

Jacob W Kooi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A 275-425-GHz Tunerless Waveguide Receiver Based on AlN-Barrier SIS Technology. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 2086-2096.	4.6	29
2	Broadband MMIC LNAs for ALMA Band 2+3 With Noise Temperature Below 28 K. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 1589-1597.	4.6	27
3	An MMIC Low-Noise Amplifier Design Technique. IEEE Transactions on Microwave Theory and Techniques, 2016, , 1-10.	4.6	25
4	Balanced Receiver Technology Development for the Caltech Submillimeter Observatory. IEEE Transactions on Terahertz Science and Technology, 2012, 2, 71-82.	3.1	24
5	Characterization of self-heating in cryogenic high electron mobility transistors using Schottky thermometry. Journal of Applied Physics, 2021, 130, .	2.5	5
6	Quantum Limited SIS Receiver Technology for the Detection of Water Isotopologue Emission From Comets. IEEE Transactions on Terahertz Science and Technology, 2020, 10, 569-582.	3.1	4
7	A Programmable Cryogenic Waveguide Calibration Load With Exceptional Temporal Response and Linearity. IEEE Transactions on Terahertz Science and Technology, 2018, 8, 434-445.	3.1	2
8	The LLAMA Brazilian-Argentinian radiotelescope project: progress in Brazil and BRICS collaboration. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20200846.	0.8	2
9	Dual Local Oscillator SIS Receiver for Simultaneous Observations of Water Isotopologues in the Solar System. IEEE Transactions on Terahertz Science and Technology, 2021, 11, 183-193.	3.1	1