# Guillaume Andrieu

List of Publications by Year
in descending order



| 53 | 399 | 840119 11 | 839053 18 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 53 | 53 | 53 | 201 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | Remote Laboratory Implementation for the Study of Transmission Lines. , 2021, , . | | 2 |
| 5 | Performance Comparison and Critical Examination of the Most Popular Stirring Techniques in Reverberation Chambers Using the â€œWell-Stirredâ€•Condition Method. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 3-15. | 1.4 | 16 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | "Virtual" Signal Integrity Test on High-Speed Ethernet Cables in a Reverberation Chamber. , 2020, , . | | 0 |
| 10 | Application of the Power Balance Method in a System of Nested and Oversized Cavities. , 2019, , . | | 0 |
| 11 | The e-LIVES Project: e-Engineering Where and When Students Need. , 2019, , . | | 1 |
| 12 | Improvement of Performances of a Reverberation Chamber with Fixed Metallic Spheres Using the "Well-Stirred" Condition Method. , 2019, , . | | 1 |
| 13 | e-Engineering: Remote Labs in an Electronics and Optics e-Learning for Embedded Systems Course. , 2019, , . | | 1 |
| 14 | 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 |
| 15 | Fast and Accurate Assessment of the â€œWell Stirred Conditionâ€•of a Reverberation Chamber From $S_{11}$ Measurements. IEEE Transactions on Electromagnetic Compatibility, 2019, 61, 974-982. | 1.4 | 29 |
| 16 | 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 |
| 17 | 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 |
| 18 | Transfer Impedance Measurement of Shielded Cables Through Localized Injection. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 1018-1021. | 1.4 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Radiated Susceptibility Tests in Thermal Vacuum Chambers Working as Reverberation Chambers. , 2018, , . | | 3 |
| 20 | Monostatic Radar Cross-Section Estimation of Canonical Targets in Reverberating Room Using Time-Gating Technique. , 2018, , . | | 12 |
| 21 | 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 |
| 22 | Experimental validation of a statistical model of a wiring system in a reverberant room. , 2017, , . | | 0 |
| 23 | Calibration of reverberation chambers from S<inf>11</inf> measurements. , 2017, , . | | 1 |
| 24 | Analytical model for the assessment of Doppler spectrum of rotating objects. , 2017, , . | | 2 |
| 25 | Calibration of reverberation chambers from S<inf>21</inf> measurements. , 2017, , . | | 4 |
| 26 | 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 |
| 27 | 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 |
| 28 | Investigations on the use of a stripline injection probe for BCI-like tests on multiconductor transmission lines. , 2016, , . | | 0 |
| 29 | High-Frequency BCI-Like Tests With a Stripline Injection Probe. IEEE Transactions on Electromagnetic Compatibility, 2016, 58, 393-400. | 1.4 | 11 |
| 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 | Stripline injection cell for high frequency BCI tests. , 2015, , . | | 3 |
| 32 | EOLES project...teaching unit experiences. , 2015, , . | | 0 |
| 33 | 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 |
| 34 | EOLES course the first accredited on-line degree course in electronics and optics for embedded systems. , 2015, , . | | 7 |
| 35 | Actual antenna radiation pattern measurements in reverberation chamber. , 2014, , . | | 0 |
| 36 | Time-domain assessment of the unstirred rays in reverberation chambers. , 2014, , . | | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | The EOLES project remote labs across the mediterranean. , 2014, , . | | 7 |
| 38 | On the Low-Frequency Optimization of Reverberation Chambers. IEEE Transactions on Electromagnetic Compatibility, 2014, 56, 266-275. | 1.4 | 45 |
| 39 | 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 |
| 40 | The EOLES project. , 2014, , . | | 6 |
| 41 | On the Application of the â€œEquivalent Cable Bundle Methodâ€•to Cable Bundles in Presence of Complex Ground Structures. IEEE Transactions on Electromagnetic Compatibility, 2013, 55, 798-801. | 1.4 | 5 |
| 42 | 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 |
| 43 | Determination of the “Quasi-Ideal Reverberation Chamber Minimal Frequency” according to loading. , 2013, , . | | 2 |
| 44 | Influence of a stirrer on the cavity modes within a reverberation chamber. , 2012, , . | | 3 |
| 45 | Homogenization of Composite Panels From a Near-Field Magnetic Shielding Effectiveness Measurement. IEEE Transactions on Electromagnetic Compatibility, 2012, 54, 700-703. | 1.4 | 20 |
| 46 | Low-frequency characterization of composite panels from a near-field magnetic shielding effectiveness measurement. , 2011, , . | | 4 |
| 47 | Influence of apertures on the electromagnetic field behaviour within aeronautical metallic halls used as reverberation chambers. , 2011, , . | | 0 |
| 48 | Extension of the â€œEquivalent Cable Bundle Methodâ€•for Modeling Electromagnetic Emissions of Complex Cable Bundles. IEEE Transactions on Electromagnetic Compatibility, 2009, 51, 108-118. | 1.4 | 39 |
| 49 | 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 |
| 50 | A reduction modeling method to assess the electromagnetic emission of multiconductor transmission lines. Comptes Rendus Physique, 2009, 10, 83-90. | 0.3 | 1 |
| 51 | Discussions about Automotive Application of the "Equivalent Cable Bundle Method" in the High Frequency Domain. , 2009, , . | | 2 |
| 52 | 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 |
| 53 | Susceptibility of printed circuit boards in complex electromagnetic environment. , 2008, , . | | 3 |