Optical Engineering

OpticalEngineering.SPIEDigitalLibrary.org

Errata: Effect of concentration on the plasmonic absorption and optical nonlinearity of gold nanoparticles

Morvarid Rashidian
Davoud Dorrnian

SPIE.

Errata: Effect of concentration on the plasmonic absorption and optical nonlinearity of gold nanoparticles

Morvarid Rashidian and Davoud Dorrnian*

Islamic Azad University, Science and Research Branch, Plasma Physics Research Center, Laser Laboratory, Tehran, Iran

[DOI: [10.1117/1.OE.53.6.069802](https://doi.org/10.1117/1.OE.53.6.069802)]

This article [*Opt. Eng.* **51**(8), 089001 (2012)] was originally published online on 2 August 2012 with missing references. On p. 5, the paper mentions the “Sheik-Bahae model,” and on p. 6 it mentions the “Cuppo method,” but neither of these methods were cited. References have been added accordingly, and the last 5 references have been renumbered as follows:

28. M. Sheik-Bahae et al., “Sensitive measurement of optical nonlinearities using a single beam,” *IEEE J. Quant. Electron.* **26**(4), 760–769 (1990).

29. H. Aleali et al., “Thermo optical properties of colloids enhanced by gold nanoparticles,” *Jpn. J. Appl. Phys.* **49**(8), 085002 (2010).
30. F. L. S. Cuppo et al., “Thermal-lens model compared with the Sheik-Bahae formalism in interpreting Z-scan experiments on lyotropic liquid crystals,” *JOSA B* **19**(6), 1342–1348 (2002).
31. J. Z. Anvari, R. Karimzadeh, and N. Mansour, “Thermo optical properties and nonlinear responses copper nanoparticles in polysiloxane,” *J. Opt.* **12**(3), 035212 (2010).
32. R. F. Souza et al., “Nonlinear optical properties of Au nanoparticles colloidal system, local and nonlocal responses,” *Appl. Phys. Lett.* **92**(20), 201902 (2008).

This article was corrected online on 13 June 2014.

*Address all correspondence to: Davoud Dorrnian, E-mail: doran@srbiu.ac.ir