

Ying Liu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Optimization of beam shaping for ultrasensitive inertial measurement using a phase-only spatial light modulator. <i>Applied Optics</i> , 2022, 61, C55.	1.8	5
2	Analysis of effects of magnetic field gradient on atomic spin polarization and relaxation in optically pumped atomic magnetometers. <i>Optics Express</i> , 2022, 30, 3926.	3.4	22
3	Enhancement of bandwidth in spin-exchange relaxation-free (SERF) magnetometers with amplitude-modulated light. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	19
4	Design of Highly Uniform Magnetic Field Cylinder Coils Based on Grey Wolf Optimizer Algorithm in Atomic Sensors. <i>IEEE Sensors Journal</i> , 2021, 21, 19922-19929.	4.7	11
5	Fast Dynamic Frequency Response-Based Multiparameter Measurement in Spin-Exchange Relaxation-Free Comagnetometers. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-10.	4.7	8
6	A Review of Polarization-Sensitive Materials for Polarization Holography. <i>Materials</i> , 2020, 13, 5562.	2.9	22
7	SiO ₂ NPs-PQ/PMMA Photopolymer Material Doped with a High-Concentration Photosensitizer for Holographic Storage. <i>Polymers</i> , 2020, 12, 816.	4.5	17
8	High spatial resolution multi-channel optically pumped atomic magnetometer based on a spatial light modulator. <i>Optics Express</i> , 2020, 28, 26447.	3.4	23
9	Volume holographic recording in Al nanoparticles dispersed phenanthrenequinone-doped poly(methyl methacrylate) photopolymer. <i>Optics Express</i> , 2019, 27, 26447.	2.6	15
10	Volume Polarization Holographic Recording in Phenanthrenequinone Doped Poly(methyl methacrylate-co-butyl methacrylate) Photopolymer. <i>Chemistry Letters</i> , 2018, 47, 520-523.	1.3	10
11	Improving the polarization-holography performance of PQ/PMMA photopolymer by doping with THMFA. <i>Optics Express</i> , 2018, 26, 17794.	3.4	23
12	Volume holographic recording in Irgacure 784-doped PMMA photopolymer. <i>Optics Express</i> , 2017, 25, 20654.	3.4	48
13	Fast non-interferometric iterative phase retrieval for holographic data storage. <i>Optics Express</i> , 2017, 25, 30905.	3.4	30
14	Dual-channel recording based on the null reconstruction effect of orthogonal linear polarization holography. <i>Optics Letters</i> , 2017, 42, 1377.	3.3	33
15	Inverse polarizing effect of an elliptical-polarization recorded hologram at a large cross angle. <i>Optics Letters</i> , 2016, 41, 4126.	3.3	18
16	The optical polarization properties of phenanthrenequinone-doped Poly(methyl methacrylate) photopolymer materials for volume holographic storage. <i>Optical Review</i> , 2015, 22, 837-840.	2.0	29
17	Null reconstruction of orthogonal circular polarization hologram with large recording angle. <i>Optics Express</i> , 2015, 23, 8880.	3.4	32