Adam C Overvig

List of Publications by Year
in descending order

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

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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	Hierarchically porous polymer coatings for highly efficient passive daytime radiative cooling. Science, 2018, 362, 315-319.	6.0	1,120
2	Broadband achromatic dielectric metalenses. Light: Science and Applications, 2018, 7, 85.	7.7	449
3	Dielectric metasurfaces for complete and independent control of the optical amplitude and phase. Light: Science and Applications, 2019, 8, 92.	7.7	278
4	Porous Polymers with Switchable Optical Transmittance for Optical and Thermal Regulation. Joule, 2019, 3, 3088-3099.	11.7	175
5	Chiral Quasi-Bound States in the Continuum. Physical Review Letters, 2021, 126, 073001.	2.9	145
6	Planar chiral metasurfaces with maximal and tunable chiroptical response driven by bound states in the continuum. Nature Communications, 2022, 13, .	5.8	131
7	Selection rules for quasibound states in the continuum. Physical Review B, 2020, 102, .	1.1	129
8	Scalable, â€œDipâ€andâ€Dryâ€•Fabrication of a Wideâ€Angle Plasmonic Selective Absorber for Highâ€Efficiency Solarâ€“Thermal Energy Conversion. Advanced Materials, 2017, 29, 1702156.	11.1	119
9	Multifunctional Nonlocal Metasurfaces. Physical Review Letters, 2020, 125, 017402.	2.9	109
10	Dimerized high contrast gratings. Nanophotonics, 2018, 7, 1157-1168.	2.9	93
11	Indium Tin Oxide Broadband Metasurface Absorber. ACS Photonics, 2018, 5, 3526-3533.	3.2	78
12	Tunability of indium tin oxide materials for mid-infrared plasmonics applications. Optical Materials Express, 2017, 7, 2727.	1.6	74
13	Diffractive Nonlocal Metasurfaces. Laser and Photonics Reviews, 2022, 16, .	4.4	63
14	Nanostructured fibers as a versatile photonic platform: radiative cooling and waveguiding through transverse Anderson localization. Light: Science and Applications, 2018, 7, 37.	7.7	60
15	Wavefront-selective Fano resonant metasurfaces. Advanced Photonics, 2021, 3, .	6.2	40
16	Active nonlocal metasurfaces. Nanophotonics, 2020, 10, 655-665.	2.9	40
17	Thermal Metasurfaces: Complete Emission Control by Combining Local and Nonlocal Light-Matter Interactions. Physical Review X, 2021, 11, .	2.8	39
18	Enhanced harmonic generation in gases using an all-dielectric metasurface. Nanophotonics, 2020, 10, 733-740.	2.9	11

#	Article	IF	Citations
19	Selective Solar Absorbers: Scalable, â€œDipâ€andâ€Dryâ€•Fabrication of a Wideâ€Angle Plasmonic Selective Absorber for Highâ€Efficiency Solarâ€“Thermal Energy Conversion (Adv. Mater. 41/2017). Advanced Materials, 2017, 29, .	11.1	2
20	Multifunctional Resonant Wavefront-Shaping Meta-Optics. , 2021, , .		0