

# Guy Lipworth

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11483042/publications.pdf>

Version: 2024-02-01

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