Network access provided by: universiti malaysia terengganu

Issue 111, 2016, Issue in Progress

Previous Article

Next Article



From the journal: RSC Advances

## Effect of $SrFe_{12}O_{19}$ nanopowder on the hydrogen sorption properties of $MgH_2$

N. S. Mustafa, a N. N. Sulaiman and M. Ismail\*a

- Author affiliations
- \* Corresponding authors
- <sup>a</sup> School of Ocean Engineering, Universiti Malaysia Terengganu, 21030 Kuala Terengganu, Malaysia

E-mail: mohammadismail@umt.edu.my

Fax: +60-9-6683991 Tel: +60-9-6683487

## **Abstract**

In this study, the effects of different amounts (5, 10, 15, 20 and 50 wt%) of an  $\rm SrFe_{12}O_{19}$  nanopowder, doped into MgH $_2$  and prepared by the ball milling method, were investigated

