

Supplementary Information

Green Mechanochemical Fabrication of Graphite-Lanthanide Oxide Nanocomposites

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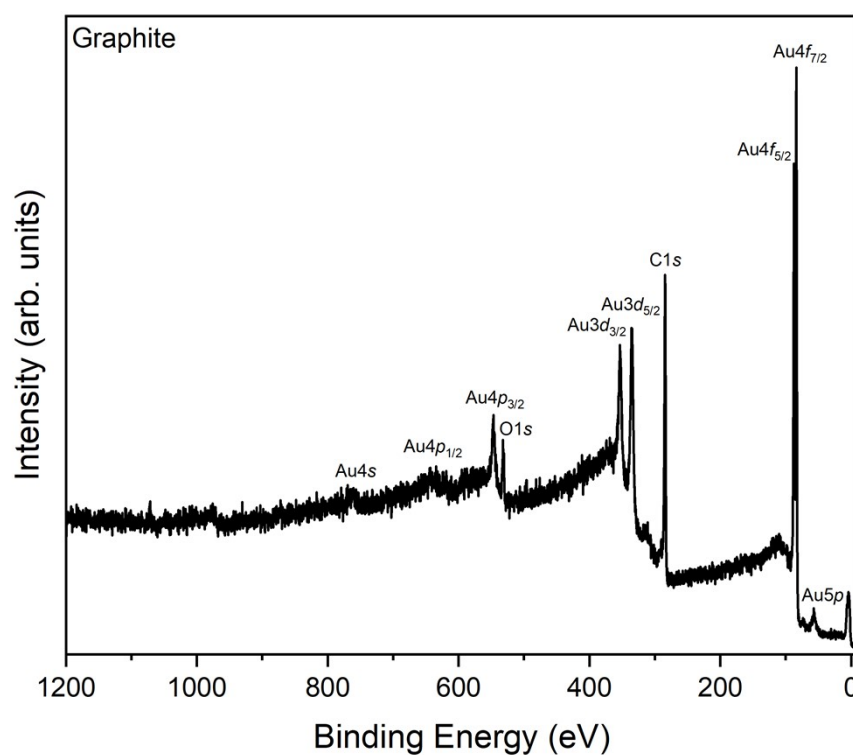


Fig. S1. Survey spectrum of the graphite sample. (Substrate thin gold film grown on mica)

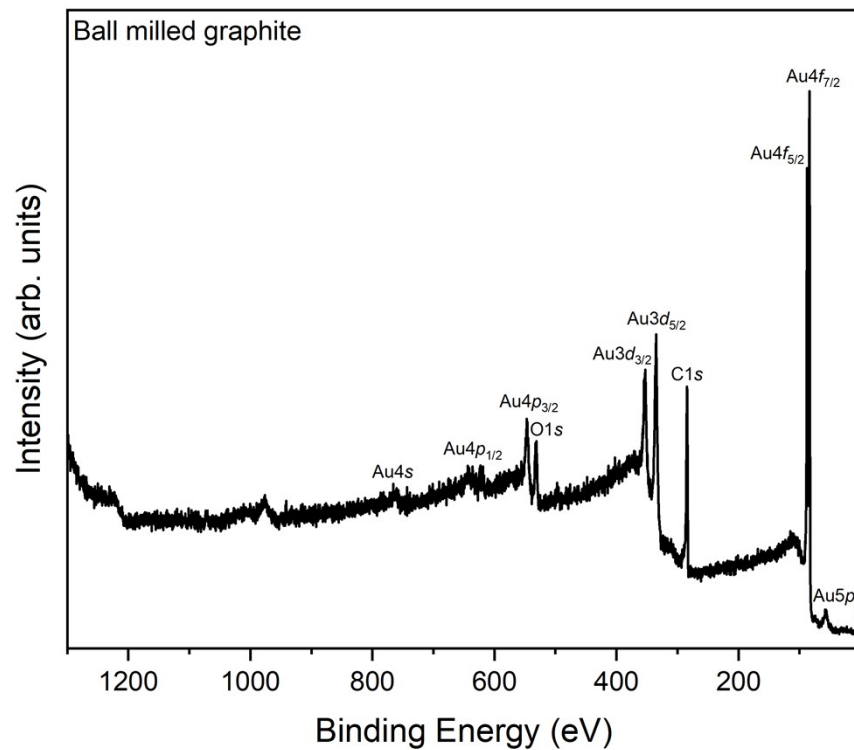


Fig. S2. Survey spectrum of the ball milled graphite sample. (Substrate thin gold film grown on mica)

