

Guillaume Andrieu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7071485/publications.pdf>

Version: 2024-02-01

53
papers

399
citations

840119

11
h-index

839053

18
g-index

53
all docs

53
docs citations

53
times ranked

201
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiconductor Reduction Technique for Modeling Common-Mode Currents on Cable Bundles at High Frequency for Automotive Applications. IEEE Transactions on Electromagnetic Compatibility, 2008, 50, 175-184.	1.4	55
2	On the Low-Frequency Optimization of Reverberation Chambers. IEEE Transactions on Electromagnetic Compatibility, 2014, 56, 266-275.	1.4	45
3	Extension of the "Equivalent Cable Bundle Method" for Modeling Electromagnetic Emissions of Complex Cable Bundles. IEEE Transactions on Electromagnetic Compatibility, 2009, 51, 108-118.	1.4	39
4	Fast and Accurate Assessment of the "Well Stirred Condition" of a Reverberation Chamber From S_{11} Measurements. IEEE Transactions on Electromagnetic Compatibility, 2019, 61, 974-982.	1.4	29
5	An Efficient Analytical Method for Electromagnetic Field to Transmission Line Coupling Into a Rectangular Enclosure Excited by an Internal Source. IEEE Transactions on Electromagnetic Compatibility, 2015, 57, 565-573.	1.4	25
6	Homogenization of Composite Panels From a Near-Field Magnetic Shielding Effectiveness Measurement. IEEE Transactions on Electromagnetic Compatibility, 2012, 54, 700-703.	1.4	20
7	Antenna Radiation Pattern Measurement in a Reverberating Enclosure Using the Time-Gating Technique. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 183-187.	2.4	17
8	Performance Comparison and Critical Examination of the Most Popular Stirring Techniques in Reverberation Chambers Using the "Well-Stirred" Condition Method. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 3-15.	1.4	16
9	Complete Framework for Frequency and Time-Domain Performance Assessment of Vibrating Intrinsic Reverberation Chambers. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 1911-1920.	1.4	15
10	Investigations about the Use of Aeronautical Metallic Halls Containing Apertures as Mode-Stirred Reverberation Chambers. IEEE Transactions on Electromagnetic Compatibility, 2013, 55, 13-20.	1.4	12
11	Monostatic Radar Cross-Section Estimation of Canonical Targets in Reverberating Room Using Time-Gating Technique. , 2018, , .		12
12	High-Frequency BCI-Like Tests With a Stripline Injection Probe. IEEE Transactions on Electromagnetic Compatibility, 2016, 58, 393-400.	1.4	11
13	The EOLES project remote labs across the mediterranean. , 2014, , .		7
14	EOLES course the first accredited on-line degree course in electronics and optics for embedded systems. , 2015, , .		7
15	Transfer Impedance Measurement of Shielded Cables Through Localized Injection. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 1018-1021.	1.4	7
16	The EOLES project. , 2014, , .		6
17	A Numerical Methodology for the Prediction of the Near-Field Parasitic Electromagnetic Emissions of Solar Panels. IEEE Transactions on Electromagnetic Compatibility, 2009, 51, 919-927.	1.4	5
18	On the Application of the "Equivalent Cable Bundle Method" to Cable Bundles in Presence of Complex Ground Structures. IEEE Transactions on Electromagnetic Compatibility, 2013, 55, 798-801.	1.4	5

