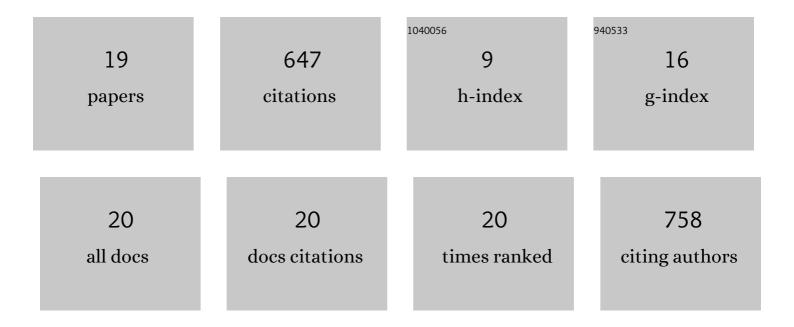
Yongyao Chen

List of Publications by Year in descending order

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YONCYAO CHEN

#	Article	IF	CITATIONS
1	Acoustic rainbow trapping. Scientific Reports, 2013, 3, .	3.3	240
2	Enhanced acoustic sensing through wave compression and pressure amplification in anisotropic metamaterials. Nature Communications, 2014, 5, 5247.	12.8	158
3	Effective surface plasmon polaritons on the metal wire with arrays of subwavelength grooves. Optics Express, 2006, 14, 13021.	3.4	58
4	Low cost, high performance white-light fiber-optic hydrophone system with a trackable working point. Optics Express, 2016, 24, 19008.	3.4	38
5	On-fiber plasmonic interferometer for multi-parameter sensing. Optics Express, 2015, 23, 10732.	3.4	32
6	Membrane metamaterial resonators with a sharp resonance: A comprehensive study towards practical terahertz filters and sensors. AIP Advances, 2012, 2, .	1.3	30
7	Solution of the fundamental space-filling mode of photonic crystal fibers: numerical method versus analytical approaches. Applied Physics B: Lasers and Optics, 2006, 85, 597-601.	2.2	28
8	Miniature Fiber Optic Acoustic Pressure Sensors With Air-Backed Graphene Diaphragms. Journal of Vibration and Acoustics, Transactions of the ASME, 2019, 141, .	1.6	15
9	Trapping and releasing light by mechanical implementation in metamaterial waveguides. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2011, 28, 272.	1.5	11
10	Characterization of wave physics in acoustic metamaterials using a fiber optic point detector. Applied Physics Letters, 2016, 108, .	3.3	9
11	Planar photonic crystal based multifunctional sensors. Applied Optics, 2017, 56, 1775.	2.1	9
12	Tunable out-of-plane slow light in resonance induced transparent grating waveguide structures. Applied Physics Letters, 2013, 103, 061109.	3.3	7
13	Low-Cost Fiber Optic Cantilever Accelerometer With a Spherical Tip Based on Gaussian Beam Focusing. IEEE Photonics Journal, 2021, 13, 1-6.	2.0	4
14	Bandgap properties of Kagomé photonic crystal fibers. Applied Physics B: Lasers and Optics, 2007, 86, 235-242.	2.2	3
15	Research on Ultrabroadband Acoustic Absorbers Based on Slow-wave Metamaterials. , 2021, , .		2
16	An Improved Strain Sensor Based on Long-Period Fiber Grating With a Local Ellipse-Core Structure. IEEE Sensors Journal, 2022, 22, 11756-11762.	4.7	2
17	Application of effective index method to higher order modes of photonic crystal fibers. Microwave and Optical Technology Letters, 2007, 49, 567-570.	1.4	1
18	Planar photonic crystal based multifunctional sensors: publisher's note. Applied Optics, 2017, 56, 2397.	2.1	0

#	Article	IF	CITATIONS
19	Multi-parameter Sensing Platforms based on Plasmonic Structures and Planar Photonic Crystals. , 2017, , .		0