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Correction: Origin of the temperature dependence of the energy gap in Cr-doped Bi_2Se_3

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Correction for 'Origin of the temperature dependence of the energy gap in Cr-doped Bi_2Se_3' by Turgut Yilmaz *et al.*, *Phys. Chem. Chem. Phys.*, 2018, DOI: 10.1039/c7cp08049b.

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The authors would like to make the following corrections to their published article:

(1) On page 8627, left column, sentence beginning "For further confirmation...", the formula $Bi_{1.84}Cr_{0.16}Se_3$ should be replaced with $Bi_{1.78}Cr_{0.22}Se_3$ so that the amended sentence reads "For further confirmation, we simulate the electron doping effect by growing extra Cr metal on the surface of $Bi_{1.78}Cr_{0.22}Se_3$ (Fig. 6)."

(2) In Fig. 4, Bi_2Se_3 should be replaced with $Bi_{1.84}Cr_{0.16}Se_3$ as shown in the amended figure below:

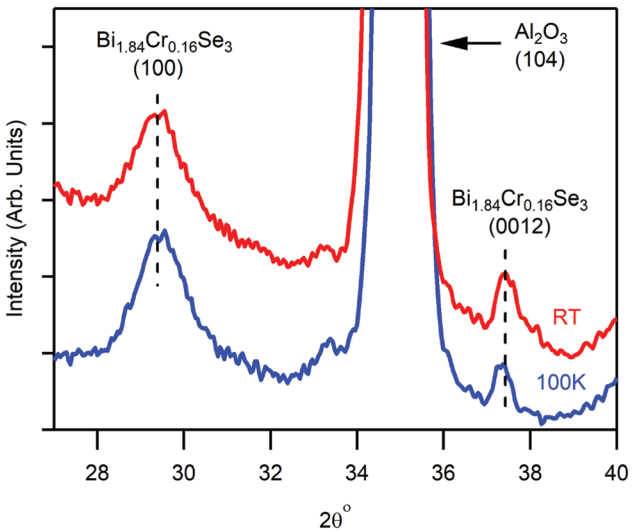

Fig. 4 X-ray diffraction patterns obtained RT (red) and 100 K (blue) for $Bi_{1.84}Cr_{0.16}Se_3$ films grown on Al_2O_3(0001) substrates. Data were collected with Cu Kα radiation (λ = 1.5418 Å). Dashed lines are for guiding the eyes.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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