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Citation indices	All	Since 2012
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i10-index	326	186

Title 1–20	Cited by	Year
Particle swarm optimization in electromagnetics J Robinson, Y Rahmat-Samii IEEE transactions on antennas and propagation 52 (2), 397-407	1815	2004
Electromagnetic optimization by genetic algorithms Y Rahmat-Samii, E Michielssen Microwave Journal 42 (11), 232-232	1083	1999
Antennas and propagation for body centric communications PS Hall, Y Hao Antennas and Propagation, 2006. EuCAP 2006. First European Conference on, 1-7	942	2006
Microstrip antennas integrated with electromagnetic band-gap (EBG) structures: A low mutual coupling design for array applications F Yang, Y Rahmat-Samii IEEE transactions on antennas and propagation 51 (10), 2936-2946	919	2003
Genetic algorithms in engineering electromagnetics JM Johnson, V Rahmat-Samii IEEE Antennas and Propagation Magazine 39 (4), 7-21	899	1997
Wide-band E-shaped patch antennas for wireless communications F Yang, XX Zhang, X Ye, Y Rahmat-Samii IEEE transactions on antennas and propagation 49 (7), 1094-1100	865	2001
Reflection phase characterizations of the EBG ground plane for low profile wire antenna applications F Yang, Y Rahmat-Samii IEEE Transactions on Antennas and Propagation 51 (10), 2691-2703	794	2003
Fractal antennas: A novel antenna miniaturization technique, and applications JP Gianvittorio, Y Rahmat-Samii IEEE Antennas and Propagation magazine 44 (1), 20-36	623	2002
Electromagnetic band gap structures in antenna engineering F Yang, Y Rahmat-Samii Cambridge university press	547	2009
EM interaction of handset antennas and a human in personal communications MA Jensen, Y Rahmat-Samii Proceedings of the IEEE 83 (1), 7-17	546	1995
	537	2004

Title 1–20	Cited by	Year
Implanted antennas inside a human body: Simulations, designs, and characterizations J Kim, Y Rahmat-Samii IEEE Transactions on microwave theory and techniques 52 (8), 1934-1943		
Advances in particle swarm optimization for antenna designs: Real-number, binary, single-objective and multiobjective implementations N Jin, Y Rahmat-Samii IEEE Transactions on Antennas and Propagation 55 (3), 556-567	517	2007
Particle swarm, genetic algorithm, and their hybrids: optimization of a profiled corrugated horn antenna J Robinson, S Sinton, Y Rahmat-Samii Antennas and Propagation Society International Symposium, 2002. IEEE 1, 314-317	355	2002
Performance analysis of antennas for hand-held transceivers using FDTD MA Jensen, Y Rahmat-Samii IEEE Transactions on Antennas and Propagation 42 (8), 1106-1113	338	1994
A reconfigurable patch antenna using switchable slots for circular polarization diversity F Yang, Y Rahmat-Samii IEEE Microwave and Wireless Components Letters 12 (3), 96-98	327	2002
Low-profile enhanced-bandwidth PIFA antennas for wireless communications packaging KL Virga, Y Rahmat-Samii IEEE Transactions on Microwave Theory and Techniques 45 (10), 1879-1888	327	1997
Electromagnetic penetration through apertures in conducting surfaces C Butler, Y Rahmat-Samii, R Mittra IEEE Transactions on Antennas and Propagation 26 (1), 82-93	310	1978
Parallel particle swarm optimization and finite-difference time-domain (PSO/FDTD) algorithm for multiband and wide-band patch antenna designs N Jin, Y Rahmat-Samii IEEE Transactions on Antennas and Propagation 53 (11), 3459-3468	265	2005
Fractal FSS: A novel dual-band frequency selective surface J Romeu, Y Rahmat-Samii IEEE Transactions on antennas and propagation 48 (7), 1097-1105	247	2000
Patch antennas on externally perforated high dielectric constant substrates JS Colburn, Y Rahmat-Samii IEEE Transactions on Antennas and Propagation 47 (12), 1785-1794	247	1999

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