

# Alireza Foroozesh

## List of Publications by Year in descending order

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17  
papers

520  
citations

1163117

8  
h-index

1372567

10  
g-index

17  
all docs

17  
docs citations

17  
times ranked

491  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Characteristics of the Highly Directive Resonant Cavity Antenna Having Metal Strip Grating Superstrate. IEEE Transactions on Antennas and Propagation, 2012, 60, 78-91.	5.1	39
2	Investigation Into the Application of Artificial Magnetic Conductors to Bandwidth Broadening, Gain Enhancement and Beam Shaping of Low Profile and Conventional Monopole Antennas. IEEE Transactions on Antennas and Propagation, 2011, 59, 4-20.	5.1	116
3	Observation of two counter-intuitive behaviors in the antennas having EBG or HIS structure as the ground plane. , 2010, , .		0
4	On the design of high-gain resonant cavity antennas using different highly-reflective frequency selective surfaces as the superstrates. , 2010, , .		3
5	Investigation Into the Effects of the Reflection Phase Characteristics of Highly-Reflective Superstrates on Resonant Cavity Antennas. IEEE Transactions on Antennas and Propagation, 2010, 58, 3392-3396.	5.1	18
6	Electromagnetic scattering by periodic conducting strip grating on grounded dielectric slab: Study of the angular and polarization dependence in different incident planes. , 2010, , .		2
7	Investigation Into the Effects of the Patch-Type FSS Superstrate on the High-Gain Cavity Resonance Antenna Design. IEEE Transactions on Antennas and Propagation, 2010, 58, 258-270.	5.1	180
8	Improvements in the performance of compact microstrip antennas using AMC ground planes. , 2010, , .		4
9	Modeling, simulation, design and fabrication of a high-gain cavity resonance antenna having a highly-reflective patch-type FSS superstrate. , 2009, , .		2
10	Parametric study of EBG bandwidth for grounded square patch arrays by dispersion analysis. , 2009, , .		1
11	Performance enhancement of the compact microstrip antennas using AMC ground planes. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	7
12	Effects of Artificial Magnetic Conductors in the Design of Low-Profile High-Gain Planar Antennas With High-Permittivity Dielectric Superstrate. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 10-13.	4.0	47
13	Application of the artificial magnetic conductor ground plane for enhancement of antenna input impedance bandwidth. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	3
14	Application of combined electric- and magnetic-conductor ground planes for antenna performance enhancement. Canadian Journal of Electrical and Computer Engineering, 2008, 33, 87-98.	2.0	61
15	Wave Propagation in 1D EBGs: Periodic Multilayer Films Consisting of Two Different Materials [This Issue's Contribution]. IEEE Antennas and Propagation Magazine, 2008, 50, 175-182.	1.4	20
16	Parametric studies of high impedance AMC surfaces realized by periodic array of arbitrarily shaped metallizations printed over grounded dielectric substrates. , 2008, , .		0
17	APPLICATION OF ARTIFICIAL GROUND PLANES IN DUAL-BAND ORTHOGONALLY-POLARIZED LOW-PROFILE HIGH-GAIN PLANAR ANTENNA DESIGN. Progress in Electromagnetics Research, 2008, 84, 407-436.	4.4	17