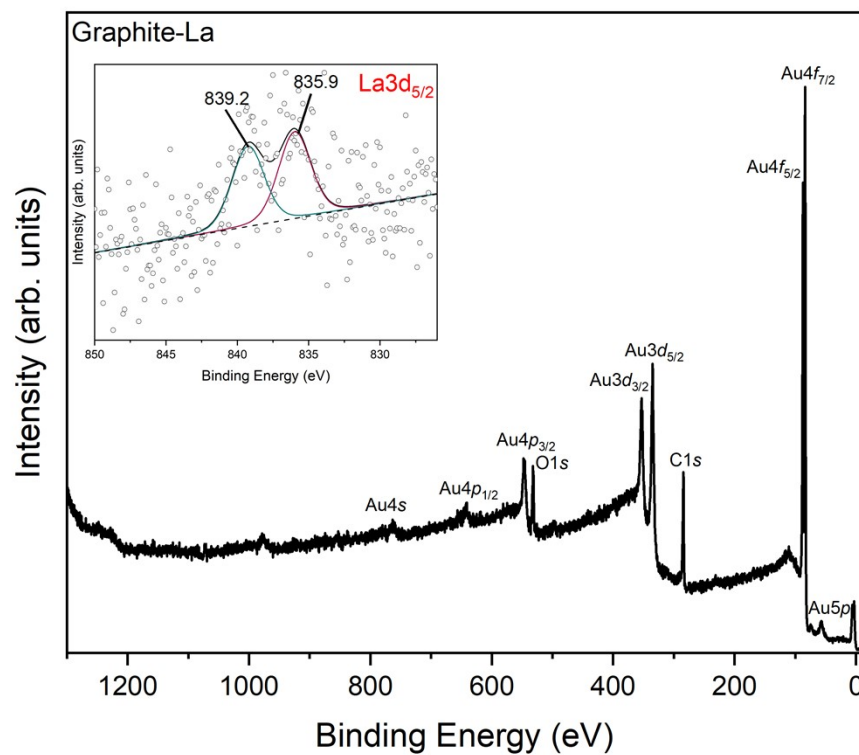


Fig. S3. Survey spectrum of the graphite-La sample. The inset shows the La3d_{5/2} peak. (Substrate thin gold film grown on mica)

