MÂªJosÃ© Canet Subiela

List of Publications by Year
in descending order

17 papers	115 citations	1478505 6 h-index	1281871 11 g-index
17 all docs	17 docs citations	17 times ranked	100 citing authors

#	Article	IF	Citations
1	Linear Response Modeling of High Luminous Flux Phosphor-Coated White LEDs for VLC. Journal of Lightwave Technology, 2022, 40, 3761-3767.	4.6	6
2	On the Performance and Power Consumption of Bias-T Based Drivers for High Speed VLC. Journal of Lightwave Technology, 2022, 40, 6078-6086.	4.6	3
3	Helping Pregraduate Students Reach Deep Understanding of the Second Law of Thermodynamics. Education Sciences, 2021, 11, 539.	2.6	2
4	Low Complexity System on Chip Design to Acquire Signals from MOS Gas Sensor Applications. Sensors, 2021, 21, 6552.	3.8	2
5	A Test Vector Generation Method Based on Symbol Error Probabilities for Low-Complexity Chase Soft-Decision Reedâ€“Solomon Decoding. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 2198-2207.	5.4	5
6	Soft-Decision Low-Complexity Chase Decoders for the RS(255,239) Code. Electronics (Switzerland), 2019, 8, 10.	3.1	5
7	Optimised CORDICâ€based atan2 computation for FPGA implementations. Electronics Letters, 2017, 53, 1296-1298.	1.0	6
8	Reduced-Complexity Nonbinary LDPC Decoder for High-Order Galois Fields Based on Trellis Minâ€“Max Algorithm. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2016, 24, 2643-2653.	3.1	28
9	High-Performance NB-LDPC Decoder With Reduction of Message Exchange. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2016, 24, 1950-1961.	3.1	17
10	Nonbinary LDPC Decoder Based on Simplified Enhanced Generalized Bit-Flipping Algorithm. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2014, 22, 1455-1459.	3.1	4
11	Serial Symbol-Reliability Based Algorithm for Decoding Non-Binary LDPC Codes. IEEE Communications Letters, 2012, 16, 909-912.	4.1	9
12	Decoder for an enhanced serial generalized bit flipping algorithm. , 2012, , .		4
13	Low Complexity Time Synchronization Algorithm for OFDM Systems with Repetitive Preambles. Journal of Signal Processing Systems, 2012, 68, 287-301.	2.1	5
14	FPGA implementation of an OFDM-based WLAN receiver. Microprocessors and Microsystems, 2012, 36, 232-244.	2.8	17
15	Improved Sliced Message Passing Architecture for High Throughput Decoding of LDPC Codes. Journal of Signal Processing Systems, 2012, 66, 99-104.	2.1	2
16	POWER CONSUMPTION REDUCTION IN A VITERBI DECODER FOR OFDM-WLAN. Journal of Circuits, Systems and Computers, 2009, 18, 1333-1337.	1.5	0
17	Reduction of power consumption in a Viterbi Decoder for OFDM-WLAN. , 2007, , .		0