

Giorgio S Mauro

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A Novel Approach to $\hat{\Gamma}^2$ -Decay: PANDORA, a New Experimental Setup for Future In-Plasma Measurements. Universe, 2022, 8, 80. | 2.5 | 19 |
| 2 | Numerical Simulation of a Hollow-Core Woodpile-Based Mode Launcher for Dielectric Laser Accelerators. Applied Sciences (Switzerland), 2022, 12, 2609. | 2.5 | 1 |
| 3 | Redefining plasma chambers for ECR Ion Sources: the IRIS structure. Journal of Physics: Conference Series, 2022, 2244, 012003. | 0.4 | 3 |
| 4 | Design and Analysis of Slotted Waveguide Antenna Radiating in a "Plasma-Shaped" Cavity of an ECR Ion Source. Telecom, 2021, 2, 42-51. | 2.6 | 3 |
| 5 | Electromagnetic Simulations and Measurements of the K-800 Superconducting Cyclotron RF Cavity at INFN-LNS. Applied Sciences (Switzerland), 2021, 11, 5995. | 2.5 | 0 |
| 6 | Design of Dual Circularly Polarized Sequentially-Fed Patch Antennas for Satellite Applications. Applied Sciences (Switzerland), 2020, 10, 2107. | 2.5 | 7 |
| 7 | Design and Characterization of a Silicon W-Band Woodpile Photonic Crystal Waveguide. IEEE Microwave and Wireless Components Letters, 2020, 30, 347-350. | 3.2 | 4 |
| 8 | Synthesis of open structures starting from closed "cross" section waveguide devices. IET Microwaves, Antennas and Propagation, 2020, 14, 1522-1529. | 1.4 | 1 |
| 9 | Slotted Antenna Waveguide for Microwave Injection in Ion Sources. , 2020, , . | | 1 |
| 10 | Fabrication and Characterization of Woodpile Waveguides for Microwave Injection in Ion Sources. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 1621-1626. | 4.6 | 4 |
| 11 | PERTURBATIVE APPROACH FOR FAST AND ACCURATE EVALUATION OF QUASI AXIALLY-SYMMETRIC CAVITY RESONANCE FREQUENCY IN DRIFT TUBE LINACS. Progress in Electromagnetics Research M, 2020, 93, 109-118. | 0.9 | 0 |
| 12 | Wide Bandwidth Dual Port, Dual Sense Circular Polarization Antenna for Satellite Applications. , 2019, , . | | 1 |
| 13 | Numerical Study of Photonic-Crystal-Based Dielectric Accelerators. Journal of Physics: Conference Series, 2019, 1350, 012060. | 0.4 | 3 |
| 14 | Plasma heating and innovative microwave launching in ECRIS: models and experiments. Journal of Instrumentation, 2019, 14, C01004-C01004. | 1.2 | 2 |
| 15 | Autonomous Energy-Efficient Wireless Sensor Network Platform for Home/Office Automation. IEEE Sensors Journal, 2019, 19, 3501-3512. | 4.7 | 74 |
| 16 | Woodpile EBG waveguide as a DC electrical break for microwave ion sources. Microwave and Optical Technology Letters, 2019, 61, 610-614. | 1.4 | 7 |
| 17 | A circularly polarized wideband high gain patch antenna for wireless power transfer. Microwave and Optical Technology Letters, 2018, 60, 620-625. | 1.4 | 23 |
| 18 | Effects of lossy background and rebars on antennas embedded in concrete structures. Microwave and Optical Technology Letters, 2016, 58, 2653-2656. | 1.4 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | An Innovative Superconducting Magnetic Trap for Probing \hat{I}^2 -decay in Plasmas. <i>Frontiers in Physics</i> , 0, 10, . | 2.1 | 8 |