

# Adam C Overvig

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6182007/publications.pdf>

Version: 2024-02-01

20  
papers

3,155  
citations

471061

17  
h-index

794141

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

2633  
citing authors

#	ARTICLE	IF	CITATIONS
1	Planar chiral metasurfaces with maximal and tunable chiroptical response driven by bound states in the continuum. <i>Nature Communications</i> , 2022, 13, .	5.8	131
2	Diffractive Nonlocal Metasurfaces. <i>Laser and Photonics Reviews</i> , 2022, 16, .	4.4	63
3	Multifunctional Resonant Wavefront-Shaping Meta-Optics. , 2021, , .		0
4	Chiral Quasi-Bound States in the Continuum. <i>Physical Review Letters</i> , 2021, 126, 073001.	2.9	145
5	Wavefront-selective Fano resonant metasurfaces. <i>Advanced Photonics</i> , 2021, 3, .	6.2	40
6	Thermal Metasurfaces: Complete Emission Control by Combining Local and Nonlocal Light-Matter Interactions. <i>Physical Review X</i> , 2021, 11, .	2.8	39
7	Selection rules for quasibound states in the continuum. <i>Physical Review B</i> , 2020, 102, .	1.1	129
8	Multifunctional Nonlocal Metasurfaces. <i>Physical Review Letters</i> , 2020, 125, 017402.	2.9	109
9	Enhanced harmonic generation in gases using an all-dielectric metasurface. <i>Nanophotonics</i> , 2020, 10, 733-740.	2.9	11
10	Active nonlocal metasurfaces. <i>Nanophotonics</i> , 2020, 10, 655-665.	2.9	40
11	Dielectric metasurfaces for complete and independent control of the optical amplitude and phase. <i>Light: Science and Applications</i> , 2019, 8, 92.	7.7	278
12	Porous Polymers with Switchable Optical Transmittance for Optical and Thermal Regulation. <i>Joule</i> , 2019, 3, 3088-3099.	11.7	175
13	Broadband achromatic dielectric metalenses. <i>Light: Science and Applications</i> , 2018, 7, 85.	7.7	449
14	Hierarchically porous polymer coatings for highly efficient passive daytime radiative cooling. <i>Science</i> , 2018, 362, 315-319.	6.0	1,120
15	Nanostructured fibers as a versatile photonic platform: radiative cooling and waveguiding through transverse Anderson localization. <i>Light: Science and Applications</i> , 2018, 7, 37.	7.7	60
16	Indium Tin Oxide Broadband Metasurface Absorber. <i>ACS Photonics</i> , 2018, 5, 3526-3533.	3.2	78
17	Dimerized high contrast gratings. <i>Nanophotonics</i> , 2018, 7, 1157-1168.	2.9	93
18	Selective Solar Absorbers: Scalable, $\text{Co}^0$ Dipole and Dry Fabrication of a Wide-Angle Plasmonic Selective Absorber for High-Efficiency Solar Thermal Energy Conversion ( <i>Adv. Mater.</i> 41/2017). <i>Advanced Materials</i> , 2017, 29, .	11.1	2

#	ARTICLE	IF	CITATIONS
19	Scalable, “Dip-and-Dry” Fabrication of a Wide-Angle Plasmonic Selective Absorber for High-Efficiency Solar-Thermal Energy Conversion. <i>Advanced Materials</i> , 2017, 29, 1702156.	11.1	119
20	Tunability of indium tin oxide materials for mid-infrared plasmonics applications. <i>Optical Materials Express</i> , 2017, 7, 2727.	1.6	74