

# Qi Mao

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Restoration of integrated circuit terahertz image based on wavelet denoising technique and the point spread function model. Optics and Lasers in Engineering, 2021, 138, 106413.	3.8	15
2	Developing Industry-Level Terahertz Imaging Resolution Using Mathematical Model. IEEE Transactions on Terahertz Science and Technology, 2021, 11, 583-590.	3.1	5
3	Mathematical Degradation Model Learning for Terahertz Image Super-Resolution. IEEE Access, 2021, 9, 128988-128995.	4.2	6
4	A Deep Transfer Learning Model for Packaged Integrated Circuit Failure Detection by Terahertz Imaging. IEEE Access, 2021, 9, 138608-138617.	4.2	3
5	Convolutional neural network model based on terahertz imaging for integrated circuit defect detections. Optics Express, 2020, 28, 5000.	3.4	19
6	Image fusion based on multiscale transform and sparse representation to enhance terahertz images. Optics Express, 2020, 28, 25293.	3.4	8
7	Flexible terahertz modulator based on coplanar-gate graphene field-effect transistor structure. Optics Letters, 2016, 41, 816.	3.3	33
8	High-speed and broadband terahertz wave modulators based on large-area graphene field-effect transistors. Optics Letters, 2014, 39, 5649.	3.3	75