

Wei Ting Chen

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1756595/wei-ting-chen-publications-by-citations.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58 papers	8,505 citations	37 h-index	84 g-index
84 ext. papers	10,838 ext. citations	11.7 avg, IF	6.47 L-index

#	Paper	IF	Citations
58	Metalenses at visible wavelengths: Diffraction-limited focusing and subwavelength resolution imaging. <i>Science</i> , 2016 , 352, 1190-4	33.3	1638
57	High-efficiency broadband anomalous reflection by gradient meta-surfaces. <i>Nano Letters</i> , 2012 , 12, 6223-8	11.5	856
56	A broadband achromatic metalens for focusing and imaging in the visible. <i>Nature Nanotechnology</i> , 2018 , 13, 220-226	28.7	708
55	High-efficiency broadband meta-hologram with polarization-controlled dual images. <i>Nano Letters</i> , 2014 , 14, 225-30	11.5	517
54	Aluminum plasmonic multicolor meta-hologram. <i>Nano Letters</i> , 2015 , 15, 3122-7	11.5	373
53	Polarization-Insensitive Metalenses at Visible Wavelengths. <i>Nano Letters</i> , 2016 , 16, 7229-7234	11.5	338
52	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, 10473-8	11.5	313
51	Achromatic Metalens over 60 nm Bandwidth in the Visible and Metalens with Reverse Chromatic Dispersion. <i>Nano Letters</i> , 2017 , 17, 1819-1824	11.5	287
50	Multispectral Chiral Imaging with a Metalens. <i>Nano Letters</i> , 2016 , 16, 4595-600	11.5	242
49	Matrix Fourier optics enables a compact full-Stokes polarization camera. <i>Science</i> , 2019 , 365,	33.3	226
48	Versatile Polarization Generation with an Aluminum Plasmonic Metasurface. <i>Nano Letters</i> , 2017 , 17, 4451-452	11.5	220
47	Meta-Lens Doublet in the Visible Region. <i>Nano Letters</i> , 2017 , 17, 4902-4907	11.5	202
46	A broadband achromatic polarization-insensitive metalens consisting of anisotropic nanostructures. <i>Nature Communications</i> , 2019 , 10, 355	17.4	167
45	Flat optics with dispersion-engineered metasurfaces. <i>Nature Reviews Materials</i> , 2020 , 5, 604-620	73.3	156
44	Optical Anapole Metamaterial. <i>ACS Nano</i> , 2018 , 12, 1920-1927	16.7	142
43	Giant intrinsic chiro-optical activity in planar dielectric nanostructures. <i>Light: Science and Applications</i> , 2018 , 7, 17158	16.7	141
42	Design of plasmonic toroidal metamaterials at optical frequencies. <i>Optics Express</i> , 2012 , 20, 1760-8	3.3	137

41	Super-Dispersive Off-Axis Meta-Lenses for Compact High Resolution Spectroscopy. <i>Nano Letters</i> , 2016 , 16, 3732-7	11.5	131
40	Generation of wavelength-independent subwavelength Bessel beams using metasurfaces. <i>Light: Science and Applications</i> , 2017 , 6, e16259	16.7	127
39	Single-Layer Metasurface with Controllable Multiwavelength Functions. <i>Nano Letters</i> , 2018 , 18, 2420-2427	11.5	119
38	Immersion Meta-Lenses at Visible Wavelengths for Nanoscale Imaging. <i>Nano Letters</i> , 2017 , 17, 3188-3194	11.5	101
37	Toroidal lasing spaser. <i>Scientific Reports</i> , 2013 , 3, 1237	4.9	99
36	Integrated plasmonic metasurfaces for spectropolarimetry. <i>Nanotechnology</i> , 2016 , 27, 224002	3.4	89
35	All-Glass, Large Metalens at Visible Wavelength Using Deep-Ultraviolet Projection Lithography. <i>Nano Letters</i> , 2019 , 19, 8673-8682	11.5	82
34	Broadband Achromatic Metasurface-Refractive Optics. <i>Nano Letters</i> , 2018 , 18, 7801-7808	11.5	79
33	Optical magnetic response in three-dimensional metamaterial of upright plasmonic meta-molecules. <i>Optics Express</i> , 2011 , 19, 12837-42	3.3	77
32	Vertical split-ring resonator based nanoplasmonic sensor. <i>Applied Physics Letters</i> , 2014 , 105, 033105	3.4	64
31	Magnetic plasmon induced transparency in three-dimensional metamolecules. <i>Nanophotonics</i> , 2012 , 1, 131-138	6.3	57
30	Continuous angle-tunable birefringence with freeform metasurfaces for arbitrary polarization conversion. <i>Science Advances</i> , 2020 , 6, eaba3367	14.3	56
29	Plasmon coupling in vertical split-ring resonator metamolecules. <i>Scientific Reports</i> , 2015 , 5, 9726	4.9	53
28	Dielectric multi-momentum meta-transformer in the visible. <i>Nature Communications</i> , 2019 , 10, 4789	17.4	50
27	Fabrication of three dimensional split ring resonators by stress-driven assembly method. <i>Optics Express</i> , 2012 , 20, 9415-20	3.3	45
26	Toroidal circular dichroism. <i>Physical Review B</i> , 2016 , 94,	3.3	42
25	Meta-optics achieves RGB-achromatic focusing for virtual reality. <i>Science Advances</i> , 2021 , 7,	14.3	42
24	Vertical split-ring resonator based anomalous beam steering with high extinction ratio. <i>Scientific Reports</i> , 2015 , 5, 11226	4.9	40