#	ARTICLE	IF	CITATIONS
19	On the Risk to Declare EMC Compliant a Faulty EUT During Radiated Susceptibility Tests in Reverberation Chambers. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 645-653.	1.4	5
20	Low-frequency characterization of composite panels from a near-field magnetic shielding effectiveness measurement. , 2011, , .		4
21	Multi-User and Real-Time Flexible Remote Laboratory Architecture for Collaborative and Cooperative Pedagogical Scenarios. International Journal of Online Engineering, 2016, 12, 33.	0.5	4
22	Calibration of reverberation chambers from S<inf>21</inf> measurements. , 2017, , .		4
23	Doppler Spectrum Analysis for the Prediction of Rotating Mode Stirrer Performances in Reverberation Chamber. IEEE Transactions on Electromagnetic Compatibility, 2019, 61, 1408-1413.	1.4	4
24	â€œVirtualâ€•Signal Integrity Test on Shielded/Unshielded Twisted-Wire Pairs Using the Bulk Current Injection Setup. IEEE Transactions on Electromagnetic Compatibility, 2021, 63, 1357-1365.	1.4	4
25	Susceptibility of printed circuit boards in complex electromagnetic environment. , 2008, , .		3
26	Influence of a stirrer on the cavity modes within a reverberation chamber. , 2012, , .		3
27	Stripline injection cell for high frequency BCI tests. , 2015, , .		3
28	Wideband Optimization Process for EM Characterization of Low-Losses Dielectric and Dispersive Materials in a Quasi-TEM Cell. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 866-875.	2.4	3
29	Radiated Susceptibility Tests in Thermal Vacuum Chambers Working as Reverberation Chambers. , 2018, , .		3
30	COMBINING E-TECHNOLOGIES & E-PEDAGOGIES TO CREATE ONLINE UNDERGRADUATE COURSES IN ENGINEERING â€• AN EXAMPLE OF A SUCCESSFUL EXPERIENCE. EDULEARN Proceedings, 2016, , .	0.0	3
31	e-LIVES â€• Extending e-Engineering Along the South and Eastern Mediterranean Basin. Lecture Notes in Networks and Systems, 2019, , 244-251.	0.5	3
32	Discussions about Automotive Application of the "Equivalent Cable Bundle Method" in the High Frequency Domain. , 2009, , .		2
33	Determination of the “Quasi-Ideal Reverberation Chamber Minimal Frequency” according to loading. , 2013, , .		2
34	Improvements of a Numerical Methodology for Computing Near-Field Parasitic Electromagnetic Emissions of Solar Panels. IEEE Transactions on Electromagnetic Compatibility, 2014, 56, 792-799.	1.4	2
35	Analytical model for the assessment of Doppler spectrum of rotating objects. , 2017, , .		2
36	On the Possible Benefits of Inserting Metallic Diffractors to Improve Low Frequency Performance of Reverberation Chambers. IEEE Transactions on Electromagnetic Compatibility, 2021, 63, 304-307.	1.4	2

#	ARTICLE	IF	CITATIONS
37	Remote Laboratory Implementation for the Study of Transmission Lines. , 2021, , .		2
38	New Strategy for Remote Practical Works in Power Electronics for Embedded Systems: Application in EOLES European Project. Advances in Intelligent Systems and Computing, 2018, , 149-158.	0.5	2
39	A reduction modeling method to assess the electromagnetic emission of multiconductor transmission lines. Comptes Rendus Physique, 2009, 10, 83-90.	0.3	1
40	Calibration of reverberation chambers from S<inf>11</inf> measurements. , 2017, , .		1
41	The e-LIVES Project: e-Engineering Where and When Students Need. , 2019, , .		1
42	Improvement of Performances of a Reverberation Chamber with Fixed Metallic Spheres Using the "Well-Stirred" Condition Method. , 2019, , .		1
43	e-Engineering: Remote Labs in an Electronics and Optics e-Learning for Embedded Systems Course. , 2019, , .		1
44	Risk to Declare EMC Compliant a Faulty EUT During Radiated Susceptibility Tests Performed in an Undermoded Reverberation Chamber. IEEE Transactions on Electromagnetic Compatibility, 2021, 63, 365-374.	1.4	1
45	Influence of apertures on the electromagnetic field behaviour within aeronautical metallic halls used as reverberation chambers. , 2011, , .		0
46	Actual antenna radiation pattern measurements in reverberation chamber. , 2014, , .		0
47	Time-domain assessment of the unstirred rays in reverberation chambers. , 2014, , .		0
48	EOLES project...teaching unit experiences. , 2015, , .		0
49	Investigations on the use of a stripline injection probe for BCI-like tests on multiconductor transmission lines. , 2016, , .		0
50	Experimental validation of a statistical model of a wiring system in a reverberant room. , 2017, , .		0
51	Implementation and Validation of a new Strategy of Online Practical Works of Power Electronics for Embedded Systems. International Journal of Online Engineering, 2017, 13, 29.	0.5	0
52	Application of the Power Balance Method in a System of Nested and Oversized Cavities. , 2019, , .		0
53	"Virtual" Signal Integrity Test on High-Speed Ethernet Cables in a Reverberation Chamber. , 2020, , .		0