Stefano Di Pascoli

List of Publications by Year
in descending order

19 papers	396 citations	8 h-index 1163117	18 g-index 839539
19 all docs	19 docs citations	19 times ranked	539 citing authors

#	Article	IF	Citations
1	Low-Power Wearable ECG Monitoring System for Multiple-Patient Remote Monitoring. IEEE Sensors Journal, 2016, 16, 5452-5462.	4.7	184
2	Natural gas, cars and the environment. A (relatively) â€˜cleanâ€™ and cheap fuel looking for users. Ecological Economics, 2001, 38, 179-189.	5.7	63
3	Simple model for positive-feedback adiabatic logic power consumption estimation. Electronics Letters, 2000, 36, 116.	1.0	29
4	Derailment Detection and Data Collection in Freight Trains, Based on a Wireless Sensor Network. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 1977-1987.	4.7	21
5	Four-phase power clock generator for adiabatic logic circuits. Electronics Letters, 2002, 38, 689.	1.0	20
6	Thermal analysis of insulated metal substrates for automotive electronic assemblies. Microelectronics Journal, 1999, 30, 1129-1135.	2.0	18
7	A comparison of some circuit schemes for semi-reversible adiabatic logic. International Journal of Electronics, 2002, 89, 147-158.	1.4	10
8	Design and Implementation of a Wireless In-Ovo EEG/EMG Recorder. IEEE Transactions on Biomedical Circuits and Systems, 2013, 7, 832-840.	4.0	9
9	Temperature coefficient of resistance fluctuations during electromigration in Al lines. Microelectronics Reliability, 1997, 37, 77-85.	1.7	7
10	Design of a nanopower current reference with reduced process variability. Analog Integrated Circuits and Signal Processing, 2013, 77, 45-53.	1.4	6
11	Monte Carlo simulation of electromigration in polycrystalline metal stripes. Semiconductor Science and Technology, 2000, 15, 608-612.	2.0	5
12	Base coupled differential amplifier: a new topology for RF integrated LNA. International Journal of Circuit Theory and Applications, 2003, 31, 351-360.	2.0	5
13	Variabilityâ€aware design of a bandgap voltage reference with 0.18% standard deviation and 68ÂnW power consumption. International Journal of Circuit Theory and Applications, 2018, 46, 1985-1999.	2.0	5
14	Low-voltage nanopower clock generator for RFID applications. Microelectronics Journal, 2008, 39, 1736-1739.	2.0	4
15	Fundamental limits to power consumption of LC subthreshold oscillators. Electronics Letters, 2008, 44, 13.	1.0	4
16	Three-Dimensional Simulations of Quantum Confinement and Random Dopants Effects in Nanoscale nMOSFETs. Journal of Computational and Theoretical Nanoscience, 2008, 5, 1115-1119.	0.4	3
17	Noise and reliability in simulated thin metal films. Microelectronics Reliability, 2008, 48, 1015-1020.	1.7	2
18	Simulation of electromigration noise in polycrystalline metal stripes. Microelectronics Reliability, 2000, 40, 1955-1958.	1.7	1

#	ARTICLE	IF	CITATIONS
19	Simulation of failure time distributions of metal lines under electromigration. Microelectronics Reliability, 2002, 42, 1469-1472.	1.7	0