

## EXPRESSION OF CONCERN

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## Expression of concern: Controllable 2H-to-1T' phase transition in few-layer MoTe<sub>2</sub>

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Expression of concern for 'Controllable 2H-to-1T' phase transition in few-layer MoTe<sub>2</sub>' by Yuan Tan *et al.*, *Nanoscale*, 2018, **10**, 19964–19971.

The following article 'Controllable 2H-to-1T' phase transition in few-layer MoTe<sub>2</sub>' by Yuan Tan,<sup>a</sup> Fang Luo,<sup>b</sup> Mengjian Zhu,<sup>\*b</sup> Xiaolong Xu,<sup>c,d</sup> Yu Ye,<sup>c,d</sup> Bing Li,<sup>e</sup> Guang Wang,<sup>a</sup> Wei Luo,<sup>a</sup> Xiaoming Zheng,<sup>f</sup> Nannan Wu,<sup>a</sup> Yayun Yu,<sup>a</sup> Shiqiao Qin<sup>b</sup> and Xue-Ao Zhang<sup>\*a</sup> has been published in *Nanoscale*. The article reports the laser irradiation-induced phase transition of few-layer MoTe<sub>2</sub> from the 2H to 1T' phase.

*Nanoscale* is publishing this expression of concern in order to alert our readers to the fact that we are presently unable to confirm the accuracy of the presented data based on the Raman spectra published in this article.

The authors are in the process of repeating the experiments as well as providing additional characterisation data to confirm the validity of the claims made in this publication. This notice will be updated when a conclusive outcome is reached.

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Managing Editor, *Nanoscale*