

Hole Injection Sequence in BaCuO₂ as Seen by XANES

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Cu-L_{III} XANES data collected on Ba_{0.98}CuO_{1.98+ δ} samples with different oxygen content are reported. The near-edge structures are discussed together with previous conductivity measurements, and an estimate of the hole density evolution with oxygen doping is given. The reported results give evidence of the increase with δ of the localization of doping holes on oxygen atoms.