13	Design of AC voltage sag compensators. , 2009, , .		7
14	An analog implementation to improve load transient response of PFC pre-regulators. , 2007, , .		5
15	Design of a 1 kW PFC Power Supply Based on Reduced Redundant Power Processing Principle. , 0, , .		3
16	Performance Considerations of PFC Switching Regulators Based on Non-Cascading Structures. , 0, , .		3
17	Diode Rectifiers. , 2011, , 149-181.		3
18	Innovative Use of Building Reinforced Steel Bars to Transmit Signals Within a Building. , 2006, , .		1

#	ARTICLE	IF	CITATIONS
19	Performance Considerations of PFC Switching Regulators Based on Non-Cascading Structures. , 2006, , ·		0
20	Diode Rectifiers. , 2007, , 145-177.		0