

Brian O Raeker

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

175
citations

1478505

6
h-index

1474206

9
g-index

16
all docs

16
docs citations

16
times ranked

164
citing authors

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