

Supporting Information

A novel process for high efficiency recovery of rare earth metals from waste phosphors using sodium peroxide system

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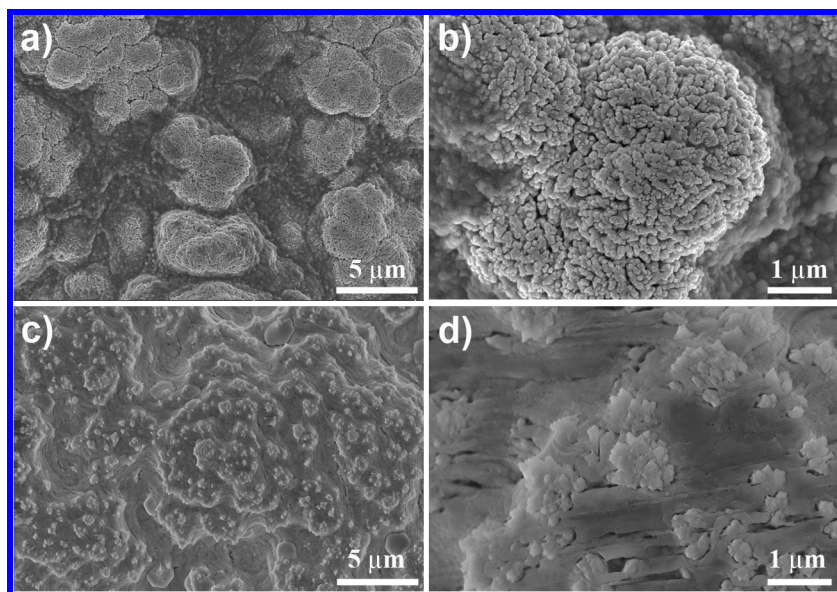


Figure S1. SEM images of (a) low-magnification and (b) high-magnification image of the mixture of waste and Na₂O₂; (c) low-magnification and (d) high-magnification image of the products synthesized by the Na₂O₂ molten salt calcining process.

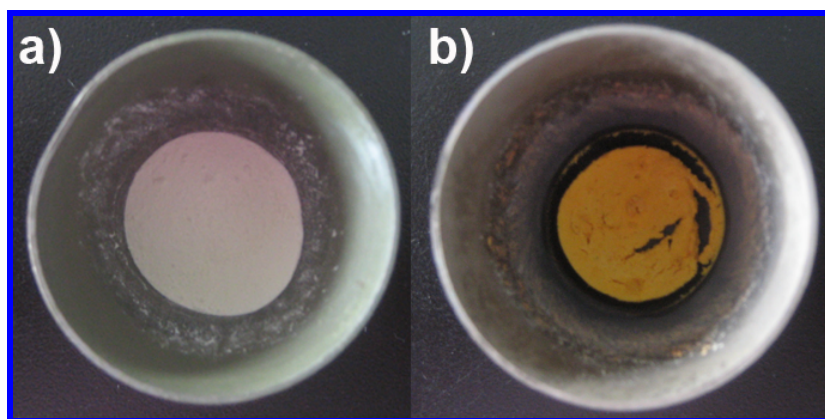


Figure S2. The photographs of (a) the mixture of waste and Na_2O_2 ; and (b) the resulted products synthesized by the Na_2O_2 molten salt calcining process.

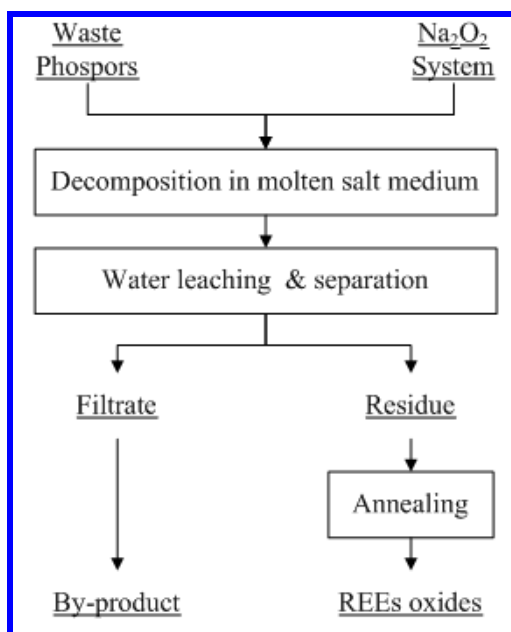


Figure S3. Conceptual flowsheet for recovery of REEs from waste phosphors.