

Cite this: *RSC Adv.*, 2017, 7, 32591

## Correction: Novel approach to synthesizing polymer-functionalized $\text{Fe}_3\text{O}_4/\text{SiO}_2\text{-NH}_2$ via an ultrasound-assisted method for catalytic selective oxidation of alcohols to aldehydes and ketones in a DMSO/water mixture

Mahsa Dehghan,<sup>b</sup> Atieh Motaharnejad,<sup>c</sup> Mostafa Saadat,<sup>d</sup> Reza Ahdenov,<sup>a</sup> Mirzaagha Babazadeh<sup>\*a</sup> and Rahim Hosseinzadeh-Khanmiri<sup>a</sup>

DOI: 10.1039/c7ra90073b

[www.rsc.org/advances](http://www.rsc.org/advances)

Correction for 'Novel approach to synthesizing polymer-functionalized  $\text{Fe}_3\text{O}_4/\text{SiO}_2\text{-NH}_2$  via an ultrasound-assisted method for catalytic selective oxidation of alcohols to aldehydes and ketones in a DMSO/water mixture' by Mahsa Dehghan *et al.*, *RSC Adv.*, 2015, 5, 92335–92343.

The authors regret that the XRD pattern (a) in Fig. 2, which duplicates data presented in Fig. 1 of ref. 1 for  $\text{Fe}_3\text{O}_4/\text{SiO}_2\text{-FLU}$  NPs, was published in error. A new version of Fig. 2 with the correct XRD pattern for  $\text{Fe}_3\text{O}_4/\text{SiO}_2/\text{PATL}$  is shown below. The replacement XRD pattern has been reviewed by a subject specialist from our team of associate editors who has found that the overall conclusions and scientific findings in the paper remain valid.

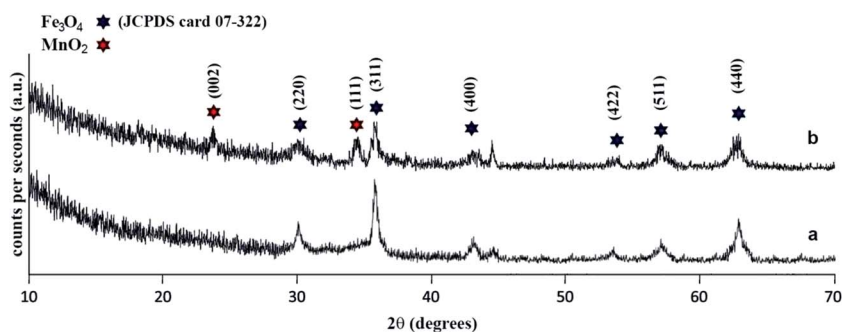


Fig. 2 XRD patterns of (a)  $\text{Fe}_3\text{O}_4/\text{SiO}_2/\text{PATL}$  and (b)  $\text{Fe}_3\text{O}_4/\text{SiO}_2/\text{PATL}/\text{MnO}_2$ .

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

## References

- 1 M. Jafarzadeh, E. Soleimani, H. Sepahvand and R. Adnan, *RSC Adv.*, 2015, 5, 42744–42753.

<sup>a</sup>Department of Chemistry, Tabriz Branch, Islamic Azad University, Tabriz, Iran. E-mail: babazadeh@iaut.ac.ir; Fax: +98-41-33333458; Tel: +98-41-33396024

<sup>b</sup>Department of Organic Chemistry, Faculty of Chemistry, Razi University, Kermanshah 67149-67346, Iran

<sup>c</sup>Department of Physical Chemistry, Faculty of Chemistry, Kashan University, Kashan, Iran

<sup>d</sup>Department of Chemistry, Faculty of Science, Urmia University, Urmia 57154, Iran