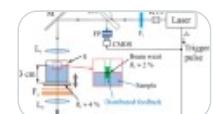


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Ab Initio Study of Isobaric Analog States of Light Nuclei as a Promising Method for the Enrichment and Examination of Spectroscopic Data

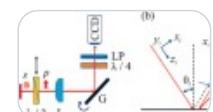
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Stimulated Brillouin Scattering and Optical Breakdown in Water in a Single Laser Pulse When Focusing the Pump Beam on the Surface



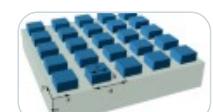
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Photonic Spin Hall Effect in Subwavelength Diffraction Gratings



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Scattering Matrix Interpolation for Modeling Resonant Photonic Crystal Structures Using the Fourier Modal Method



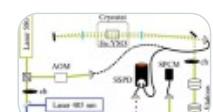
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Some Fundamental and Applied Aspects of Random Laser Generation (Brief Review)



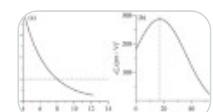
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Quantum Memory Based on a Eu:YSO Crystal: the Storage and Retrieval of Single-Photon States Generated via Spontaneous Parametric Down-Conversion



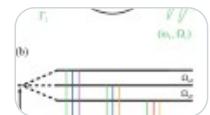
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Generation of Broadband Femtosecond Pulses in the Mid-Infrared Range by Difference-Frequency Generation of Ti:Sapphire Laser Pulses in a BaGa₂GeS₆ Crystal



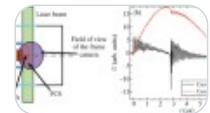
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Cross-Correlations in the Process of Inelastic Scattering of Bichromatic Light on a Ξ System



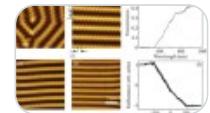
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On the Launching Mechanism of the Plasma Outflow in Plasma Focus Installations



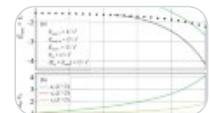
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Linear and Nonlinear Optical Microscopy of Iron Garnet Structures (Brief Review)



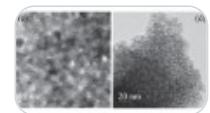
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Orbital Magnetism in Sr_2VO_4 : Competition Between Antiferro-Octupole and Ferromagnetic Orders



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