

Supplemental Information

1. Thermal Investigation

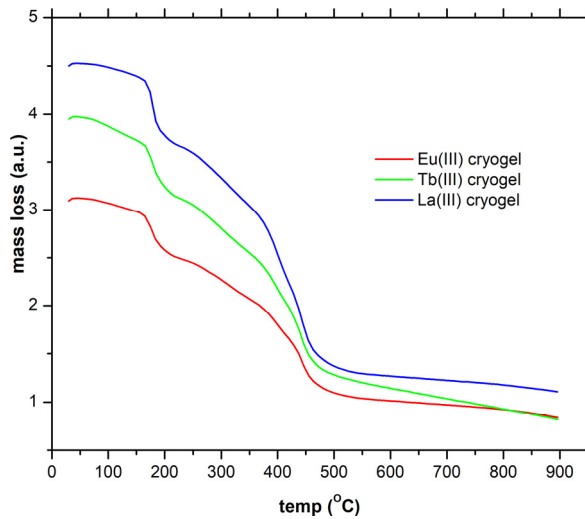


Figure S1. Thermal analysis of the prepared Eu(III), Tb(III) and La(III) aerogels.

2. XPS Investigation

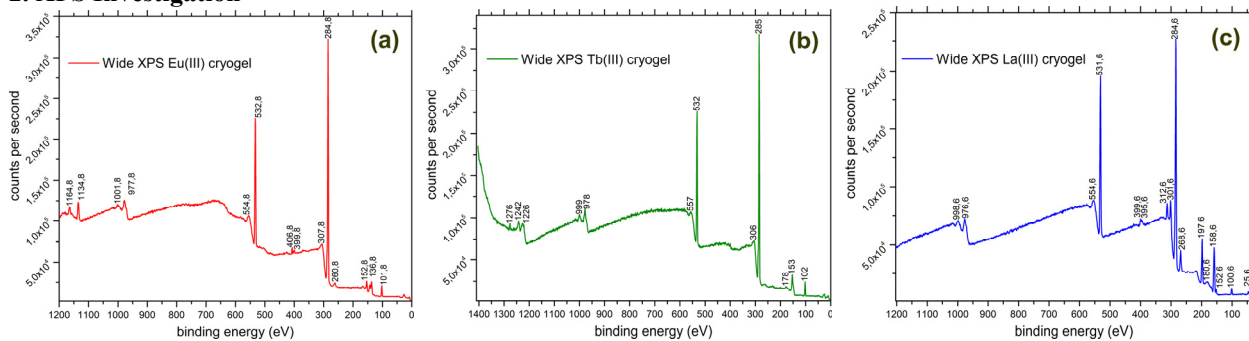


Figure S2. Recorded wide XPS spectra for (a) Eu(III) aerogel, (b) Tb(III) aerogel, (c) La(III) aerogel.

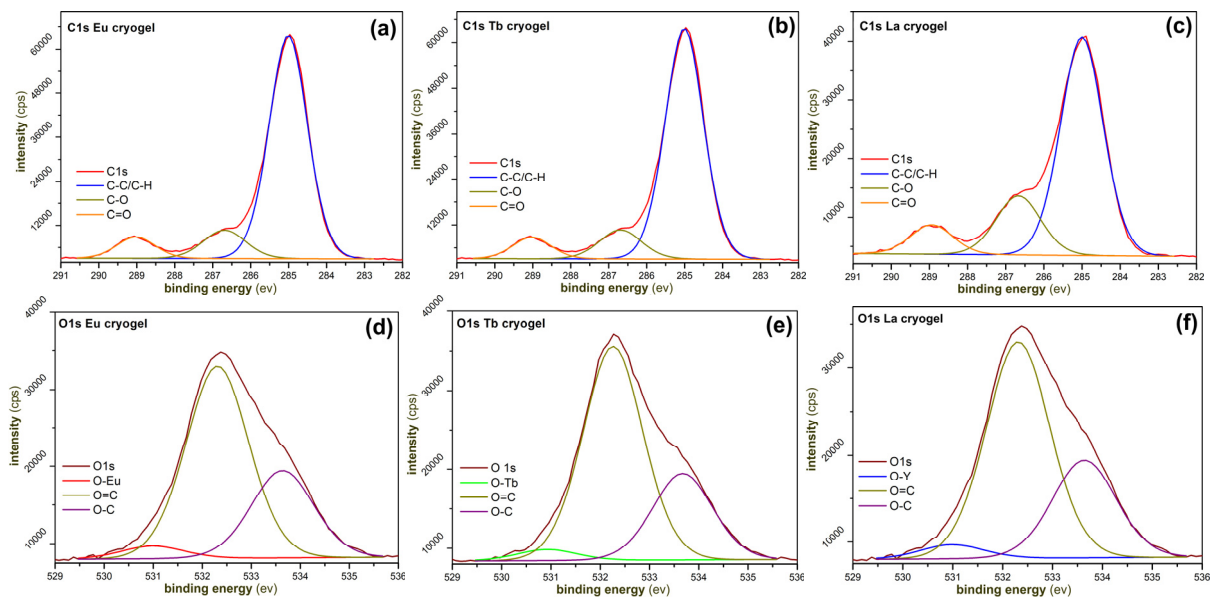


Figure S3. Recorded high resolution XPS spectra C1s (a) Eu(III) aerogel, (b) Tb(III) aerogel, (c) La(III) aerogel and O1s (d) Eu(III) aerogel, (e) Tb(III) aerogel, (f) La(III) aerogel.

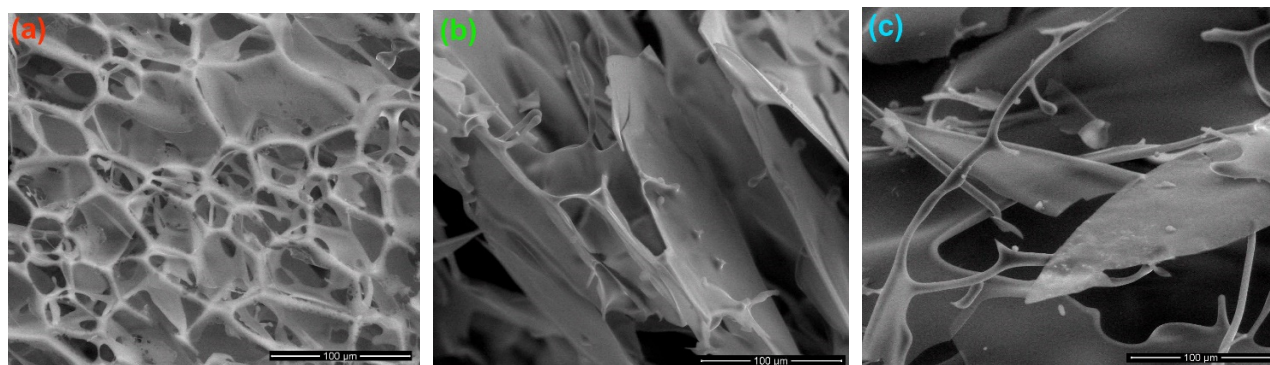


Figure S4. SEM micrograph of the prepared (a) Eu(III) aerogel, (b) Tb(III) aerogel, (c) La(III) aerogel at higher magnification (1000x).