

Gerard SisÃ³

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Application of Composite Right/Left Handed (CRLH) Transmission Lines based on Complementary Split Ring Resonators (CSRRs) to the Design of Dual-Band Microwave Components. IEEE Microwave and Wireless Components Letters, 2008, 18, 524-526.	3.2	84
2	Applications of Open Split Ring Resonators and Open Complementary Split Ring Resonators to the Synthesis of Artificial Transmission Lines and Microwave Passive Components. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 3395-3403.	4.6	77
3	Planar Multi-Band Microwave Components Based on the Generalized Composite Right/Left Handed Transmission Line Concept. IEEE Transactions on Microwave Theory and Techniques, 2010, , .	4.6	39
4	Recent Advances in Metamaterial Transmission Lines Based on Split Rings. Proceedings of the IEEE, 2011, 99, 1701-1710.	21.8	29
5	Compact Rat-Race Hybrid Coupler Implemented Through Artificial Left Handed and Right Handed Lines. IEEE MTT-S International Microwave Symposium Digest IEEE MTT-S International Microwave Symposium, 2007, , .	0.0	20
6	Generalized Model for Multiband Metamaterial Transmission Lines. IEEE Microwave and Wireless Components Letters, 2008, 18, 728-730.	3.2	20
7	Dual-band Y-junction power dividers implemented through artificial lines based on complementary resonators. , 2008, , .		14
8	Microwave circuit miniaturization with complementary spiral resonators: Application to highâ€pass filters and dualâ€band components. Microwave and Optical Technology Letters, 2009, 51, 2741-2745.	1.4	12
9	Dual-band rat race hybrid coupler implemented through artificial lines based on complementary split ring resonators. , 2009, , .		12
10	SRR- and CSRR-based Metamaterial Transmission Lines: Modeling and Comparison. , 2009, , .		7
11	Fully planar implementation of generalized composite right/left handed transmission lines for quad-band applications. , 2010, , .		5
12	Composite right/leftâ€handed metamaterial transmission lines with unconventional dispersion and applications. Microwave and Optical Technology Letters, 2010, 52, 904-909.	1.4	4
13	Miniaturization and Dual-Band Operation in Planar Microwave Components by Using Resonant-Type Metamaterial Transmission Lines. , 2008, , .		2
14	Size Reduction and Dispersion/Impedance Engineering with Resonant Type Metamaterial Transmission Lines: Current Status and Future Applications. , 2009, , .		0