

# Yonghao Cui

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

994  
citations

686830

13  
h-index

887659

17  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1552  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intensity-dependent modulation of optically active signals in a chiral metamaterial. Nature Communications, 2017, 8, .	5.8	69
2	Modulating optically active signals in a chiral metamaterial with varied input intensities. , 2017, , .		0
3	Electrically Tunable Harmonic Generation of Light from Plasmonic Structures in Electrolytes. Nano Letters, 2016, 16, 5074-5079.	4.5	19
4	A Chiral Metamaterial for Chiral Responsive Optoelectronic Transduction. , 2016, , .		1
5	Backward Phase-Matching in Negative-Index Materials. , 2016, , .		0
6	Achiral Nanoprobes Extract Chiral Signals from within Chiral Metamaterials. , 2016, , .		0
7	An Active Metamaterial Platform for Chiral Responsive Optoelectronics. Advanced Materials, 2015, 27, 4377-4383.	11.1	70
8	Backward phase-matching for nonlinear optical generation in negative-index materials. Nature Materials, 2015, 14, 807-811.	13.3	73
9	Metamaterials Enable Chiral-Selective Enhancement of Two-Photon Luminescence from Quantum Emitters. Advanced Materials, 2015, 27, 1124-1130.	11.1	46
10	Enhancement of Two-Photon Luminescence from Quantum Emitters: Metamaterial-Enabled Chiral Selectivity. , 2015, , .		0
11	One-Step Combined-Nanolithography-and-Photolithography for a 2D Photonic Crystal TM Polarizer. Micromachines, 2014, 5, 228-238.	1.4	6
12	Giant Chiral Optical Response from a Twisted-Arc Metamaterial. Nano Letters, 2014, 14, 1021-1025.	4.5	268
13	Air-Suspended Fast Transient Tunable Silicon Photonic Crystal Waveguide. IEEE Photonics Technology Letters, 2014, 26, 603-605.	1.3	2
14	Nonlinear Imaging and Spectroscopy of Chiral Metamaterials. Advanced Materials, 2014, 26, 6157-6162.	11.1	138
15	Electrifying photonic metamaterials for tunable nonlinear optics. Nature Communications, 2014, 5, 4680.	5.8	90
16	Nanorod orientation dependence of tunable Fano resonance in plasmonic nanorod heptamers. Nanoscale, 2013, 5, 1592.	2.8	21
17	Dynamic Tuning and Symmetry Lowering of Fano Resonance in Plasmonic Nanostructure. ACS Nano, 2012, 6, 2385-2393.	7.3	113
18	Silicon-Based Thermo-Optically Tunable Photonic Crystal Lens. IEEE Photonics Technology Letters, 2010, 22, 21-23.	1.3	17

#	ARTICLE	IF	CITATIONS
19	Thermo-optically tunable silicon photonic crystal light modulator. Optics Letters, 2010, 35, 3613.	1.7	20
20	Feasibility Assessment and Analysis of a Forward Injected Photonic Crystal Device. IEEE Nanotechnology Magazine, 2009, 8, 391-401.	1.1	0
21	De-tethering of high aspect ratio metallic and polymeric MEMS/NEMS parts for the direct pick-and-place assembly of 3D microsystem. Microsystem Technologies, 2008, 14, 1621-1626.	1.2	3
22	Silicon-Based 2-D Slab Photonic Crystal TM Polarizer at Telecommunication Wavelength. IEEE Photonics Technology Letters, 2008, 20, 641-643.	1.3	33
23	Corrections to "Silicon-Based 2-D Slab Photonic Crystal TM Polarizer at Telecommunication Wavelength" [15 Apr 08 641-643]. IEEE Photonics Technology Letters, 2008, 20, 1276-1276.	1.3	1
24	Silicon-based 2D slab nano photonic crystal TM polarizer in telecommunication wavelength. , 2007, , .		0
25	High-Aspect Ratio Metallic Nano Grippers. , 2006, , .		4