

Christian Weisenstein

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

150
citations

1683354
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1719596
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9
all docs

9
docs citations

9
times ranked

184
citing authors

#	ARTICLE	IF	CITATIONS
1	Substrate-integrated microfluidics for sensitive biosensing with complementary THz metamaterials in water. Applied Physics Letters, 2022, 120, .	1.5	6
2	Multifrequency Investigation of Single- and Double-Stranded DNA with Scalable Metamaterial-Based THz Biosensors. Biosensors, 2022, 12, 483.	2.3	6
3	THz Detection of Biomolecules in Aqueous Environmentsâ€™ Status and Perspectives for Analysis Under Physiological Conditions and Clinical use. Journal of Infrared, Millimeter, and Terahertz Waves, 2021, 42, 607-646.	1.2	10
4	Aspects of Signal Processing for Multistatic Terahertz Imaging Systems. , 2021, , .		3
5	Ultrasensitive THz biosensor for PCR-free cDNA detection based on frequency selective surfaces. Biomedical Optics Express, 2020, 11, 448.	1.5	24
6	Detection of Human Tumor Markers with THz Metamaterials. , 2018, , .		3
7	Conception and realization of a semiconductor based 240 GHz full 3D MIMO imaging system. Proceedings of SPIE, 2017, , .	0.8	6
8	Three-Dimensional Terahertz Imaging With Sparse Multistatic Line Arrays. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 1-11.	1.9	52
9	Graphene transfer methods for the fabrication of membrane-based NEMS devices. Microelectronic Engineering, 2016, 159, 108-113.	1.1	40