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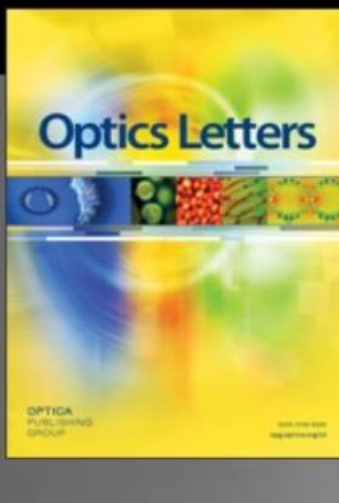
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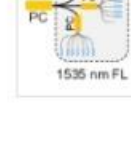
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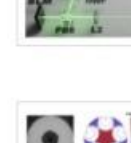


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Fiber Optics and Optical Communications



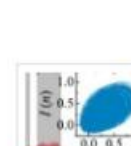
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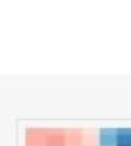
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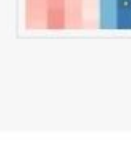
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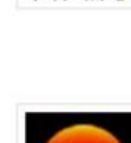


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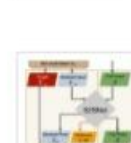


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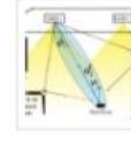


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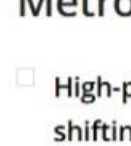
Metasurfaces, Diffraction, and Holography



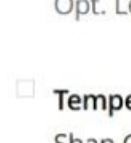
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Metrology

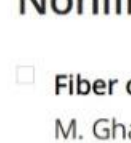


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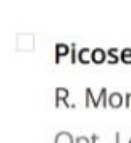


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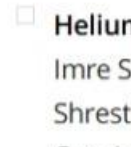
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Thermally prolonged luminescence lifetime by energy migration engineering for optical temperature sensing
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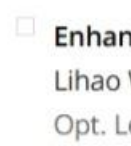


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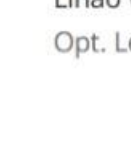
Picosecond supercontinuum generation in all-normal-dispersion optical fibers enabled by polarization instabilities
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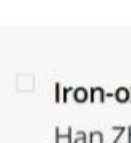
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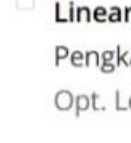


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Propagation-enhanced molecular high-harmonic generation driven by a spatiotemporal vortex field
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Optical Devices



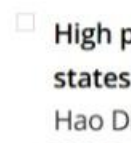
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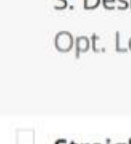


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Linear fluorescent glass for 193 nm detection
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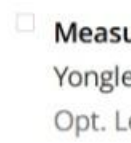


Efficient graphene electro-optic modulation via maximized optical mode overlap
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Photonic Integrated Circuits and Integrated Optics



High-performance grating couplers based on enhanced virtual directional couplers incorporating hybrid quasi-bound states in the continuum
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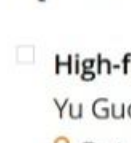


Straight directional couplers via scan-engineered index control for dense photonic integration
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Active feedback stabilization of a clock-transfer link for space-based gravitational-wave detection
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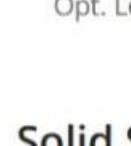


End-to-end super-resolution computational imaging with super-oscillatory light field
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Quantum Optics and Quantum Communication

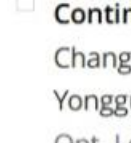


High-fidelity preservation of photonic hyperentanglement in a free-space optical delay line
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Semiconductor Lasers



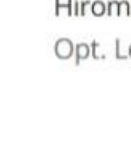
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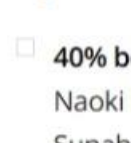
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22.5 W laser emission of Er:CaF₂ crystals at 2.8 μm
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Femtosecond terawatt pulses by multi-dimensional passive coherent beam combination with a Ti:sapphire amplifier
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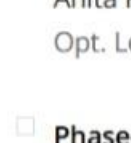


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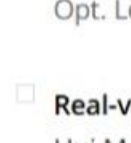


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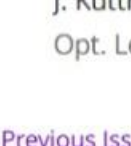


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