

Guy Lipworth

List of Publications by Year in descending order

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17
papers

2,127
citations

759233

12
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

1894
citing authors

#	ARTICLE	IF	CITATIONS
1	Versatile Manufacturing of Split-Block Microwave Devices Using Rapid Prototyping and Electroplating. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 157-160.	4.0	10
2	An analysis of beamed wireless power transfer in the Fresnel zone using a dynamic, metasurface aperture. Journal of Applied Physics, 2017, 121, .	2.5	77
3	Security screening via computational imaging using frequency-diverse metasurface apertures. , 2017, , .		4
4	INVESTIGATION OF ALIGNMENT ERRORS ON MULTI-STATIC MICROWAVE IMAGING BASED ON FREQUENCY-DIVERSE METAMATERIAL APERTURES. Progress in Electromagnetics Research B, 2016, 70, 101-112.	1.0	10
5	Phase and magnitude constrained metasurface holography at W-band frequencies. Optics Express, 2016, 24, 19372.	3.4	30
6	Wireless Power Transfer in the Radiative Near Field. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1865-1868.	4.0	83
7	Comprehensive simulation platform for a metamaterial imaging system. Applied Optics, 2015, 54, 9343.	2.1	112
8	Quasi-Static Magnetic Field Shielding Using Longitudinal Mu-Near-Zero Metamaterials. Scientific Reports, 2015, 5, 12764.	3.3	43
9	RESOLUTION OF THE FREQUENCY DIVERSE METAMATERIAL APERTURE IMAGER. Progress in Electromagnetics Research, 2015, 150, 97-107.	4.4	93
10	Metamaterial microwave holographic imaging system. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2014, 31, 2109.	1.5	145
11	Terahertz compressive imaging with metamaterial spatial light modulators. Nature Photonics, 2014, 8, 605-609.	31.4	676
12	Magnetic Metamaterial Superlens for Increased Range Wireless Power Transfer. Scientific Reports, 2014, 4, 3642.	3.3	138
13	Simulations of 2D metamaterial apertures for coherent computational imaging. , 2013, , .		12
14	Metamaterial Apertures for Computational Imaging. Science, 2013, 339, 310-313.	12.6	474
15	Metamaterial apertures for coherent computational imaging on the physical layer. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2013, 30, 1603.	1.5	176
16	Imaging of diffuse objects with dispersive imagers. , 2013, , .		0
17	Design and fabrication of a metamaterial gradient index diffraction grating at infrared wavelengths. Optics Express, 2011, 19, 24411.	3.4	44