

# Ben Hopkins

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,991  
citations

566801

15  
h-index

794141

19  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2239  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Third-Harmonic Generation in Silicon Nanoparticles Driven by Magnetic Response. Nano Letters, 2014, 14, 6488-6492.	4.5	522
2	Invited Article: Broadband highly efficient dielectric metadevices for polarization control. APL Photonics, 2016, 1, .	3.0	320
3	Multifold Enhancement of Third-Harmonic Generation in Dielectric Nanoparticles Driven by Magnetic Fano Resonances. Nano Letters, 2016, 16, 4857-4861.	4.5	176
4	Observation of Fano Resonances in All-Dielectric Nanoparticle Oligomers. Small, 2014, 10, 1985-1990.	5.2	164
5	Nonlinear Interference and Tailorable Third-Harmonic Generation from Dielectric Oligomers. ACS Photonics, 2015, 2, 578-582.	3.2	124
6	Revisiting the physics of Fano resonances for nanoparticle oligomers. Physical Review A, 2013, 88, .	1.0	119
7	Interplay of Magnetic Responses in All-Dielectric Oligomers To Realize Magnetic Fano Resonances. ACS Photonics, 2015, 2, 724-729.	3.2	99
8	Circular dichroism induced by Fano resonances in planar chiral oligomers. Laser and Photonics Reviews, 2016, 10, 137-146.	4.4	85
9	Nonlinear Anisotropic Dielectric Metasurfaces for Ultrafast Nanophotonics. ACS Photonics, 2017, 4, 2129-2136.	3.2	70
10	Near-field mapping of Fano resonances in all-dielectric oligomers. Applied Physics Letters, 2014, 104, .	1.5	64
11	Optically isotropic responses induced by discrete rotational symmetry of nanoparticle clusters. Nanoscale, 2013, 5, 6395.	2.8	62
12	Plasmonic Nanoclusters with Rotational Symmetry: Polarization-Invariant Far-Field Response vs Changing Near-Field Distribution. ACS Nano, 2013, 7, 11138-11146.	7.3	53
13	Active tuning of high-Q dielectric metasurfaces. Applied Physics Letters, 2017, 111, .	1.5	44
14	Nonlinear Symmetry Breaking in Symmetric Oligomers. ACS Photonics, 2017, 4, 454-461.	3.2	32
15	Hybridization and the origin of Fano resonances in symmetric nanoparticle trimers. Physical Review B, 2015, 92, .	1.1	29
16	Optical Chirality from Dark-Field Illumination of Planar Plasmonic Nanostructures. Laser and Photonics Reviews, 2017, 11, 1700216.	4.4	11
17	Fano Resonance Enhanced Nonreciprocal Absorption and Scattering of Light. Photonics, 2015, 2, 745-757.	0.9	7
18	Polarisation-independent enhanced scattering by tailoring asymmetric plasmonic systems. Nanoscale, 2016, 8, 6021-6027.	2.8	7

#	ARTICLE	IF	CITATIONS
19	Circular dichroism from Fano resonances in planar chiral oligomers. , 2015, , .		2
20	One-Way Leaky-Cladding Meta-Waveguides Based on Accidental Dirac Cones. IEEE Transactions on Antennas and Propagation, 2020, 68, 1733-1738.	3.1	1
21	Third-harmonic spectroscopy of all-dielectric oligomers with both electric and magnetic resonances. , 2014, , .		0
22	Third-Harmonic Generation from Silicon Oligomers and Metasurfaces. , 2015, , .		0
23	Enhanced third-harmonic generation in silicon oligomers driven by magnetic Fano resonance. , 2016, , .		0
24	Broadband transparent all-dielectric metasurfaces. , 2017, , .		0