

# Alexander E Minovich

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5603428/publications.pdf>

Version: 2024-02-01

30  
papers

1,765  
citations

394421

19  
h-index

552781

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2464  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional and nonlinear optical metasurfaces. <i>Laser and Photonics Reviews</i> , 2015, 9, 195-213.	8.7	403
2	Generation and Near-Field Imaging of Airy Surface Plasmons. <i>Physical Review Letters</i> , 2011, 107, 116802.	7.8	332
3	Electro-optical switching by liquid-crystal controlled metasurfaces. <i>Optics Express</i> , 2013, 21, 8879.	3.4	163
4	Liquid crystal based nonlinear fishnet metamaterials. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	128
5	Tunable fishnet metamaterials infiltrated by liquid crystals. <i>Applied Physics Letters</i> , 2010, 96, .	3.3	97
6	Airy plasmons: non-diffracting optical surface waves. <i>Laser and Photonics Reviews</i> , 2014, 8, 221-232.	8.7	62
7	Dual-channel spontaneous emission of quantum dots in magnetic metamaterials. <i>Nature Communications</i> , 2013, 4, 2949.	12.8	60
8	Experimental reconstruction of nonlocal response of thermal nonlinear optical media. <i>Optics Letters</i> , 2007, 32, 1599.	3.3	57
9	Filling schemes at submicron scale: Development of submicron sized plasmonic colour filters. <i>Scientific Reports</i> , 2014, 4, 6435.	3.3	55
10	Tilted response of fishnet metamaterials at near-infrared optical wavelengths. <i>Physical Review B</i> , 2010, 81, .	3.2	49
11	Manipulation of Airy surface plasmon beams. <i>Optics Letters</i> , 2013, 38, 1443.	3.3	45
12	Controlling plasmonic hot spots by interfering Airy beams. <i>Optics Letters</i> , 2012, 37, 3402.	3.3	41
13	Experimental control of optical helicity in nanophotonics. <i>Light: Science and Applications</i> , 2014, 3, e183-e183.	16.6	40
14	Mapping phases of singular scalar light fields. <i>Optics Letters</i> , 2008, 33, 89.	3.3	38
15	Spatial dispersion of multilayer fishnet metamaterials. <i>Optics Express</i> , 2012, 20, 15100.	3.4	33
16	Applications of Hybrid Metal-Dielectric Nanostructures: State of the Art. <i>Advanced Photonics Research</i> , 2022, 3, .	3.6	30
17	Observation of optical azimuths. <i>Optics Express</i> , 2009, 17, 23610.	3.4	25
18	Plasmonic Colour Filters Based on Coaxial Holes in Aluminium. <i>Materials</i> , 2017, 10, 383.	2.9	25

#	ARTICLE	IF	CITATIONS
19	Geometric-Phase Metasurfaces Based on Anisotropic Reflection: Generalized Design Rules. ACS Photonics, 2018, 5, 1755-1761.	6.6	22
20	Optical switching in metal-slit arrays on nonlinear dielectric substrates. Optics Letters, 2010, 35, 4211.	3.3	17
21	3D Full-Color Image Projection Based on Reflective Metasurfaces under Incoherent Illumination. Nano Letters, 2020, 20, 4481-4486.	9.1	13
22	Influence of the substrate on negative index fishnet metamaterials. Optics Communications, 2010, 283, 4770-4774.	2.1	9
23	Reflective Metasurfaces for Incoherent Light To Bring Computer Graphics Tricks to Optical Systems. Nano Letters, 2017, 17, 4189-4193.	9.1	9
24	Enhanced transmission of light through periodic and chirped lattices of nanoholes. Optics Communications, 2009, 282, 2023-2027.	2.1	6
25	Lattice-controlled modulation instability in photorefractive feedback systems. Optics Letters, 2010, 35, 3568.	3.3	4
26	Near-field studies of arrays of chirped subwavelength apertures. Physica Status Solidi - Rapid Research Letters, 2010, 4, 253-255.	2.4	2
27	Generation and near-field mapping of Airy plasmons. , 2010, , .		0
28	Near-field observation of Airy plasmons. , 2011, , .		0
29	Near-field mapping of Airy plasmons. , 2011, , .		0
30	Two methods to achieve the tunability of optical fishnet metamaterials. , 2011, , .		0