

Oscar Lopez Lapeña

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

500
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

558
citing authors

#	ARTICLE	IF	CITATIONS
1	A New MPPT Method for Low-Power Solar Energy Harvesting. IEEE Transactions on Industrial Electronics, 2010, 57, 3129-3138.	7.9	164
2	Current Distribution Control Design for Paralleled DC/DC Converters Using Sliding-Mode Control. IEEE Transactions on Industrial Electronics, 2004, 51, 419-428.	7.9	71
3	A Closed-Loop Maximum Power Point Tracker for Subwatt Photovoltaic Panels. IEEE Transactions on Industrial Electronics, 2012, 59, 1588-1596.	7.9	61
4	On the design of sliding mode control schemes for quantum resonant converters. IEEE Transactions on Power Electronics, 2000, 15, 960-973.	7.9	46
5	Low-Power Direct Resistive Sensor-to-Microcontroller Interfaces. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 222-230.	4.7	37
6	Sliding-mode-control design of a high-power-factor buck-boost rectifier. IEEE Transactions on Industrial Electronics, 1999, 46, 604-612.	7.9	35
7	Low-power FOCV MPPT controller with automatic adjustment of the sample&hold. Electronics Letters, 2012, 48, 1301.	1.0	26
8	Time-Division Multiplexing Control of Multi-Input Converters for Low-Power Solar Energy Harvesters. IEEE Transactions on Industrial Electronics, 2018, 65, 9668-9676.	7.9	20
9	Solar energy radiation measurement with a low-power solar energy harvester. Computers and Electronics in Agriculture, 2018, 151, 150-155.	7.7	19
10	Calibration-less direct capacitor-to-microcontroller interface. Electronics Letters, 2016, 52, 289-291.	1.0	13
11	Averaged large-signal model of quantum series-parallel resonant converter. Electronics Letters, 1999, 35, 686.	1.0	6
12	Intelligent composting assisted by a wireless sensing network. Waste Management, 2014, 34, 738-746.	7.4	2