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biphotonic excitation

Simultaneous (coherent) absorption of two photons (either same or different wavelength), the energy of excitation being the sum of the energies of the two photons. Also called two-photon excitation.
Note:
This term is sometimes also used for a two-step absorption.

Source:
PAC, 2007, *79*, 293 *(Glossary of terms used in photochemistry, 3rd edition (IUPAC Recommendations 2006))* on page 308

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