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Large magnetoelectric response and its origin in bulk Co-doped BiFeO₃ synthesized by a stirred hydrothermal process

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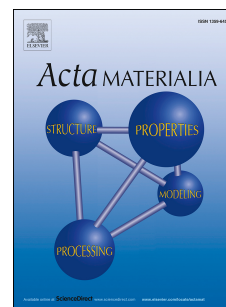
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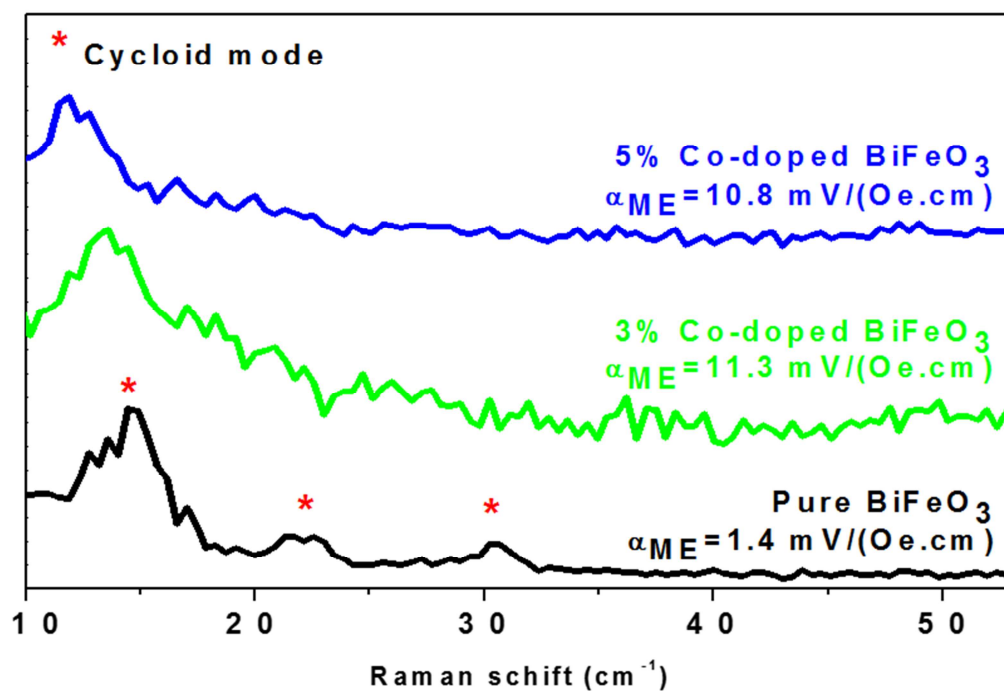
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Low energy Raman spectra showing that Co-doping in BiFeO₃ results in the disappearance of the peak modes associated with the presence of the spin modulation responsible for the inhibition of stronger magnetic response. Once suppressed a 8 times stronger magnetoelectric coefficient α_{ME} is achieved.

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