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Small and Wideband Antennas

Implantable/Wearable Antennas

Wireless Power

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TITLE	CITED BY	YEAR
Analysis and design of L-probe proximity fed-patch antennas YX Guo, CL Mak, KM Luk, KF Lee IEEE Transactions on Antennas and Propagation 49 (2), 145-149	183	2001
Double U-slot rectangular patch antenna YX Guo, KM Luk, KF Lee, YL Chow Electronics Letters 34 (19), 1805-1806	170	1998
Miniature built-in multiband antennas for mobile handsets YX Guo, MYW Chia, ZN Chen IEEE Transactions on Antennas and Propagation 52 (8), 1936-1944	168	2004
Miniature built-in multiple frequency band antenna Y Guo, YWM Chia, Z Chen US Patent 6,734,825	156	2004
Design of a high-efficiency 2.45-GHz rectenna for low-input-power energy harvesting H Sun, Y Guo, M He, Z Zhong IEEE Antennas and Wireless Propagation Letters 11, 929-932	154	2012
A dual-band rectenna using broadband Yagi antenna array for ambient RF power harvesting H Sun, Y Guo, M He, Z Zhong IEEE Antennas and Wireless Propagation Letters 12, 918-921	152	2013
Broadband circularly polarized annular-ring microstrip antenna YX Guo, L Bian, XQ Shi IEEE Transactions on Antennas and Propagation 57 (8), 2474-2477	143	2009
Miniature built-in quad-band antennas for mobile handsets YX Guo, MYW Chia, ZN Chen Antennas and Propagation Society International Symposium, 2003. IEEE 3, 91-94	126	2003
Improved wide-band Schiffman phase shifter YX Guo, ZY Zhang, LC Ong IEEE Transactions on Microwave Theory and Techniques 54 (3), 1196-1200	120	2006
New compact six-band internal antenna YX Guo, HS Tan IEEE Antennas and Wireless Propagation Letters 3, 295-297	116	2004

TITLE	CITED BY	YEAR
A new wide-band planar balun on a single-layer PCB ZY Zhang, YX Guo, LC Ong, MYW Chia IEEE Microwave and Wireless Components Letters 15 (6), 416-418	113	2005
Broadband dual polarization patch element for cellular-phone base stations YX Guo, KM Luk, KF Lee IEEE Transactions on Antennas and Propagation 50 (2), 251-253	113	2002
60-GHz LTCC integrated circularly polarized helical antenna array C Liu, YX Guo, X Bao, SQ Xiao IEEE Transactions on Antennas and Propagation 60 (3), 1329-1335	103	2012
A 60-GHz OOK receiver with an on-chip antenna in 90 nm CMOS K Kang, F Lin, DD Pham, J Brinkhoff, CH Heng, YX Guo, X Yuan IEEE Journal of Solid-State Circuits 45 (9), 1720-1731	103	2010
A quarter-wave U-shaped patch antenna with two unequal arms for wideband and dual-frequency operation YX Guo, KM Luk, KF Lee IEEE Transactions on Antennas and Propagation 50 (8), 1082-1087	100	2002
Compact internal quad-band antenna for mobile phones I Ang, YX Guo, MYW Chia Microwave and Optical Technology Letters 38 (3), 217-223	90	2003
Wideband circularly-polarized patch antenna L Bian, YX Guo, LC Ong, XQ Shi Microwave Conference Proceedings, 2005. APMC 2005. Asia-Pacific Conference ...	88	2005
Wideband high-gain 60-GHz LTCC L-probe patch antenna array with a soft surface L Wang, YX Guo, WX Sheng IEEE transactions on antennas and propagation 61 (4), 1802-1809	86	2013
Dual-band slot-loaded short-circuited patch antenna YX Guo, KM Luk, KF Lee Electronics Letters 36 (4), 289-291	86	2000
Compact internal multiband antennas for mobile handsets YX Guo, I Ang, MYW Chia IEEE Antennas and Wireless Propagation Letters 2 (1), 143-146	85	2003