23	Visible Wavelength Planar Metalenses Based on Titanium Dioxide. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2017 , 23, 43-58	3.8	40
22	Fabrication of multilayer metamaterials by femtosecond laser-induced forward-transfer technique. <i>Laser and Photonics Reviews</i> , 2012 , 6, 702-707	8.3	40
21	Tunable plasmonic resonance arising from broken-symmetric silver nanobeads with dielectric cores. <i>Journal of Optics (United Kingdom)</i> , 2012 , 14, 114010	1.7	37
20	Frequency combs induced by phase turbulence. <i>Nature</i> , 2020 , 582, 360-364	50.4	36
19	Electromagnetic energy vortex associated with sub-wavelength plasmonic Taiji marks. <i>Optics Express</i> , 2010 , 18, 19665-71	3.3	35
18	Imaging Performance of Polarization-Insensitive Metalenses. <i>ACS Photonics</i> , 2019 , 6, 1493-1499	6.3	34
17	A combinatorial approach to metamaterials discovery. <i>Journal of Optics (United Kingdom)</i> , 2011 , 13, 055102	10.2	33
16	Ultrafast Thermal Nonlinearity. <i>Scientific Reports</i> , 2015 , 5, 17899	4.9	31
15	Toward omnidirectional light absorption by plasmonic effect for high-efficiency flexible nonvacuum Cu(In,Ga)Se ₂ thin film solar cells. <i>ACS Nano</i> , 2014 , 8, 9341-8	16.7	29
14	High-Operating-Temperature Direct Ink Writing of Mesoscale Eutectic Architectures. <i>Advanced Materials</i> , 2017 , 29, 1604778	24	28
13	Sub-wavelength GaN-based membrane high contrast grating reflectors. <i>Optics Express</i> , 2012 , 20, 20551-3	3.3	27
12	Compact Aberration-Corrected Spectrometers in the Visible Using Dispersion-Tailored Metasurfaces. <i>Advanced Optical Materials</i> , 2019 , 7, 1801144	8.1	27
11	Manipulation of multidimensional plasmonic spectra for information storage. <i>Applied Physics Letters</i> , 2011 , 98, 171106	3.4	20
10	Will flat optics appear in everyday life anytime soon?. <i>Applied Physics Letters</i> , 2021 , 118, 100503	3.4	20
9	Fabrication of three-dimensional plasmonic cavity by femtosecond laser-induced forward transfer. <i>Optics Express</i> , 2013 , 21, 618-25	3.3	19
8	Controlling dispersion in multifunctional metasurfaces. <i>APL Photonics</i> , 2020 , 5, 056107	5.2	17
7	Three-dimensional metamaterials: from split ring resonator to toroidal metamolecule 2014 ,		5
6	Optical toroidal response in three-dimensional plasmonic metamaterial 2015 ,		3

5	Manipulation of spectral amplitude and phase with plasmonic nano-structures for information storage. <i>Frontiers of Optoelectronics</i> , 2014 , 7, 437-442	2.8	2
4	Vertical split-ring resonators for plasmon coupling, sensing and metasurface 2015 ,		1
3	Slow light nanocoatings for ultrashort pulse compression. <i>Nature Communications</i> , 2021 , 12, 6518	17.4	1
2	Coherent Raman scattering imaging with a near-infrared achromatic metalens. <i>APL Photonics</i> , 2021 , 6, 096107	5.2	1
1	Adjoint-optimized metasurfaces for compact mode-division multiplexing.. <i>ACS Photonics</i> , 2022 , 9, 929-937	37.3	1