Dong-UK Sim

List of Publications by Year
in descending order

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		1684188	1588992
21	227	5	8
papers	citations	h-index	g-index

21	21	21	197
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design of PIFA With Metamaterials for Body-SAR Reduction in Wearable Applications. IEEE Transactions on Electromagnetic Compatibility, 2017, 59, 297-300.	2.2	66
2	Design of Optimized Multilayer PIFA With the EBG Structure for SAR Reduction in Mobile Applications. IEEE Transactions on Electromagnetic Compatibility, 2011, 53, 325-331.	2.2	53
3	Compact logâ€periodic dipole array antenna with bandwidthâ€enhancement techniques for the low frequency band. IET Microwaves, Antennas and Propagation, 2017, 11, 711-717.	1.4	31
4	SAR reduction on a mobile phone antenna using the EBG structures. , 2008, , .		22
5	Partial EBG Structure with DeCap for Ultra-wideband Suppression of Simultaneous Switching Noise in a High-Speed System. ETRI Journal, 2010, 32, 265-272.	2.0	15
6	Design of electromagnetic wave absorber using periodic structure and method to broaden its bandwidth based on equivalent circuitâ€based analysis. IET Microwaves, Antennas and Propagation, 2015, 9, 142-150.	1.4	14
7	Design of novel dipole-type tag antennas using electromagnetic bandgap (EBG) surface for passive RFID applications. , 2007, , .		6
8	Design of multilayer PIFA based on an EBG structure for SAR reduction in mobile applications. , 2009, , .		6
9	Development and Validation of New Reverberation Chamber for Wireless Devices. Wireless Communications and Mobile Computing, 2018, 2018, 1-12.	1.2	5
10	SAR Reduction of PIFA with EBG Structures for Mobile Applications. IEICE Transactions on Communications, 2009, E92-B, 3550-3553.	0.7	3
11	Design of an absorptive structure for WCDMA band. , 2012, , .		2
12	An ultracompact CRLHâ€TL bandpass filter for VHF applications. Microwave and Optical Technology Letters, 2016, 58, 694-696.	1.4	2
13	A compact wideband modified planar inverted F antenna (PIFA) for 2.4/5 GHz WLAN applications. , 0, , .		1
14	Design of multiband electromagnetic wave absorber based on a periodic surface for electromagnetic wave measurement facility applications. Microwave and Optical Technology Letters, 2017, 59, 478-481.	1.4	1
15	The effects of test position in relation to the phantom, sides of the phantom, and the accessory on SAR assessment for the commercial body-mounted device. , 2006, , .		0
16	Design of a novel broadband microwave absorber using a EBG structure. , 2009, , .		0
17	A planar resonant-type EM wave absorber using a periodic surface. , 2012, , .		0
18	A study on the design of EM wave absorptive structure and its application for WCDMA band. , 2013, , .		0

#	Article	IF	Citations
19	Design of a small composite right/left-handed band-pass filter. , 2015, , .		0
20	Design of new reverberation chamber for electromagnetic compatibility and wireless device measurement applications and its reproducibility performance validation. Microwave and Optical Technology Letters, 2018, 61, 801.	1.4	0
21	Corrigendum to â€œDevelopment and Validation of New Reverberation Chamber for Wireless Devicesâ€: Wireless Communications and Mobile Computing, 2019, 2019, 1-1.	1.2	0