

# Albert Redo-Sanchez

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,009  
citations

687363

13  
h-index

713466

21  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1327  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Mapping the conductivity of graphene with Electrical Resistance Tomography. Scientific Reports, 2019, 9, 10655.	3.3	38
3	THz to Inspect Graphene and Thin Film Materials. , 2019, , .		1
4	GRACE: Developing Electrical Characterisation Methods for Future Graphene Electronics. , 2018, , .		0
5	Quality assessment of terahertz time-domain spectroscopy transmission and reflection modes for graphene conductivity mapping. Optics Express, 2018, 26, 9220.	3.4	36
6	Sweep distortion removal from terahertz images via blind demodulation. Optica, 2016, 3, 754.	9.3	15
7	Advances in ultrafast optics and imaging applications. Proceedings of SPIE, 2016, , .	0.8	3
8	Terahertz time-gated spectral imaging for content extraction through layered structures. Nature Communications, 2016, 7, 12665.	12.8	131
9	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
10	Non-destructive imaging with compact and portable terahertz systems. AIP Conference Proceedings, 2014, , .	0.4	3
11	Review of Terahertz Technology Readiness Assessment and Applications. Journal of Infrared, Millimeter, and Terahertz Waves, 2013, 34, 500-518.	2.2	92
12	Goya's artwork imaging with Terahertz waves. Optics Express, 2013, 21, 17800.	3.4	79
13	Compact, portable Terahertz systems for on-site inspection applications. , 2013, , .		1
14	THz Photonics. , 2013, , 423-476.		0
15	Nanostructured porous silicon films for terahertz optics. Nanotechnology, 2012, 23, 325301.	2.6	13
16	Impact of Scratch Programming on Students' Understanding of Their Own Learning Process. Procedia, Social and Behavioral Sciences, 2012, 46, 1219-1223.	0.5	12
17	THz Polarization-Dependent Imaging of Nuclear Graphite. , 2012, , .		1
18	Self-referenced method for terahertz wave time-domain spectroscopy. Optics Letters, 2011, 36, 3308.	3.3	13

#	ARTICLE	IF	CITATIONS
19	Assessment of terahertz spectroscopy to detect antibiotic residues in food and feed matrices. Analyst, The, 2011, 136, 1733.	3.5	76
20	2-D Acoustic Phase Imaging With Millimeter-Wave Radiation. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 589-593.	4.6	5
21	Fast continuous terahertz wave imaging system for security. Optics Communications, 2009, 282, 2019-2022.	2.1	84
22	Terahertz Science and Technology Trends. IEEE Journal of Selected Topics in Quantum Electronics, 2008, 14, 260-269.	2.9	116
23	High speed imaging with CW THz for security. , 2008, , .		3
24	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
25	THz wave standoff detection of explosive materials. , 2006, 6212, 164.		12
26	Identification and classification of chemicals using terahertz reflective spectroscopic focal-plane imaging system. Optics Express, 2006, 14, 9130.	3.4	239
27	Sensing and Imaging with Continuous-Wave Terahertz Systems. AIP Conference Proceedings, 2006, , .	0.4	3
28	Bubble Detector in Polyurethane Applications Based on a Microwave System. IEEE Sensors Journal, 2006, 6, 939-944.	4.7	2