

Frédéric Lafon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3876349/publications.pdf>

Version: 2024-02-01

21
papers

199
citations

1163117

8
h-index

1281871

11
g-index

21
all docs

21
docs citations

21
times ranked

153
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Immunity Modeling of Integrated Circuits: An Industrial Case. IEICE Transactions on Communications, 2010, E93.B, 1723-1730. | 0.7 | 24 |
| 4 | Investigation on dispersions between CISPR25 chambers for radiated emissions below 100 MHz. , 2014, , . | | 14 |
| 5 | Modeling Methodology of Automotive Electronic Equipment Assessed on a Realistic Subsystem. IEEE Transactions on Electromagnetic Compatibility, 2012, 54, 1222-1233. | 2.2 | 13 |
| 6 | Determination of Equivalent Coupling Surface of Passive Components Using the TEM Cell. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 298-309. | 2.2 | 13 |
| 7 | 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 |
| 8 | Modeling IC Snapback Characteristics Under Electrostatic Discharge Stress. IEEE Transactions on Electromagnetic Compatibility, 2009, 51, 901-908. | 2.2 | 11 |
| 9 | Prediction of the shielding effectiveness at low frequency in near magnetic field. EPJ Applied Physics, 2014, 66, 10904. | 0.7 | 9 |
| 10 | Design of a 20 GHz DPI method for SOIC8. , 2012, , . | | 7 |
| 11 | Radiated emissions modelling from near-field data - toward international standards. , 2015, , . | | 6 |
| 12 | 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 |
| 13 | Accurate Analytical Prediction of EMI Filter Attenuation by Considering Intercomponent Coupling Phenomena. IEEE Transactions on Electromagnetic Compatibility, 2019, 61, 1042-1051. | 2.2 | 5 |
| 14 | Modelling Approaches Taking into Account the Vehicle's Environment in the Development of Embedded RF Receivers. , 2009, , . | | 3 |
| 15 | ESD performance analysis of automotive application based on improved Integrated Circuit ESD model. , 2014, , . | | 3 |
| 16 | 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 |
| 17 | Determination of the coupling model of common mode chokes using a TEM cell. , 2017, , . | | 3 |
| 18 | Pspice libraries development for EMC analysis. , 2015, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | GTEM cell facility use during project development phases for automotive. Microelectronics Journal, 2004, 35, 563-569. | 2.0 | 0 |
| 20 | Frequency-domain simulation of power electronic systems based on multi-topology equivalent sources modelling method. , 2020, , . | | 0 |
| 21 | Determination of Equivalent Coupling Surface of Ferrite Beads and related Filter Design Stakes for Multi-Sourcing. , 2022, , . | | 0 |