

Daniel L Gerber

List of Publications by Year in descending order

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270
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#	ARTICLE	IF	CITATIONS
1	Energy and power quality measurement for electrical distribution in AC and DC microgrid buildings. Applied Energy, 2022, 308, 118308.	10.1	17
2	Adoption Pathways for DC Power Distribution in Buildings. Energies, 2022, 15, 786.	3.1	17
3	A Comprehensive Loss Model and Comparison of AC and DC Boost Converters. Energies, 2021, 14, 3131.	3.1	3
4	Endpoint Use Efficiency Comparison for AC and DC Power Distribution in Commercial Buildings. Energies, 2021, 14, 5863.	3.1	4
5	An Integrated Multilevel Converter With Sigma-Delta Control for LED Lighting. IEEE Transactions on Power Electronics, 2019, 34, 3030-3040.	7.9	11
6	Emerging Zero-Standby Solutions for Miscellaneous Electric Loads and the Internet of Things. Electronics (Switzerland), 2019, 8, 570.	3.1	16
7	Energy-saving opportunities of direct-DC loads in buildings. Applied Energy, 2019, 248, 274-287.	10.1	37
8	AC vs. DC Boost Converters: A Detailed Conduction Loss Comparison. , 2019, , .		2
9	A simulation-based efficiency comparison of AC and DC power distribution networks in commercial buildings. Applied Energy, 2018, 210, 1167-1187.	10.1	126
10	Zero Standby Solutions with Optical Energy Harvesting from a Laser Pointer. Electronics (Switzerland), 2018, 7, 292.	3.1	10
11	Techno-economic analysis of DC power distribution in commercial buildings. Applied Energy, 2018, 230, 663-678.	10.1	45
12	Reconfigurable Hybrid-Switched-Capacitor-Resonant LED Driver for Multiple Mains Voltages. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 1871-1883.	5.4	13
13	An integrated multilevel converter with sigma delta control for LED lighting. , 2017, , .		4
14	A simulation based comparison of AC and DC power distribution networks in buildings. , 2017, , .		18
15	A stackable switched-capacitor DC/DC converter IC for LED drivers with 90% efficiency. , 2013, , .		11