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Retraction

Retracted: Properties of PbS: Ni^{2+} Nanocrystals in Thin Films by Chemical Bath Deposition

ISRN Nanotechnology

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ISRN Nanotechnology has retracted the article titled "Properties of PbS: Ni^{2+} Nanocrystals in Thin Films by Chemical Bath Deposition" [1]. As originally raised on PubPeer [2], significant data duplication was identified with another publication by Lima et al. [3]. The concerns are as follows:

(i) Table 1 shows the same atomic concentrations, and the corresponding EDAX pattern is identical.

(ii) The SEM figures are identical.

(iii) The XRD figures in both articles are identical.

The duplicated data in these publications appear to correspond to the same dataset; however, additional concerns were identified within the article as follows:

(i) Figures 2(b), 2(d), and 2(f) have been duplicated in another publication by the same group, in which a different doping agent, mercury, is used [4]. There is also overlap between Figure 2(b) in [1] and Figure 2(a) in [5], where bismuth is reported as the doping agent.

(ii) Within the article, there is an apparent duplication of Raman spectra in Figure 10 (PbS-Ni6/PbS-Ni4 and PbS-Ni2/PbS-Ni0).

The journal and editorial board are retracting the article due to concerns that the data in this article are not reliable. The authors do not agree to the retraction.

References

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