Xiao Zhang

List of Publications by Year
in descending order

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14 papers	244 citations	1937685 4 h-index	2272923 4 g-index
14 all docs	14 docs citations	14 times ranked	197 citing authors

#	Article	IF	Citations
1	Machine Learning Based Bearing Fault Diagnosis Using the Case Western Reserve University Data: A Review. IEEE Access, 2021, 9, 155598-155608.	4.2	46
2	A big data framework for spacecraft prognostics and health monitoring. , 2017, , .		2
3	REVIEW OF PAPER-LIKE DISPLAY TECHNOLOGIES (Invited Review). Progress in Electromagnetics Research, 2014, 147, 95-116.	4.4	71
4	Microfluidics for electronic paper-like displays. Lab on A Chip, 2014, 14, 2374-2384.	6.0	47
5	Power-dissipation comparison of two dependability approaches for multi-processor systems. , 2013, , .		2
6	A Dependability Solution for Homogeneous MPSoCs. , 2011, , .		3
7	CRISP: Cutting Edge Reconfigurable ICs for Stream Processing. , 2011, , 211-237.		18
8	Design of an Infrastructural IP Dependability Manager for a Dependable Reconfigurable Many-Core Processor. , 2010, , .		14
9	On-chip Scan-Based Test Strategy for a Dependable Many-Core Processor Using a NoC as a Test Access Mechanism. , 2010, , .		8
10	Fault co-simulation for test evaluation of heterogeneous integrated biological systems. Microelectronics Journal, 2009, 40, 1048-1053.	2.0	4
11	Design of a Highly Dependable Beamforming Chip. , 2009, , .		10
12	A droplet routing technique for fault-tolerant digital microfluidic devices. , 2008, , .		4
13	Built-In Self-Diagnostics for a NoC-Based Reconfigurable IC for Dependable Beamforming Applications. , 2008, , .		11
14	A Reflective Display Technology Based on Electrofluidics. Applied Mechanics and Materials, 0, 670-671, 976-981.	0.2	4