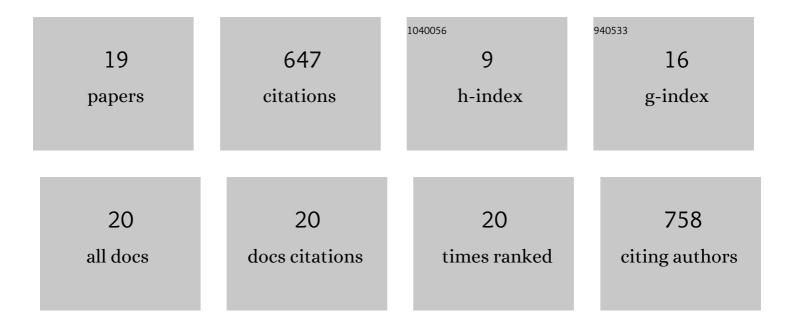
## Yongyao Chen

List of Publications by Year in descending order

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YONCYAO CHEN

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

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | 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        |