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Research output

Highly-conformal sputtered through-silicon vias with sharp superconducting transition

Alfaro Barrantes, J. A., Mastrangeli, M., Thoen, D., Visser, S., Bueno Lopez, J., Baselmans, J. J. A. & Sarro, P. M., 2021, In : IEEE Journal of Microelectromechanical Systems. 9 p.

Superconducting High-Aspect Ratio Through-Silicon Vias with DC-Sputtered Al for Quantum 3D integration

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Fabrication of Al-based superconducting high-aspect ratio TSVs for quantum 3D integration

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An Ultra-Wideband Leaky Lens Antenna for Broadband Spectroscopic Imaging Applications

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Broadband Quasi-Optical System for On-chip Filter-bank Spectrometer Operating at Sub-mm Wavelengths [VIDEO]

Dabironezare, S. O., Karatsu, K., Yates, S. J. C., Pascual Laguna, A., Murugesan, V., Thoen, D. J., Endo, A., Baselmans, J. J. A. & Llombart, N., 2020.

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On the Design and Performance of Very Large MKID Arrays [VIDEO]

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