Brian O Raeker

List of Publications by Year
in descending order

15	175	1478505 6	1474206 9
papers	citations	h-index	g-index

16	16	16	164
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Compound Metaoptics for Amplitude and Phase Control of Wave Fronts. Physical Review Letters, 2019, 122, 113901.	7.8	72
2	Antireflection and Wavefront Manipulation with Cascaded Metasurfaces. Physical Review Applied, 2020, 14, .	3.8	21
3	Verification of Arbitrary Radiation Pattern Control Using a Cylindrical Impedance Metasurface. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 995-998.	4.0	20
4	Arbitrary Transformation of Antenna Radiation Using a Cylindrical Impedance Metasurface. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1101-1104.	4.0	17
5	Arbitrary Transformation of Radiation Patterns Using a Spherical Impedance Metasurface. IEEE Transactions on Antennas and Propagation, 2016, 64, 5243-5250.	5.1	10
6	Allâ€Dielectric Metaâ€Optics for Highâ€Efficiency Independent Amplitude and Phase Manipulation. Advanced Photonics Research, 2022, 3, .	3.6	10
7	Lossless Complex-Valued Optical-Field Control with Compound Metaoptics. Physical Review Applied, 2021, 15, .	3.8	7
8	Paired Metasurfaces for Amplitude and Phase Control of Wavefronts. , 2018, , .		6
9	Fundamentals of Lossless, Reciprocal Bianisotropic Metasurface Design. Photonics, 2021, 8, 197.	2.0	6
10	Near-Reflectionless Wireless Transmission Into the Body With Cascaded Metasurfaces. IEEE Transactions on Antennas and Propagation, 2022, 70, 8379-8388.	5.1	4
11	Spherical metasurface for radiation pattern control. , 2016, , .		1
12	Verification of radiation pattern control using a cylindrical metasurface. , 2016, , .		0
13	Compound Metaoptics for Lossless Amplitude and Phase Control of Wavefronts. , 2019, , .		0
14	High-Efficiency Compound Metaoptics for Independent Amplitude and Phase Control. , 2021, , .		0
15	Spatial Amplitude and Phase Control with High-Efficiency Meta-optics. , 2021, , .		0