Albert Ting Leung Lee

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8939358/publications.pdf

Version: 2024-02-01

24	457	933447	839539
papers	citations	10	18
		h-index	g-index

24	24	24	469
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single-Inductor Multiple-Output (SIMO) Buck Hybrid Converter for Simultaneous Wireless and Wired Power Transfer. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 2163-2177.	5.4	7
2	Precise Luminous Flux and Color Control of Dimmable Red-Green-Blue Light-Emitting Diode Systems. IEEE Transactions on Power Electronics, 2022, 37, 588-606.	7.9	6
3	Highly Efficient Wireless Power Transfer System With Single-Switch Step-Up Resonant Inverter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 1157-1168.	5.4	8
4	Highly Efficient Single-Switch-Regulated Resonant Wireless Power Receiver With Hybrid Modulation. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 3770-3780.	5.4	3
5	New Dynamic Photo-Electro-Thermal Modeling of Light-Emitting Diodes With Phosphor Coating as Light Converterâ€”Part II: Model Parameter Determination and Practical Verification. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 780-793.	5.4	9
6	New Dynamic Photo-Electro-Thermal Modeling of Light-Emitting Diodes With Phosphor Coating as Light Converter Part I: Theory, Analysis, and Modeling. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 771-779.	5.4	13
7	InGaN RGB Light-Emitting Diodes With Monolithically Integrated Photodetectors for Stabilizing Color Chromaticity. IEEE Transactions on Industrial Electronics, 2020, 67, 5154-5160.	7.9	29
8	A Direct AC-AC Single-Inductor Multiple-Output (SIMO) Converter for Multi-Coil Wireless Power Transfer Applications. , 2020, , .		2
9	Single-Inductor Multiple-Output Inverter With Precise and Independent Output Voltage Regulation. IEEE Transactions on Power Electronics, 2020, 35, 11222-11234.	7.9	3
10	Electrical and Thermal Effects of Light-Emitting Diodes on Signal-to-Noise Ratio in Visible Light Communication. IEEE Transactions on Industrial Electronics, 2019, 66, 2785-2794.	7.9	10
11	Buck-Boost Single-Inductor Multiple-Output High-Frequency Inverters for Medium-Power Wireless Power Transfer. IEEE Transactions on Power Electronics, 2019, 34, 3457-3473.	7.9	16
12	Power Loss Analysis of a Back-to-Back Switching Single-Inductor Multiple-Output Inverter. , 2019, , .		3
13	A Gallium Nitride (GaN)-Based Single-Inductor Multiple-Output (SIMO) Inverter With Multi-Frequency AC Outputs. IEEE Transactions on Power Electronics, 2019, 34, 10856-10873.	7.9	18
14	Dynamic Optical Power Measurements and Modeling of Light-Emitting Diodes Based on a Photodetector System and Photo-Electro-Thermal Theory. IEEE Transactions on Power Electronics, 2019, 34, 10058-10068.	7.9	10
15	Plug-and-Play Voltage Ripple Mitigator for DC Links in Hybrid ACâ€“DC Power Grids With Local Bus-Voltage Control. IEEE Transactions on Industrial Electronics, 2018, 65, 687-698.	7.9	51
16	Low-Power Multichannel Wireless Transmitter. IEEE Transactions on Power Electronics, 2018, 33, 5016-5028.	7.9	16
17	Precise Color Control of Red-Green-Blue Light-Emitting Diode Systems. IEEE Transactions on Power Electronics, 2017, 32, 3063-3074.	7.9	13
18	Precise and full-range dimming control for an offline single-inductor-multiple-output LED driver. , 2016, , .		3

#	Article	IF	Citations
19	A plug-and-play ripple mitigation approach for DC-links in hybrid systems. , 2016, , .		15
20	Single-Stage AC/DC Single-Inductor Multiple-Output LED Drivers. IEEE Transactions on Power Electronics, 2016, 31, 5837-5850.	7.9	67
21	Precise Dimming and Color Control of LED Systems Based on Color Mixing. IEEE Transactions on Power Electronics, 2016, 31, 65-80.	7.9	68
22	Non-linear feedback control of robust bi-color LED lighting. , 2015, , .		1
23	Scalability of Quasi-Hysteretic FSM-Based Digitally Controlled Single-Inductor Dual-String Buck LED Driver to Multiple Strings. IEEE Transactions on Power Electronics, 2014, 29, 501-513.	7.9	78
24	Adaptive prediction in digitally controlled buck converter with fast load transient response. , 2012, , .		8