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Valence state of cations in manganites $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$ ($0.3 \leq x \leq 0.5$) from X-ray diffraction and X-ray photoelectron spectroscopy

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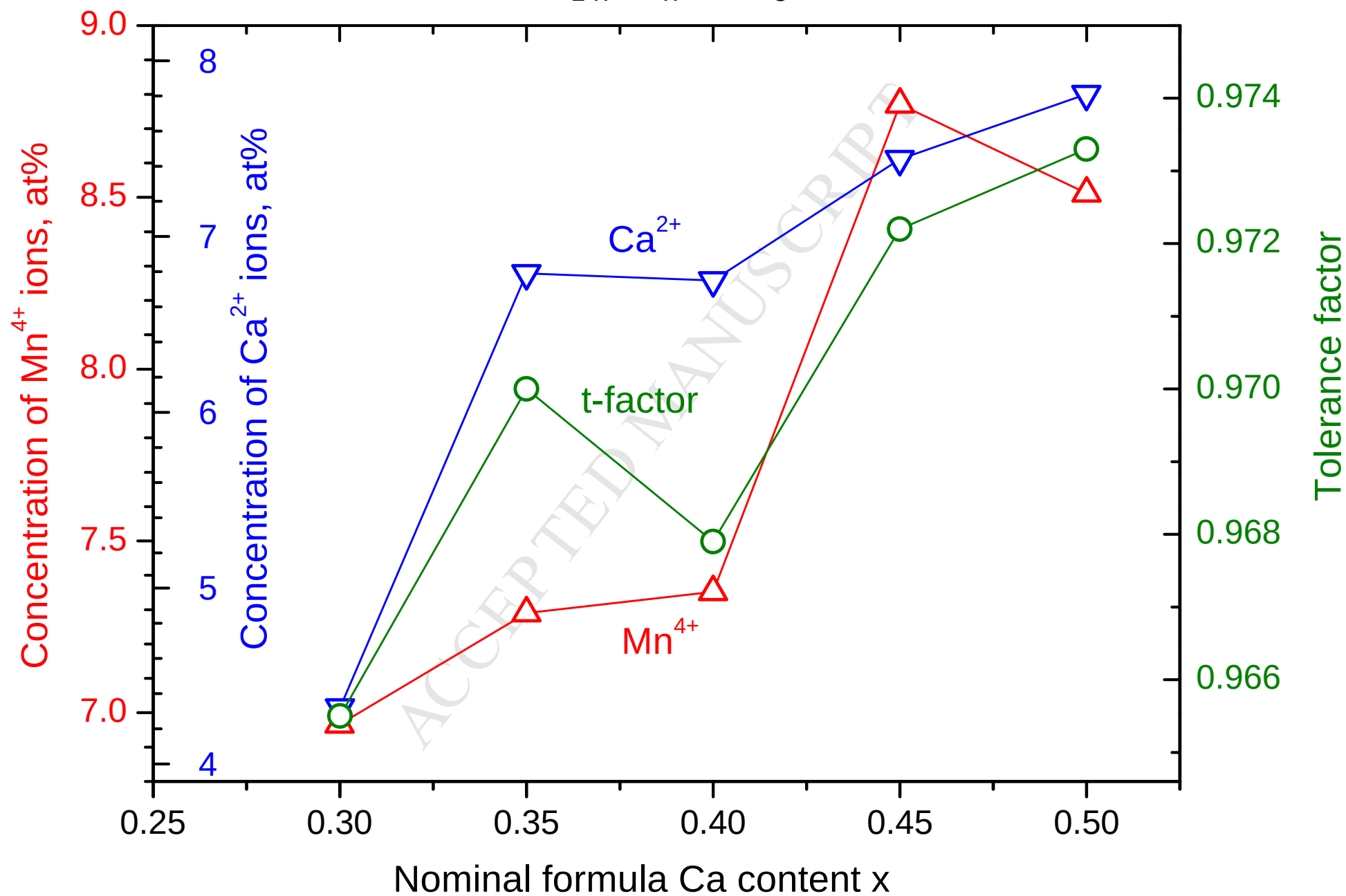
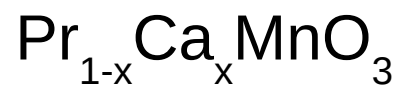
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