

Christian Weisenstein

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9572632/publications.pdf>

Version: 2024-02-01

9
papers

150
citations

1683354
5
h-index

1719596
7
g-index

9
all docs

9
docs citations

9
times ranked

184
citing authors

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