

Qi Mao

List of Publications by Year in descending order

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8
papers

164
citations

1478505

6
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1588992

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9
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9
times ranked

176
citing authors

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