

Marc Pastre

List of Publications by Year in descending order

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18
papers

285
citations

1478505

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1720034

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g-index

18
all docs

18
docs citations

18
times ranked

183
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous High-Speed High-Resolution Nanomechanical Mass Sensing. IEEE Sensors Journal, 2014, 14, 2488-2489.	4.7	5
2	On-chip mass sensing at the physical limits of nanoelectromechanical systems. , 2013, , .		1
3	Robust control of oscillating NEMS sensors. , 2013, , .		0
4	High-Speed Power System Transient Stability Simulation Using Highly Dedicated Hardware. IEEE Transactions on Power Systems, 2013, 28, 4218-4227.	6.5	35
5	A Fully Integrated Hall Sensor Microsystem for Contactless Current Measurement. IEEE Sensors Journal, 2013, 13, 2271-2278.	4.7	63
6	A self-regulating oscillator for sensor operation of nanoelectromechanical systems. , 2013, , .		3
7	System-Level Design Considerations for Carbon Nanotube Electromechanical Resonators. Journal of Sensors, 2013, 2013, 1-12.	1.1	0
8	A Hall sensor microsystem with continuous gain calibration using fully integrated references. , 2012, , .		7
9	A Hall sensor microsystem with integrated voltage and current references for continuous sensitivity calibration. , 2012, , .		3
10	A fully integrated Hall sensor microsystem for contactless current measurement. , 2012, , .		35
11	A current-mode back-end for a sensor microsystem. , 2011, , .		9
12	A fully integrated Hall sensor microsystem with current-mode output. , 2011, , .		0
13	Global Modeling Strategy of Parasitic Coupled Currents Induced by Minority-Carrier Propagation in Semiconductor Substrates. IEEE Transactions on Electron Devices, 2010, 57, 263-272.	3.0	35
14	An internally non-linear ADC for a ΣΔ accelerometer loop. , 2010, , .		3
15	A Circuit-Level Substrate Current Model for Smart-Power ICs. IEEE Transactions on Power Electronics, 2010, 25, 2433-2439.	7.9	12
16	A fully integrated solar battery charger. , 2009, , .		6
17	A Hall Sensor Analog Front End for Current Measurement With Continuous Gain Calibration. IEEE Sensors Journal, 2007, 7, 860-867.	4.7	50
18	PAD: A New Interactive Knowledge-Based Analog Design Approach. Analog Integrated Circuits and Signal Processing, 2005, 42, 291-299.	1.4	18