

Tahsin Akalin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10872243/publications.pdf>

Version: 2024-02-01

19
papers

417
citations

1307594

7
h-index

1281871

11
g-index

19
all docs

19
docs citations

19
times ranked

631
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrawide-Bandwidth Single-Channel 0.4-THz Wireless Link Combining Broadband Quasi-Optic Photomixer and Coherent Detection. IEEE Transactions on Terahertz Science and Technology, 2014, 4, 328-337.	3.1	115
2	THz Communications using Photonics and Electronic Devices: the Race to Data-Rate. Journal of Infrared, Millimeter, and Terahertz Waves, 2015, 36, 198-220.	2.2	69
3	Metal-metal terahertz quantum cascade laser with micro-transverse-electromagnetic-horn antenna. Applied Physics Letters, 2008, 93, 183508.	3.3	62
4	Metamaterial-Inspired Bandpass Filters for Terahertz Surface Waves on Goubau Lines. IEEE Transactions on Terahertz Science and Technology, 2013, 3, 851-858.	3.1	51
5	Terahertz Corrugated and Bull's-Eye Antennas. IEEE Transactions on Terahertz Science and Technology, 2013, 3, 740-747.	3.1	44
6	Dispersion characteristic of ultrathin terahertz planar lenses based on metasurface. Optics Communications, 2014, 322, 164-168.	2.1	37
7	Analysis of a narrowband terahertz signal generated by a unitravelling carrier photodiode coupled with a dual-mode semiconductor Fabry-Pérot laser. Applied Physics Letters, 2010, 96, 241106.	3.3	17
8	Bendings and filters with single strip THz plasmonic waveguides. , 2007, , .		6
9	Flat Corrugated and Bull's-Eye Antennas. Signals and Communication Technology, 2018, , 111-141.	0.5	6
10	Terahertz photomixers based on ultra-wideband horn antennas. Comptes Rendus Physique, 2010, 11, 472-479.	0.9	5
11	Resonant tunnelling in photonic microcavities: design of highly directive radiating systems. Superlattices and Microstructures, 2001, 30, 181-188.	3.1	4
12	Wave shaping through finite electromagnetic bandgap structure. Superlattices and Microstructures, 2001, 30, 321-327.	3.1	1
13	Terahertz plasmonic antennas for Quantum Cascade Lasers. , 2009, , .		0
14	Radiation pattern measurements of an integrated TEM horn antenna. , 2010, , .		0
15	Terahertz planar structures for microscopy and metamaterials. , 2012, , .		0
16	Flat THz Launcher Antenna. , 2014, , .		0
17	High gain leaky wave antenna operating at 0.566 THz. , 2015, , .		0
18	Guest Editorial Introduction to the Special Issue on Terahertz Near-Field Microscopy and Applications. IEEE Transactions on Terahertz Science and Technology, 2016, 6, 353-355.	3.1	0

#	ARTICLE	IF	CITATIONS
19	Tunable Terahertz Response of Split Ring Resonator Loaded Along Planar Goubau Line. , 2019, , .		0