

Francesco Aieta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11023436/publications.pdf>

Version: 2024-02-01

16
papers

13,367
citations

686830

13
h-index

1125271

13
g-index

17
all docs

17
docs citations

17
times ranked

7587
citing authors

#	ARTICLE	IF	CITATIONS
1	Light Propagation with Phase Discontinuities: Generalized Laws of Reflection and Refraction. Science, 2011, 334, 333-337.	6.0	7,240
2	Aberration-Free Ultrathin Flat Lenses and Axicons at Telecom Wavelengths Based on Plasmonic Metasurfaces. Nano Letters, 2012, 12, 4932-4936.	4.5	1,528
3	A Broadband, Background-Free Quarter-Wave Plate Based on Plasmonic Metasurfaces. Nano Letters, 2012, 12, 6328-6333.	4.5	1,065
4	Multiwavelength achromatic metasurfaces by dispersive phase compensation. Science, 2015, 347, 1342-1345.	6.0	868
5	Recent advances in planar optics: from plasmonic to dielectric metasurfaces. Optica, 2017, 4, 139.	4.8	837
6	Out-of-Plane Reflection and Refraction of Light by Anisotropic Optical Antenna Metasurfaces with Phase Discontinuities. Nano Letters, 2012, 12, 1702-1706.	4.5	506
7	Ultra-thin plasmonic optical vortex plate based on phase discontinuities. Applied Physics Letters, 2012, 100, .	1.5	451
8	Achromatic Metasurface Lens at Telecommunication Wavelengths. Nano Letters, 2015, 15, 5358-5362.	4.5	367
9	Aberrations of flat lenses and aplanatic metasurfaces. Optics Express, 2013, 21, 31530.	1.7	163
10	Designing large, high-efficiency, high-numerical-aperture, transmissive meta-lenses for visible light. Optics Express, 2016, 24, 5110.	1.7	117
11	High efficiency near diffraction-limited mid-infrared flat lenses based on metasurface reflectarrays. Optics Express, 2016, 24, 18024.	1.7	114
12	Near-Field Imaging of Phased Array Metasurfaces. Nano Letters, 2015, 15, 3851-3858.	4.5	55
13	Reflection and refraction of light from metasurfaces with phase discontinuities. Journal of Nanophotonics, 2012, 6, 063532.	0.4	50
14	Achromatic metasurfaces by dispersive phase compensation. , 2015, , .		5
15	Achromatic metasurfaces enable multi-wavelength flat optical components: demonstration of a dispersion-less beam deflector. , 2015, , .		1
16	Out of plane reflection and refraction of light by plasmonic interfaces with phase discontinuities. , 2012, , .		0