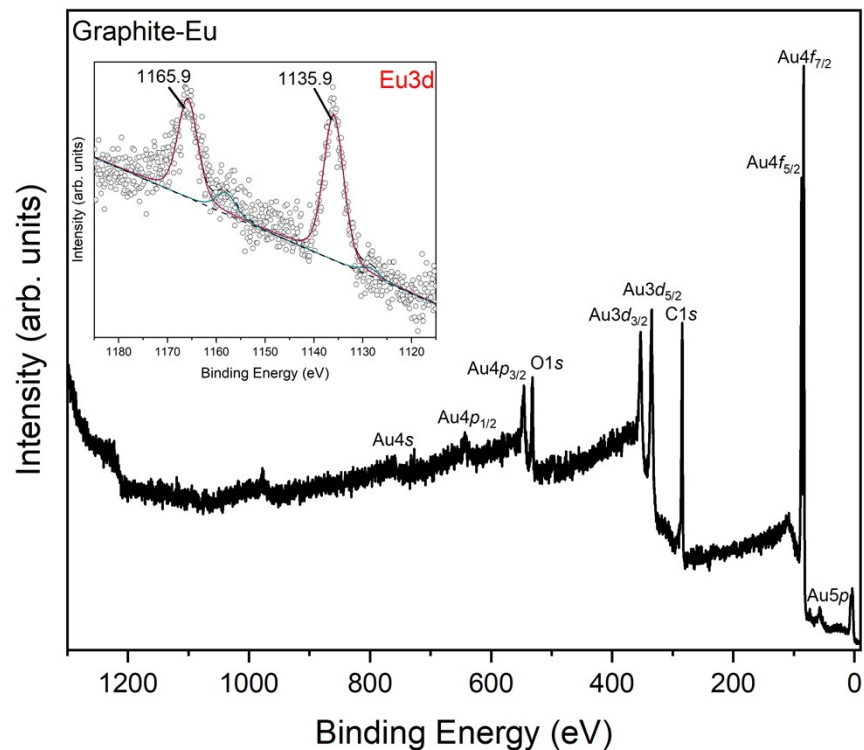


Fig. S4. Survey spectrum of the graphite-Eu sample. The inset shows the Eu3d peak. (Substrate thin gold film grown on mica)

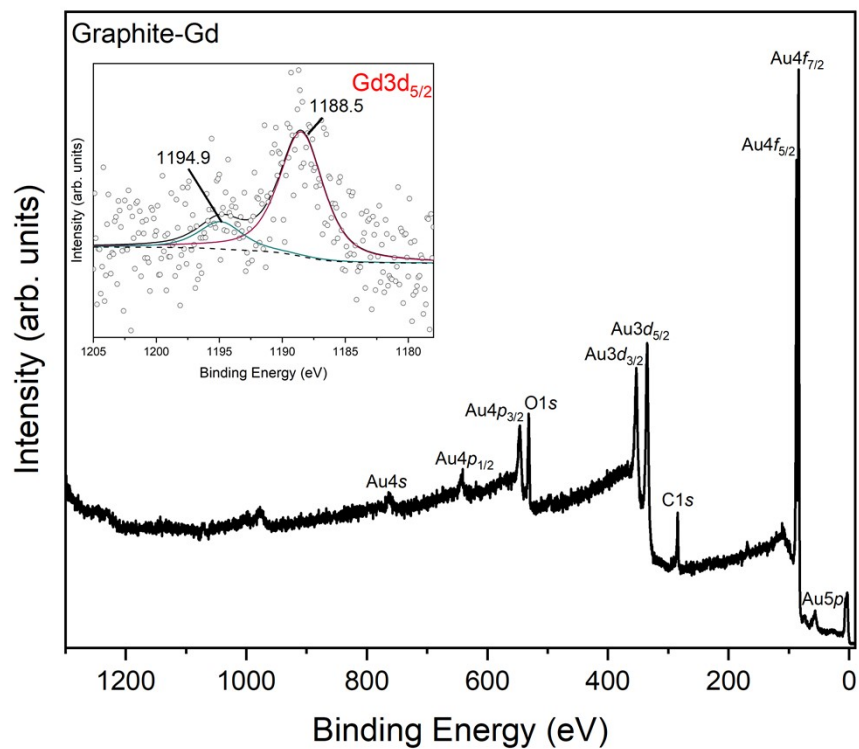


Fig. S5. Survey spectrum of the graphite-Gd sample. The inset shows the Gd3d_{5/2} peak. (Substrate thin gold film grown on mica)

