

JosÃ© Ignacio Artigas

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

316
citations

1040056

9
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

297
citing authors

#	ARTICLE	IF	CITATIONS
1	Synchronous FPGA-Based High-Resolution Implementations of Digital Pulse-Width Modulators. IEEE Transactions on Power Electronics, 2012, 27, 2515-2525.	7.9	62
2	FPGA-Based Power Measuring for Induction Heating Appliances Using Sigma-Delta A/D Conversion. IEEE Transactions on Industrial Electronics, 2007, 54, 1843-1852.	7.9	57
3	FPGA-Based Test-Bench for Resonant Inverter Load Characterization. IEEE Transactions on Industrial Informatics, 2013, 9, 1645-1654.	11.3	47
4	Power Measurement by Output-Current Integration in Series Resonant Inverters. IEEE Transactions on Industrial Electronics, 2009, 56, 559-567.	7.9	33
5	Vessel Recognition in Induction Heating Appliances—A Deep-Learning Approach. IEEE Access, 2021, 9, 16053-16061.	4.2	22
6	Reduced-Order Models of Series Resonant Inverters in Induction Heating Applications. IEEE Transactions on Power Electronics, 2017, 32, 2300-2311.	7.9	20
7	SoC-Based In-Cycle Load Identification of Induction Heating Appliances. IEEE Transactions on Industrial Electronics, 2021, 68, 6762-6772.	7.9	15
8	AMI and Deployment Considerations in AAL Services Provision for Elderly Independent Living: The MonAMI Project. Sensors, 2013, 13, 8950-8976.	3.8	13
9	Analysis of the Acoustic Noise Spectrum of Domestic Induction Heating Systems Controlled by Phase-Accumulator Modulators. IEEE Transactions on Industrial Electronics, 2019, 66, 5929-5938.	7.9	9
10	Teaching digital electronics courses using high-level synthesis tools. , 2013, , .		8
11	Fast power-frequency function estimation for induction heating appliances. Electronics Letters, 2017, 53, 498-500.	1.0	6
12	FPGA-based digital control implementation of a power converter for teaching purposes. , 2011, , .		4
13	AAL Platform with a De Facto-Standard Communication Interface (TICO): Training in Home Control in Special Education. Sensors, 2017, 17, 2320.	3.8	4
14	Cognitive Accessibility and Support in Special Education. Sensors, 2021, 21, 4871.	3.8	4
15	A Multi-Collaborative Ambient Assisted Living Service Description Tool. Sensors, 2014, 14, 9776-9812.	3.8	3
16	Time Orientation Technologies in Special Education. Sensors, 2019, 19, 2571.	3.8	3
17	Conductance Control for Electromagnetic-Compatible Induction Heating Appliances. IEEE Transactions on Power Electronics, 2022, 37, 2909-2920.	7.9	3
18	An Amplifier-Less Acquisition Chain for Power Measurements in Series Resonant Inverters. Sensors, 2019, 19, 4343.	3.8	2

#	ARTICLE	IF	CITATIONS
19	Power estimation for dual half-bridge inverter with common resonant capacitor. IET Power Electronics, 2020, 13, 1267-1274.	2.1	1
20	MonAMI: Mainstream on Ambient Intelligence. Scaled Field Trial Experience in a Spanish Geriatric Residence. Lecture Notes in Computer Science, 2012, , 119-126.	1.3	0