Correction to: Dielectric relaxation and thermally activated a.c. conduction in (PVDF)/(rGO) nano-composites: role of rGO over different fillers

Mervat Ismail Mohammed¹ · Suzan Salah Fouad¹ · Neeraj Mehta²

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Correction to:

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Unfortunately, the original version of this article has been published with error in Abstract, Table 1, Sect. 3.5 and Figs. 5 and 9.

This has been corrected by publishing this correction article.

The corrections are given below:

In the third sentence of the abstract, “The dielectric measurements of PVDF/rGO nano-composites show a high dielectric constant and low dielectric loss factor.” should be written as “The dielectric measurements of PVDF/rGO nano-composites show a high dielectric constant and high dielectric loss factor at lower frequency where its values decrease with increasing frequency.”

Table 1 given in the original version has now been corrected in this erratum (Table 1).

Figure 5 in the original version has now been corrected in this erratum (Fig. 5).

In Sect. 3.5 (Effect of the temperature on the dielectric behavior of the PVDF/rGO films) of the original version, “it is observed that the value of exponent s lies in the range

Table 1 Variation of the activation energy ΔE_{ac} and the relaxation time τ_m with rGO content

PVDF/rGO (vol%)	ΔE_{ac} (eV) at 10 kHz	ΔE_{ac} (eV) at 100 kHz	τ_m (s)
0	0.22	0.16	7.96×10^{-4}
0.45	0.21	0.12	1.77×10^{-4}
0.9	0.18	0.10	1.33×10^{-4}
1.8	0.14	0.08	1.59×10^{-4}
2.7	0.13	0.081	2.65×10^{-4}

Fig. 5 Plots of $\log \sigma$ and $\log f$ for all nano-composites at 363 K

The original article can be found online at <https://doi.org/10.1007/s10854-018-9941-z>.

✉ Neeraj Mehta
dr_neeraj_mehta@yahoo.co.in

¹ Department of Physics, Faculty of Education, Ain Shams University, Cairo, Egypt

² Department of Physics, Institute of Science, Banaras Hindu University, Varanasi, India

Fig. 9 **a** $\ln \omega$ -dependent σ_{ac} of the PVDF–1.8 vol% rGO nano-composite films at different temperatures. **b** The dependence of s on temperature

0.18–0.74, which is less than unity” should be written as “It is observed that the value of exponent s lies in the range 0.74–0.18 which is less than unity.”

Figure 9 in the original version has now been corrected in this erratum (Fig. 9).

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