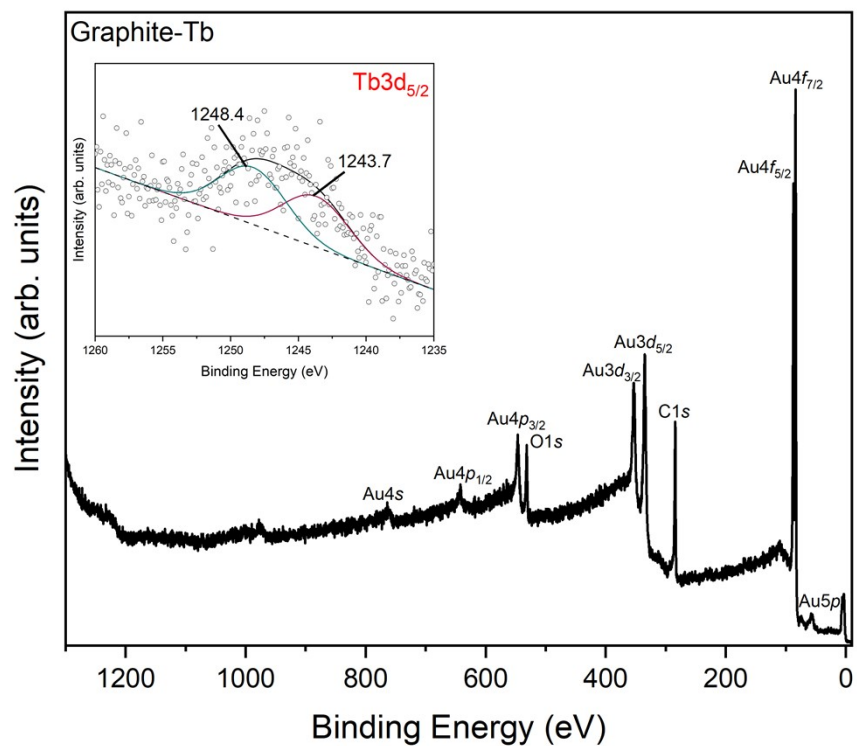


Fig. S6. Survey spectrum of the graphite-Tb sample. The inset shows the La3d_{5/2} peak. (Substrate thin gold film grown on mica)

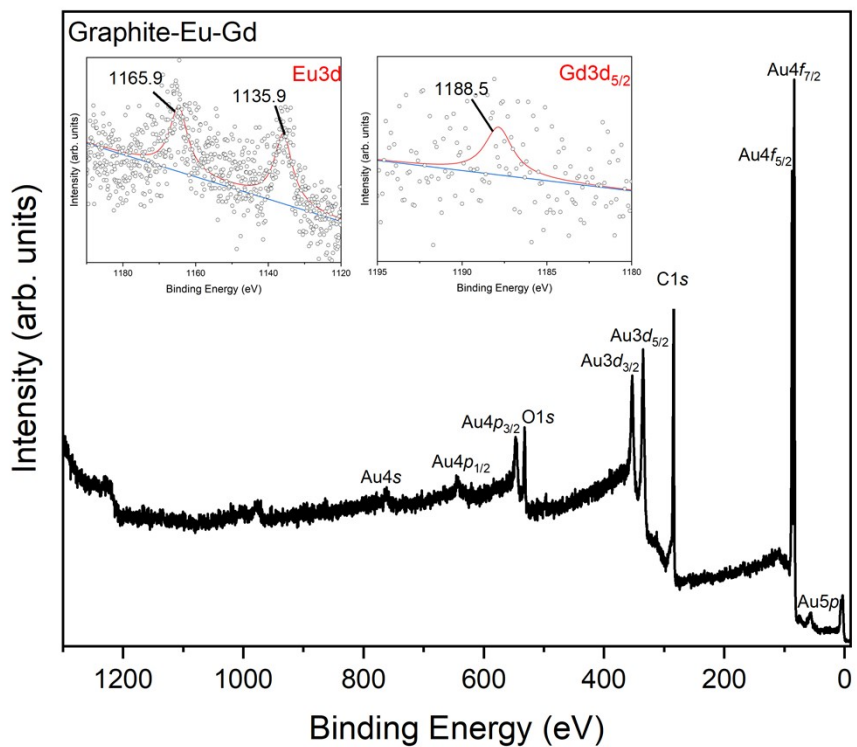


Fig. S7. Survey spectrum of the graphite-Eu-Gd sample. The inset shows the Eu3d and Gd3d_{5/2} peak. (Substrate thin gold film grown on mica)