Retraction Note

Retraction Note to: Structural, dielectric and electrical properties of cerium-modified strontium manganite ceramics

P. G. R. Achary¹, Sonali Behera², R. N. P. Choudhary², and S. K. Parida^{2,*}

¹Department of Chemistry, Siksha O Anusandhan Deemed To Be University, Bhubaneswar, India

²Department of Physics, Siksha O Anusandhan Deemed To Be University, Bhubaneswar, India

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The editors have retracted this article. Following publication, a reader noted a number of substantial errors in Sects. 3.2 and 3.3, particularly the following:

1. X-ray diffraction patterns shown in Fig. 1a and 1b are measured in the 2θ -range from 10° to 80° , while subsequent calculations suggest that the data are from 2θ values which are greater than 180° .
2. Errors in the quoted Scherrer formula should be written as $\cos\theta = (0.892/D)(1/\beta)$.
3. Errors in the calculations after Fig. 2a included imprecise ranges on the vertical axis.
4. Errors in the slope of the approximation line result in negative values for the average size of the crystallites.
5. Errors in the plot presented in Fig. 2b.
6. Lack of correspondence between data presented in Fig. 2c. and SEM micrographs.
7. Highly unusual values on the agglomeration rate.
8. Errors in data presented in Table 1 suggest that the Rietveld refinement was not made contrary to the statement present in the text.
9. Incorrect use of the term “phase transition” when changing the composition of the crystal (hereby incorporation of Ce ions).

The original article can be found online at <https://doi.org/10.1007/s10854-021-05295-w>.

Address correspondence to E-mail: santoshparida@soa.ac.in

As a result of these errors, the Editors no longer have confidence in the results and conclusions of this article. The authors have been invited to submit a revised manuscript for further peer review.

P.G.R. Achary and S.K. Parida agree with this retraction but not with the wording of this retraction

notice. Sonali Behara and R.N.P. Choudhary have not responded to correspondence about this retraction.

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