

Ying Liu

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Volume holographic recording in Irgacure 784-doped PMMA photopolymer. Optics Express, 2017, 25, 20654. | 3.4 | 48 |
| 2 | Dual-channel recording based on the null reconstruction effect of orthogonal linear polarization holography. Optics Letters, 2017, 42, 1377. | 3.3 | 33 |
| 3 | Null reconstruction of orthogonal circular polarization hologram with large recording angle. Optics Express, 2015, 23, 8880. | 3.4 | 32 |
| 4 | Fast non-interferometric iterative phase retrieval for holographic data storage. Optics Express, 2017, 25, 30905. | 3.4 | 30 |
| 5 | The optical polarization properties of phenanthrenequinone-doped Poly(methyl methacrylate) photopolymer materials for volume holographic storage. Optical Review, 2015, 22, 837-840. | 2.0 | 29 |
| 6 | Improving the polarization-holography performance of PQ/PMMA photopolymer by doping with THMFA. Optics Express, 2018, 26, 17794. | 3.4 | 23 |
| 7 | High spatial resolution multi-channel optically pumped atomic magnetometer based on a spatial light modulator. Optics Express, 2020, 28, 26447. | 3.4 | 23 |
| 8 | A Review of Polarization-Sensitive Materials for Polarization Holography. Materials, 2020, 13, 5562. | 2.9 | 22 |
| 9 | Analysis of effects of magnetic field gradient on atomic spin polarization and relaxation in optically pumped atomic magnetometers. Optics Express, 2022, 30, 3926. | 3.4 | 22 |
| 10 | Enhancement of bandwidth in spin-exchange relaxation-free (SERF) magnetometers with amplitude-modulated light. Applied Physics Letters, 2022, 120, . | 3.3 | 19 |
| 11 | Inverse polarizing effect of an elliptical-polarization recorded hologram at a large cross angle. Optics Letters, 2016, 41, 4126. | 3.3 | 18 |
| 12 | SiO ₂ NPs-PQ/PMMA Photopolymer Material Doped with a High-Concentration Photosensitizer for Holographic Storage. Polymers, 2020, 12, 816. | 4.5 | 17 |
| 13 | Volume holographic recording in Al nanoparticles dispersed phenanthrenequinone-doped poly(methyl) Tj ETQq1 1 0.784314 pgBT /Ov 2.6 18 | 2.6 | 18 |
| 14 | Design of Highly Uniform Magnetic Field Cylinder Coils Based on Grey Wolf Optimizer Algorithm in Atomic Sensors. IEEE Sensors Journal, 2021, 21, 19922-19929. | 4.7 | 11 |
| 15 | Volume Polarization Holographic Recording in Phenanthrenequinone Doped Poly(MMA-co-BzMA) Photopolymer. Chemistry Letters, 2018, 47, 520-523. | 1.3 | 10 |
| 16 | Fast Dynamic Frequency Response-Based Multiparameter Measurement in Spin-Exchange Relaxation-Free Comagnetometers. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10. | 4.7 | 8 |
| 17 | Optimization of beam shaping for ultrasensitive inertial measurement using a phase-only spatial light modulator. Applied Optics, 2022, 61, C55. | 1.8 | 5 |