Albert Redo-Sanchez

List of Publications by Year
in descending order

28	1,009	687363 13	713466 21
papers	citations	h-index	g-index

28	28	28	1327
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification and classification of chemicals using terahertz reflective spectroscopic focal-plane imaging system. Optics Express, 2006, 14, 9130.	3.4	239
2	Terahertz time-gated spectral imaging for content extraction through layered structures. Nature Communications, 2016, 7, 12665.	12.8	131
3	Terahertz Science and Technology Trends. IEEE Journal of Selected Topics in Quantum Electronics, 2008, 14, 260-269.	2.9	116
4	Review of Terahertz Technology Readiness Assessment and Applications. Journal of Infrared, Millimeter, and Terahertz Waves, 2013, 34, 500-518.	2.2	92
5	Fast continuous terahertz wave imaging system for security. Optics Communications, 2009, 282, 2019-2022.	2.1	84
6	Goyaâ€™s artwork imaging with Terahertz waves. Optics Express, 2013, 21, 17800.	3.4	79
7	Assessment of terahertz spectroscopy to detect antibiotic residues in food and feed matrices. Analyst, The, 2011, 136, 1733.	3.5	76
8	Mapping the conductivity of graphene with Electrical Resistance Tomography. Scientific Reports, 2019, 9, 10655.	3.3	38
9	Quality assessment of terahertz time-domain spectroscopy transmission and reflection modes for graphene conductivity mapping. Optics Express, 2018, 26, 9220.	3.4	36
10	STANDOFF SENSING AND IMAGING OF EXPLOSIVE RELATED CHEMICAL AND BIO-CHEMICAL MATERIALS USING THz-TDS. International Journal of High Speed Electronics and Systems, 2007, 17, 239-249.	0.7	20
11	Sweep distortion removal from terahertz images via blind demodulation. Optica, 2016, 3, 754.	9.3	15
12	Self-referenced method for terahertz wave time-domain spectroscopy. Optics Letters, 2011, 36, 3308.	3.3	13
13	Nanostructured porous silicon films for terahertz optics. Nanotechnology, 2012, 23, 325301.	2.6	13
14	THz wave standoff detection of explosive materials. , 2006, 6212, 164.		12
15	Impact of Scratch Programming on Students' Understanding of Their Own Learning Process. Procedia, Social and Behavioral Sciences, 2012, 46, 1219-1223.	0.5	12
16	Towards standardisation of contact and contactless electrical measurements of CVD graphene at the macro-, micro- and nano-scale. Scientific Reports, 2020, 10, 3223.	3.3	10
17	2-D Acoustic Phase Imaging With Millimeter-Wave Radiation. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 589-593.	4.6	5
18	Sensing and Imaging with Continuous-Wave Terahertz Systems. AIP Conference Proceedings, 2006, , .	0.4	3

#	Article	IF	Citations
19	High speed imaging with CW THz for security. , 2008, , .		3
20	Non-destructive imaging with compact and portable terahertz systems. AIP Conference Proceedings, 2014, , .	0.4	3
21	Advances in ultrafast optics and imaging applications. Proceedings of SPIE, 2016, , .	0.8	3
22	Bubble Detector in Polyurethane Applications Based on a Microwave System. IEEE Sensors Journal, 2006, 6, 939-944.	4.7	2
23	Compact, portable Terahertz systems for on-site inspection applications. , 2013, , .		1
24	Direct estimation of the permeation of topical excipients through artificial membranes and human skin with non-invasive Terahertz time-domain techniques. Journal of Pharmacy and Pharmacology, 2016, 68, 873-882.	2.4	1
25	THz to Inspect Graphene and Thin Film Materials. , 2019, , .		1
26	THz Polarization-Dependent Imaging of Nuclear Graphite. , 2012, , .		1
27	GRACE: Developing Electrical Characterisation Methods for Future Graphene Electronics. , 2018, , .		0
28	THz Photonics. , 2013, , 423-476.		0