

# Yong-Nong Chang

## List of Publications by Year in descending order

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32  
papers

174  
citations

1684188  
5  
h-index

1125743  
13  
g-index

32  
all docs

32  
docs citations

32  
times ranked

214  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive backstepping control for permanent magnet linear synchronous motor servo drive. IET Electric Power Applications, 2015, 9, 265-279.	1.8	66
2	An Interleaved Flyback-Typed LED Driver With ZVS and Energy Recovery of Leakage Inductance. IEEE Transactions on Power Electronics, 2019, 34, 4497-4508.	7.9	20
3	A Novel High-Power-Factor AC/DC LED Driver With Dual Flyback Converters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2019, 7, 555-564.	5.4	14
4	Backstepping direct thrust force control for sensorless PMLSM drive. IET Electric Power Applications, 2019, 13, 322-331.	1.8	11
5	An Interleaved DC/DC Converter with Soft-switching Characteristic and high Step-up Ratio. Applied Sciences (Switzerland), 2020, 10, 2167.	2.5	6
6	Design of a Bidirectional CL3C Full-Bridge Resonant Converter for Battery Energy Storage Systems. Energies, 2022, 15, 412.	3.1	6
7	Design of High Efficiency Illumination for LED Lighting. International Journal of Photoenergy, 2013, 2013, 1-8.	2.5	5
8	Design of Electronic Ballast for Short-Arc Xenon Lamp with Interleaved Half-Wave Rectifier. IEEE Transactions on Power Electronics, 2015, , 1-1.	7.9	5
9	An LED Driver with Wide Operation Range for Automotive Lighting. , 2019, , .		5
10	Cubic Composite Sensor with Photodiodes for Tracking Solar Orientation. Journal of Nanomaterials, 2013, 2013, 1-7.	2.7	4
11	An electric circuit model of photovoltaic panel with power electronic converter. , 2016, , .		4
12	A Single-Stage High-Power Factor Converter with Synchronized Self-Excited Technique for LED Lighting. Applied Sciences (Switzerland), 2018, 8, 1408.	2.5	4
13	Design of an Isolated Bidirectional Symmetric Resonant Converter. Applied Sciences (Switzerland), 2020, 10, 8144.	2.5	4
14	Self-Excited Single-Stage Power Factor Correction Driving Circuit for LED Lighting. Journal of Nanomaterials, 2014, 2014, 1-8.	2.7	3
15	A Novel Single-Switch Single-Stage LED Driver with Power Factor Correction and Current Balancing Capability. Electronics (Switzerland), 2021, 10, 1340.	3.1	3
16	A novel interleaved flyback-typed converter with ZVS operation. , 2016, , .		2
17	An AC/DC LED Driver with Unity Power Factor and Soft Switching. Applied Sciences (Switzerland), 2018, 8, 780.	2.5	2
18	An SOS Observer-Based Sensorless Control for PMLSM Drive System. Journal of Control, Automation and Electrical Systems, 2020, 31, 760-776.	2.0	2

#	ARTICLE	IF	CITATIONS
19	A Price-Based Unit Commitment Model Considering Uncertainties. , 2005, , .		1
20	Design of active balance circuit for lithium battery pack. , 2013, , .		1
21	A high-power-factor LED driver with zero-voltage switching-on characteristics. , 2013, , .		1
22	The optimized capacity for Lithium battery balance charging/discharging strategy. , 2014, , .		1
23	A single-stage high power-factor lithium battery charger having Reflex charging mechanism. , 2017, , .		1
24	Design and Implementation of Interleaved Boost Converters Featuring ZVS. , 2019, , .		1
25	A High-Power-Factor Dimmable LED Driver with Integrated Boost Converter and Half-Bridge-Topology Converter. Applied Sciences (Switzerland), 2020, 10, 2775.	2.5	1
26	Position Sensorless Control of PMLSM by Sum-of-Squares Approach. IEEJ Journal of Industry Applications, 2022, 11, 437-446.	1.1	1
27	The estimation of interharmonics by group frequencies. , 0, , .		0
28	Turbine-generator blade and shaft torisonal torques due to line faults in six-phase transmission systems evolved from three-phase double-circuit line systems. , 2009, , .		0
29	Analysis and design of a single-switch HPF AC/DC converter for driving power LEDs. , 2013, , .		0
30	A Single-Switch High-Voltage Lamp Tester for Cold Cathode Fluorescent Lamps. IEEE Transactions on Plasma Science, 2013, 41, 199-206.	1.3	0
31	An LFPWM dimmed LED driver featuring high power factor. , 2015, , .		0
32	A high <sc>powerâ€¢factor lithiumâ€¢ion</sc> battery charger with <sc>seriesâ€¢input parallelâ€¢output</sc> dual bridgeless <sc>singleâ€¢stage</sc> resonant conversion circuit. International Transactions on Electrical Energy Systems, 2021, 31, e12892.	1.9	0