Title:	Generalized Lorenz-Mie theory of nonlinear optical trapping of core/shell hybrid nanoparticles
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Abstract:	In this paper, we present theoretical studies on nonlinear laser trapping of metal/dielectric core/shell nanoparticles using the generalized Lorenz-Mie theory. We discuss the effect of optical nonlinearity under femtosecond pulsed excitation including the effect of Fano-resonance.
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