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Title:	Generalized Lorenz-Mie theory of nonlinear optical trapping of core/shell hybrid nanoparticles
Authors:	Yadav, Sumit (/jspui/browse?type=author&value=Yadav%2C+Sumit) Devi, Anita (/jspui/browse?type=author&value=Devi%2C+Anita) De, Arijit Kumar (/jspui/browse?type=author&value=De%2C+Arijit+Kumar)
Keywords:	Lorenz-Mie theory Optical trapping
Issue Date:	2022
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Citation:	Proceedings of SPIE - The International Society for Optical Engineering, 12017, 2610747
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.
Description:	Only IISERM authors are available in the record
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