SCIENTIFIC REPORTS

OPEN

Corrigendum: Nonvolatile modulation of electronic structure and correlative magnetism of $L1_0$ -FePt films using significant strain induced by shape memory substrates

Chun Feng, Jiancheng Zhao, Feng Yang, Kui Gong, Shijie Hao, Yi Cao, Chen Hu, Jingyan Zhang, Zhongqiang Wang, Lei Chen, Sirui Li, Li Sun, Lishan Cui & Guanghua Yu

Scientific Reports 6:20199; doi: 10.1038/srep20199; published online 01 February 2016; updated on 20 April 2016

This Article contains typographical errors in in the Methods section.

“Mg K_α radiation was used with the X-ray source that was run at 14.5 kV. The energy analyzer operated at a constant pass energy of 50 eV. Since the XPS detectable depth for Fe 2p and Pt 4f electrons are only 5.19 nm and 4.17 nm⁴³, the NiTi(Nb)-SMA/ $L1_0$ -FePt(3 nm)/Ta(5 nm) samples with different elastic strain treatments were designed for the XPS tests.”

should read:

“Al K_α radiation was used with the X-ray source that was run at 14.5 kV. The energy analyzer operated at a constant pass energy of 50 eV. Since the XPS detectable depth for Fe 2p and Pt 4f electrons are only 3.9 nm and 3.2 nm⁴³, the NiTi(Nb)-SMA/ $L1_0$ -FePt(3 nm)/Ta(5 nm) samples with different elastic strain treatments were designed for the XPS tests.”

This work is licensed under a Creative Commons Attribution 4.0 International License. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in the credit line; if the material is not included under the Creative Commons license, users will need to obtain permission from the license holder to reproduce the material. To view a copy of this license, visit <http://creativecommons.org/licenses/by/4.0/>