Christophe Layer

List of Publications by Year in descending order

14	62	2682572	2917675
papers	**citations**	2	2
		h-index	**g-index**

14	14	14	64
all docs	**docs citations**	**times ranked**	**citing authors**

#	Article	IF	Citations
1	A joint reflectometry-optimization algorithm for mapping the topology of an unknown wire network. , 2017, , .		11
2	Area and Throughput Aware Comparator Networks Optimization for Parallel Data Processing on FPGA. , 2007, , .		8
3	The POWER7 Binary Floating-Point Unit. , 2011, , .		8
4	Refresh frequency reduction of data stored in SSDs based on A-timer and timestamps. , 2017, , .		7
5	Using quadrature modulation for precise fault location over wired communication channels. , 2017, , .		6
6	Reducing System Power Consumption Using Check-Pointing on Nonvolatile Embedded Magnetic Random Access Memories. ACM Journal on Emerging Technologies in Computing Systems, 2016, 12, 1-24.	2.3	4
7	Automated phase offset correction using reflectometry in fault detection systems. , 2017, , .		4
8	Microsecond intermittent fault detection for wire and connector defect prognostics. , 2017, , .		3
9	Enhancing the Spatial Resolution for Wire Fault Detection Systems Using Multi-Carrier Signals. IEEE Sensors Journal, 2018, 18, 9857-9866.	4.7	3
10	Low-power hybrid STT/CMOS system-on-chip embedding non-volatile magnetic memory blocks. , 2015, , .		2
11	Hybrid STT/CMOS Design of an Interrupt Based Instant On/Off Mechanism for Low-Power SoC. , 2015, , .		2
12	Compressed signal acquisition in wire diagnostic. , 2017, , .		2
13	Nonvolatile runtime-reconfigurable FPGA secured through MRAM-based periodic refresh. , 2013, , .		1
14	On the phase analysis of multi-carrier signals for high-precision fault detection by reflectometry. , 2017, , .		1