

Corrigendum

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Published online: 9 October 2007
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Corrigendum to: J Mater Sci DOI 10.1007/s10853-006-1486-5

It has come to our notice that a paper by entitled *Determination of dopant of ceria system by density functional theory* which was ‘authored’ by Muthukkumaran et al. [1] and was published in the Journal of Materials Science is essentially a reproduction of a paper entitled *Optimization of ionic conductivity in doped ceria* which was authored by Andersson et al. [2] and was published in Proceedings of the National Academy of Science.

There is no doubt that the paper by Andersson is the original work and that the paper by Muthukkumaran et al. does not just plagiarize the results presented in the PNAS paper but actually copies most of it word for word.

The Editors and Publisher of Journal of Materials Science have apologized to the authors and publishers of the PNAS article and are thoroughly investigating the origin of the J Mater Sci article to determine who was complicit in the fabrication. We are in contact with officials at Anna University and the Indira Gandhi Centre for Atomic Research. A report of this investigation will be published in an Editorial when it is completed.

1. Muthukkumaran, K., Bokalawela, R., Mathews, T. and Selladurai, S., J Mater Sci (2007) 42:7461–7466.
2. Andersson, D.A., Simak, S.I., Skorodumova, N.V., Abrikosov, I.A. and Johansson, B., PNAS (2006) 103:3518–3521.

The online version of the original article can be found under doi: [10.1007/s10853-006-1486-5](https://doi.org/10.1007/s10853-006-1486-5).

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