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Yanjun Fang, Yewu Wang,* Yuting Wan, Zongli Wang, and Jian Sha*: Detailed Study on Photoluminescence Property and Growth Mechanism of ZnO Nanowire Arrays Grown by Thermal Evaporation

Page 12474. We attributed the origin of the red peak (located in the range between 750 and 800 nm) in the PL spectra of ZnO nanowire arrays to the interaction between the Zn vacancy and Zn interstitial defects.[1] However, this assignment was incorrect. The red peak, in fact, is the second-order diffraction peak of the UV emission of ZnO nanowire arrays. Wang et al.[2] have also proved that the red peak is not a real emission band from ZnO but a "fake" peak caused by a second-order grating diffraction of the UV emission band.

The correction presented here does not affect any other conclusions of this article. We thank Dr. Mingsong Wang for pointing out this error.

References and Notes

(1) Fang, Y. J.; Wang, Y. W.; Wan, Y. T.; Wang, Z. L.; Sha, J. A. *J. Phys. Chem. C* **2010**, *114*, 12469.

(2) Wang, M. S.; Kim, E. J.; Shin, E. W.; Chung, J. S.; Hahn, S. H.; Park, C. *J. Phys. Chem. C* **2008**, *112*, 1920.

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