

TERS microscopy as a probe for visualizing the orientation of chromophores embedded in the glassy polymers

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Abstract

© Published under licence by IOP Publishing Ltd. Photo-induced effects on azobenzene-functionalized polymer thin films under exposure to strongly focused higher laser modes are investigated. Tip-enhanced Raman scattering microscopy provides a possibility for probing and visualizing the orientation of anisotropic chromophores embedded in the glassy environment at room temperature.

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