

# Frédéric Lafon

## List of Publications by Year in descending order

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21  
papers

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1163117

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docs citations

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times ranked

153  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of Equivalent Coupling Surface of Ferrite Beads and related Filter Design Stakes for Multi-Sourcing. , 2022, , .		0
2	Impact of Field Polarization on Radiated Emission Characterization in an Open TEM Cell. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 6595-6602.	4.7	6
3	Frequency-domain simulation of power electronic systems based on multi-topology equivalent sources modelling method. , 2020, , .		0
4	Accurate Analytical Prediction of EMI Filter Attenuation by Considering Intercomponent Coupling Phenomena. IEEE Transactions on Electromagnetic Compatibility, 2019, 61, 1042-1051.	2.2	5
5	Determination of Equivalent Coupling Surface of Passive Components Using the TEM Cell. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 298-309.	2.2	13
6	Determination of the coupling model of common mode chokes using a TEM cell. , 2017, , .		3
7	Identification and Study of Influential Parameters in CISPR25 Radiated Emissions Test Setup by Interlaboratory Measurements and 3-D Simulation Combined Analysis. IEEE Transactions on Electromagnetic Compatibility, 2016, 58, 1398-1406.	2.2	3
8	A New Methodology to Predict the Magnetic Shielding Effectiveness of Enclosures at Low Frequency in the Near Field. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	36
9	Radiated emissions modelling from near-field data - toward international standards. , 2015, , .		6
10	Magnetic Shielding Effectiveness of Enclosures in Near Field at Low Frequency for Automotive Applications. IEEE Transactions on Electromagnetic Compatibility, 2015, 57, 1481-1490.	2.2	29
11	Pspice libraries development for EMC analysis. , 2015, , .		2
12	Investigation on dispersions between CISPR25 chambers for radiated emissions below 100 MHz. , 2014, , .		14
13	ESD performance analysis of automotive application based on improved Integrated Circuit ESD model. , 2014, , .		3
14	Prediction of the shielding effectiveness at low frequency in near magnetic field. EPJ Applied Physics, 2014, 66, 10904.	0.7	9
15	An Original Approach Based on Data Exchange Between Car Manufacturers and Suppliers to Estimate Susceptibility Threshold by Numerical Simulation at Early Design Stage. IEEE Transactions on Electromagnetic Compatibility, 2013, 55, 342-352.	2.2	12
16	Design of a 20 GHz DPI method for SOIC8. , 2012, , .		7
17	Modeling Methodology of Automotive Electronic Equipment Assessed on a Realistic Subsystem. IEEE Transactions on Electromagnetic Compatibility, 2012, 54, 1222-1233.	2.2	13
18	Immunity Modeling of Integrated Circuits: An Industrial Case. IEICE Transactions on Communications, 2010, E93.B, 1723-1730.	0.7	24

#	ARTICLE	IF	CITATIONS
19	Modelling Approaches Taking into Account the Vehicle's Environment in the Development of Embedded RF Receivers. , 2009, , .		3
20	Modeling IC Snapback Characteristics Under Electrostatic Discharge Stress. IEEE Transactions on Electromagnetic Compatibility, 2009, 51, 901-908.	2.2	11
21	GTEM cell facility use during project development phases for automotive. Microelectronics Journal, 2004, 35, 563-569.	2.0	0