

# Mohammadreza Khorasaninejad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2535215/publications.pdf>

Version: 2024-02-01

23  
papers

8,551  
citations

331538

21  
h-index

713332

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

5445  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metalenses at visible wavelengths: Diffraction-limited focusing and subwavelength resolution imaging. <i>Science</i> , 2016, 352, 1190-1194.	6.0	2,435
2	A broadband achromatic metalens for focusing and imaging in the visible. <i>Nature Nanotechnology</i> , 2018, 13, 220-226.	15.6	1,190
3	Recent advances in planar optics: from plasmonic to dielectric metasurfaces. <i>Optica</i> , 2017, 4, 139.	4.8	837
4	Metalenses: Versatile multifunctional photonic components. <i>Science</i> , 2017, 358, .	6.0	671
5	Achromatic Metalens over 60 nm Bandwidth in the Visible and Metalens with Reverse Chromatic Dispersion. <i>Nano Letters</i> , 2017, 17, 1819-1824.	4.5	453
6	Broadband high-efficiency dielectric metasurfaces for the visible spectrum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10473-10478.	3.3	417
7	Achromatic Metasurface Lens at Telecommunication Wavelengths. <i>Nano Letters</i> , 2015, 15, 5358-5362.	4.5	367
8	Broadband and chiral binary dielectric meta-holograms. <i>Science Advances</i> , 2016, 2, e1501258.	4.7	266
9	Nano-optic endoscope for high-resolution optical coherence tomography in vivo. <i>Nature Photonics</i> , 2018, 12, 540-547.	15.6	255
10	Silicon nanofin grating as a miniature chirality-distinguishing beam-splitter. <i>Nature Communications</i> , 2014, 5, 5386.	5.8	251
11	Giant intrinsic chiro-optical activity in planar dielectric nanostructures. <i>Light: Science and Applications</i> , 2018, 7, 17158-17158.	7.7	234
12	Generation of wavelength-independent subwavelength Bessel beams using metasurfaces. <i>Light: Science and Applications</i> , 2017, 6, e16259-e16259.	7.7	213
13	Single-Layer Metasurface with Controllable Multiwavelength Functions. <i>Nano Letters</i> , 2018, 18, 2420-2427.	4.5	165
14	Spin-to-orbital angular momentum conversion in dielectric metasurfaces. <i>Optics Express</i> , 2017, 25, 377.	1.7	160
15	Immersion Meta-Lenses at Visible Wavelengths for Nanoscale Imaging. <i>Nano Letters</i> , 2017, 17, 3188-3194.	4.5	155
16	High efficiency near diffraction-limited mid-infrared flat lenses based on metasurface reflectarrays. <i>Optics Express</i> , 2016, 24, 18024.	1.7	114
17	Ultra-compact visible chiral spectrometer with meta-lenses. <i>APL Photonics</i> , 2017, 2, .	3.0	108
18	Broadband Multifunctional Efficient Meta-Gratings Based on Dielectric Waveguide Phase Shifters. <i>Nano Letters</i> , 2015, 15, 6709-6715.	4.5	99

#	ARTICLE	IF	CITATIONS
19	Visible Wavelength Planar Metalenses Based on Titanium Dioxide. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 43-58.	1.9	62
20	Imaging Performance of Polarization-Insensitive Metalenses. ACS Photonics, 2019, 6, 1493-1499.	3.2	57
21	High-Operating-Temperature Direct Ink Writing of Mesoscale Eutectic Architectures. Advanced Materials, 2017, 29, 1604778.	11.1	41
22	Macro to nanoscale imaging using planar lenses at visible wavelengths. SPIE Newsroom, 0, , .	0.1	1
23	Planar Optics with High Numerical Apertures at Visible Wavelengths. , 2017, , .		0