

SÃ©bastien Saez

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

255
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

220
citing authors

#	ARTICLE	IF	CITATIONS
1	Equivalent Magnetic Noise Limit of Low-Cost GMI Magnetometer. IEEE Sensors Journal, 2009, 9, 159-168.	4.7	67
2	Characterization of an Optimized Off-Diagonal GMI-Based Magnetometer. IEEE Sensors Journal, 2013, 13, 379-388.	4.7	58
3	Analysis of Noise in Magnetolectric Thin-Layer Composites Used as Magnetic Sensors. IEEE Sensors Journal, 2011, 11, 2183-2188.	4.7	34
4	Eddy-Current Nondestructive Testing Using an Improved GMR Magnetometer and a Single Wire as Inducer: A FEM Performance Analysis. IEEE Transactions on Magnetics, 2010, 46, 3731-3737.	2.1	33
5	Impact of Electronic Conditioning on the Noise Performance of a Two-Port Network Giant MagnetImpedance Magnetometer. IEEE Sensors Journal, 2011, 11, 1317-1324.	4.7	23
6	Noise Behavior of High Sensitive GMI-Based Magnetometer Relative to Conditioning Parameters. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	15
7	Is Low Frequency Excess Noise of GMI Induced by Magnetization Fluctuations?. Key Engineering Materials, 2014, 605, 437-440.	0.4	11
8	Theoretical and Experimental Investigation of Temperature-Compensated off-diagonal GMI Magnetometer and its long-term Stability. IEEE Sensors Journal, 2020, , 1-1.	4.7	6
9	Piezoelectric aluminum nitride resonator for oscillator. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2010, 57, 513-517.	3.0	4
10	Sensitivity and Noise of a Magnetic Field Sensor Based on Magnetostatic Spin Wave YIG Device and Its Integrated Electronics. IEEE Sensors Journal, 2020, 20, 14148-14156.	4.7	4