

# Giorgio S Mauro

## List of Publications by Year in descending order

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1478505

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1125743

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19  
all docs

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docs citations

19  
times ranked

178  
citing authors

#	ARTICLE	IF	CITATIONS
1	Autonomous Energy-Efficient Wireless Sensor Network Platform for Home/Office Automation. IEEE Sensors Journal, 2019, 19, 3501-3512.	4.7	74
2	A circularly polarized wideband high gain patch antenna for wireless power transfer. Microwave and Optical Technology Letters, 2018, 60, 620-625.	1.4	23
3	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
4	Effects of lossy background and rebars on antennas embedded in concrete structures. Microwave and Optical Technology Letters, 2016, 58, 2653-2656.	1.4	12
5	An Innovative Superconducting Magnetic Trap for Probing $\hat{\Gamma}^2$ -decay in Plasmas. Frontiers in Physics, 0, 10, .	2.1	8
6	Woodpile EBG waveguide as a DC electrical break for microwave ion sources. Microwave and Optical Technology Letters, 2019, 61, 610-614.	1.4	7
7	Design of Dual Circularly Polarized Sequentially-Fed Patch Antennas for Satellite Applications. Applied Sciences (Switzerland), 2020, 10, 2107.	2.5	7
8	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
9	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
10	Numerical Study of Photonic-Crystal-Based Dielectric Accelerators. Journal of Physics: Conference Series, 2019, 1350, 012060.	0.4	3
11	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
12	Redefining plasma chambers for ECR Ion Sources: the IRIS structure. Journal of Physics: Conference Series, 2022, 2244, 012003.	0.4	3
13	Plasma heating and innovative microwave launching in ECRIS: models and experiments. Journal of Instrumentation, 2019, 14, C01004-C01004.	1.2	2
14	Wide Bandwidth Dual Port, Dual Sense Circular Polarization Antenna for Satellite Applications. , 2019, , .		1
15	Synthesis of open structures starting from closed "cross" section waveguide devices. IET Microwaves, Antennas and Propagation, 2020, 14, 1522-1529.	1.4	1
16	Slotted Antenna Waveguide for Microwave Injection in Ion Sources. , 2020, , .		1
17	Numerical Simulation of a Hollow-Core Woodpile-Based Mode Launcher for Dielectric Laser Accelerators. Applied Sciences (Switzerland), 2022, 12, 2609.	2.5	1
18	Electromagnetic Simulations and Measurements of the K-800 Superconducting Cyclotron RF Cavity at INFN-LNS. Applied Sciences (Switzerland), 2021, 11, 5995.	2.5	0

#	ARTICLE	IF	CITATIONS
19	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