

# Miloš; Mazánek

## List of Publications by Year in descending order

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29  
papers

312  
citations

1478505

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h-index

1199594

12  
g-index

29  
all docs

29  
docs citations

29  
times ranked

420  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wireless Power Transmission: R&D Activities Within Europe. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 1031-1045.	4.6	138
2	Europe and the Future for WPT : European Contributions to Wireless Power Transfer Technology. IEEE Microwave Magazine, 2017, 18, 56-87.	0.8	59
3	Implantable Semi-Active UHF RFID Tag With Inductive Wireless Power Transfer. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1657-1660.	4.0	28
4	Modal Resonant Frequencies and Radiation Quality Factors of Microstrip Antennas. International Journal of Antennas and Propagation, 2012, 2012, 1-9.	1.2	13
5	Optimization of tapered slot Vivaldi antenna for UWB application. , 2007, , .		11
6	The Radiation Q-Factor of a Horizontal $\lambda/2$ Dipole Above Ground Plane. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1073-1075.	4.0	11
7	The use of the Fabry-Perot interferometer for high resolution microwave spectroscopy. Journal of Molecular Spectroscopy, 2009, 256, 141-145.	1.2	9
8	Software tools for efficient generation, modelling and optimisation of fractal radiating structures. IET Microwaves, Antennas and Propagation, 2011, 5, 1002.	1.4	6
9	Simulated Transient Radiation Characteristics of Optimized Ultra Wideband Printed Dipole Antennas. , 2007, , .		5
10	Evaluation and Correction of Cable Phase Stability in High Frequency Near-Field Measurement. , 2008, , .		5
11	A Dual-Band Reflector Feed in Coaxial Configuration for Satellite Communication [Antenna Applications Corner]. IEEE Antennas and Propagation Magazine, 2018, 60, 89-94.	1.4	5
12	A Study of Gas and Rain Propagation Effects at 48GHz for HAP Scenarios. Eurasip Journal on Wireless Communications and Networking, 2008, 2008, .	2.4	4
13	Active region and higher-order modes of spiral antennas. , 2012, , .		3
14	Compact Circular/Linear Polarization Dual-Band Prime-Focus Feed for Space Communication. International Journal of Antennas and Propagation, 2012, 2012, 1-7.	1.2	3
15	Fire Emissivity Detection by a Microwave Radiometer. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 2306-2310.	3.1	3
16	Theory of Characteristic Modes: Getting More Insight into Linear Antenna Behavior. , 2007, , .		2
17	Possibilities of wireless power supply. International Journal of Microwave and Wireless Technologies, 2010, 2, 153-157.	1.9	2
18	Dielectric Lens Utilization for Fabry-Perot Resonator Optimal Coupling. , 2008, , .		1

#	ARTICLE	IF	CITATIONS
19	Full-Wave Modeling of Fabry-Perot Resonator in Millimeter Waves. , 2008, , .		1
20	The evaluation of total radiation Q based on modal approach. , 2012, , .		1
21	A method for evaluating radiation efficiency based on a modal approach. , 2014, , .		1
22	Semi-active 866 MHz RFID implantable tag fed by 6.78 MHz inductive wireless power transfer. , 2016, , .		1
23	Frequency down-conversion with complementary-MOS inverters. , 2010, , .		0
24	Heterodyne detector for absorption microwave spectroscopy. , 2010, , .		0
25	Measurement of magnetic flux density vector. , 2012, , .		0
26	Research on compact reflector feeds for space applications. , 2014, , .		0
27	Analysis of Magnetic Field of Thin-Wall Air Induction Coil of Arbitrary Cross Section With the Help of Scalar Magnetic Potential. IEEE Transactions on Magnetics, 2016, 52, 1-12.	2.1	0
28	Pre-Assessment of Radiated Fields from Small Electronic Submodules. Radioengineering, 2018, 27, 640-645.	0.6	0
29	Deep reflector prime focus feed for space communication. Journal of Engineering, 2021, 2021, 496-499.	1.1	0