

# Li-Ming Si

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6325826/publications.pdf>

Version: 2024-02-01

44  
papers

667  
citations

759233

12  
h-index

713466

21  
g-index

44  
all docs

44  
docs citations

44  
times ranked

561  
citing authors

#	ARTICLE	IF	CITATIONS
1	Broadband High Transmittance 220 GHz Polarization Rotator with Chiral Metamaterial. , 2020, , .		1
2	Graphene-Integrated Tunable and Broadband Terahertz Absorber. , 2020, , .		0
3	A Wideband Close-spaced 5G MIMO Antenna with Mutual Coupling Reduction Using Combined Decoupling Networks. , 2019, , .		2
4	A Symmetrical Dual-Beam Bowtie Antenna With Gain Enhancement Using Metamaterial for 5G MIMO Applications. IEEE Photonics Journal, 2019, 11, 1-9.	2.0	30
5	Low-lying Collective Modes of a 1D Dipolar Quantum Gas in an Anharmonic Trap. Brazilian Journal of Physics, 2017, 47, 377-381.	1.4	6
6	Dual-band bandpass filter using composite metamaterial resonator. Modern Physics Letters B, 2016, 30, 1650079.	1.9	2
7	Polarization-Independent and Angle-Insensitive Metamaterial Absorber Using 90-Degree-Rotated Split-Ring Resonators. International Journal of Antennas and Propagation, 2015, 2015, 1-6.	1.2	9
8	A Uniplanar Triple-Band Dipole Antenna Using Complementary Capacitively Loaded Loop. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 743-746.	4.0	41
9	Ka-Band Slot-Microstrip-Covered and Waveguide-Cavity-Backed Monopulse Antenna Array. International Journal of Antennas and Propagation, 2014, 2014, 1-5.	1.2	3
10	Design of a coplanar bowtie antenna for WLAN and WiMAX application. , 2014, , .		1
11	A compact low-power linear-in-dB CMOS AGC. , 2014, , .		3
12	Design of a wide bandwidth monopole antenna with graded multi-layer metal slabs. , 2014, , .		0
13	Low-index-metamaterial for gain enhancement of planar terahertz antenna. AIP Advances, 2014, 4, .	1.3	37
14	Magnetic and substrate coupling effect between inductors in RFICs. , 2014, , .		0
15	Metamaterial resonators based dual-band antenna. , 2013, , .		0
16	A low-power decibel-linear CMOS Automatic Gain Control. , 2013, , .		2
17	0.5 THz integrated antipodal curvilinearly tapered slot antenna with circular polarization. , 2013, , .		1
18	A low-power-consumption linear-in-dB CMOS VGA. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
19	Terahertz horn antenna with double-layer corrugated V groove for gain enhancement. , 2013, , .		1
20	Design of ultra-wideband printed log-periodic dipole antenna. , 2013, , .		4
21	A Compact, Planar, and CPW-Fed Metamaterial-Inspired Dual-Band Antenna. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 305-308.	4.0	112
22	Graphene-enabled tunability of optical fishnet metamaterial. Applied Physics Letters, 2013, 102, .	3.3	46
23	Terahertz beam scanning offset Cassegrain reflector antenna. , 2013, , .		2
24	Design of a 6&#x2013;18 GHz UWB conformal antipodal Vivaldi antenna array. , 2013, , .		8
25	Double-Layer 90&#x00B0; corrugated terahertz horn antenna based on MEMS technology. , 2013, , .		4
26	A 20MHz continuous-time Gm-C filter with source degeneration linearization technique. , 2013, , .		1
27	Experimental Realization of High Transmittance THz 90 <sup>o</sup> -Bend Waveguide Using EMXT Structure. IEEE Photonics Technology Letters, 2013, 25, 519-522.	2.5	17
28	Tunable band notch filters by manipulating couplings of split ring resonators. Applied Optics, 2013, 52, 7517.	1.8	5
29	Light focusing using epsilon-near-zero metamaterials. AIP Advances, 2013, 3, 112124.	1.3	7
30	A Comparison of Active and Passive Metamaterials from Equivalent Lumped Elements Modes. Optics and Photonics Journal, 2013, 03, 260-264.	0.4	1
31	A composite circularly polarized dielectric complex waveguide slot antenna array with enhanced bandwidth. , 2012, , .		1
32	Determination of the effective constitutive parameters of active transmission line metamaterials. , 2012, , .		4
33	Some Recent Developments of Microstrip Antenna. International Journal of Antennas and Propagation, 2012, 2012, 1-10.	1.2	54
34	Active Microwave Negative-Index Metamaterial Transmission Line with Gain. Physical Review Letters, 2011, 107, 205503.	7.8	43
35	Active Microwave Metamaterials Incorporating Ideal Gain Devices. Materials, 2011, 4, 73-83.	2.9	25
36	Theoretical investigation of terahertz amplifier by carbon nanotubes within transmission line metamaterials. Microwave and Optical Technology Letters, 2011, 53, 815-818.	1.4	9

#	ARTICLE	IF	CITATIONS
37	Experimental realisation of integrated THz electromagnetic crystals (EMXT) H-plane horn antenna. Electronics Letters, 2011, 47, 80.	1.0	26
38	THz leaky-wave antenna with high-directivity and beam-steering using CPW CRLH meta-material resonators. Proceedings of SPIE, 2009, , .	0.8	3
39	Integrated log-periodic antenna for terahertz applications. , 2009, , .		4
40	Design of 0.5 THz 2D square lattice EBG waveguide transmission line and power-divider using MEMS technology. , 2009, , .		3
41	TERAHERTZ WAVES HAIRPIN MICROSTRIP BAND-PASS FILTER AND ITS APPLICATION TO OVERLAID DIELECTRIC MATERIAL DETECTION. Modern Physics Letters B, 2008, 22, 2843-2848.	1.9	12
42	CPW-FED MULTI-BAND OMNI-DIRECTIONAL PLANAR MICROSTRIP ANTENNA USING COMPOSITE METAMATERIAL RESONATORS FOR WIRELESS COMMUNICATIONS. Progress in Electromagnetics Research, 2008, 83, 133-146.	4.4	127
43	Characterization and application of planar terahertz narrow bandpass filter with metamaterial resonators. , 2008, , .		9
44	A simple microstrip-to-CPS transition using elliptical transmission line as an Ultra-Broadband Balun. , 2008, , .		1