

# Download Exciton Polaritons In Microcavities New Frontiers

The work investigates the enhancement potential for nonlinear effects of periodically arranged metallic nanostructures consisting of a pair of gold nanowires separated by a thin dielectric spacer of magnesium fluoride (MgF<sub>2</sub>). 2D and 3D solitons and related states, such as quantum droplets, can appear in optical systems, atomic Bose–Einstein condensates (BECs) and liquid crystals, among other physical settings. Andrea Alu lab journal papers ... Preprints (10 papers) 481. A. Cordaro, H. Kwon, D. Sounas, A. F. Koenderink, A. Alù, and A. Polman, “ High-Index Dielectric ...A new approach to control forces and interactions between atoms and molecules, such as those employed by geckos to climb vertical surfaces, could bring advances in new materials for developing quantum light sources. [30] Quantum mechanics rules. It