

Boon-Kok Tan

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

120
citations

1874746

5
h-index

1526636

10
g-index

14
all docs

14
docs citations

14
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	The Influence of LO Power Heating of the Tunnel Junction on the Performance of THz SIS Mixers. IEEE Transactions on Terahertz Science and Technology, 2020, 10, 721-730.	2.0	1
2	A Slotline DC Block for Microwave, Millimeter, and Submillimeter Circuits. IEEE Microwave and Wireless Components Letters, 2019, 29, 583-585.	2.0	3
3	A New Concept for Multi-Beam Phased Array. , 2019, , .		1
4	Simulating the Behavior of a 230-GHz SIS Mixer Using Multitone Spectral Domain Analysis. IEEE Transactions on Terahertz Science and Technology, 2019, 9, 540-548.	2.0	2
5	Preliminary design of an ALMA band 10 single-chip dual-polarisation SIS mixer. , 2017, , .		0
6	Design of a uniplanar resonance phase-matched Josephson traveling-wave parametric amplifier. , 2017, , .		3
7	A Planar Beam Splitter for Millimeter and Submillimeter Heterodyne Mixer Array. IEEE Transactions on Terahertz Science and Technology, 2017, 7, 664-668.	2.0	4
8	Experimental Investigation of a Superconducting Switch at Millimeter Wavelengths. IEEE Transactions on Terahertz Science and Technology, 2016, 6, 121-126.	2.0	1
9	A Compact Microstrip-Fed Planar Dual-Dipole Antenna for Broadband Applications. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 593-596.	2.4	33
10	Experimental investigation of a 220 GHz planar multiple bridges superconducting switch. , 2015, , .		1
11	Preliminary Measurement Results of a 650 GHz Planar Circuit Balanced SIS Mixer. IEEE Transactions on Terahertz Science and Technology, 2013, 3, 32-38.	2.0	11
12	Experimental Investigation of a Low-Cost, High Performance Focal-Plane Horn Array. IEEE Transactions on Terahertz Science and Technology, 2012, 2, 61-70.	2.0	32
13	A 650 GHz Unilateral Finline SIS Mixer Fed by a Multiple Flare-Angle Smooth-Walled Horn. IEEE Transactions on Terahertz Science and Technology, 2012, 2, 40-49.	2.0	15
14	A High Performance 700 GHz Feed Horn. Journal of Infrared, Millimeter, and Terahertz Waves, 2012, 33, 1-5.	1.2	13