

Division: Hydrogen Storage

Year: 2017

No.	Description
5	Iwaoka, H., Arita, M. and Horita, Z. (2017) Hydrogen diffusion in ultrafine-grained iron with the body-centered cubic crystal structure, Philosophical Magazine Letters, 97 (4), 158-168. DOI: 10.1080/09500839.2017.1300702
4	Chaudhary, A.-L., Dietzel, S., Li, H.-W., Akiba, E., Bergemann, N., Pistidda, C., Klassen, T. and Dornheim, M. (2017) Synthesis of Mg <sub>2</sub> FeD <sub>6</sub> under low pressure conditions for Mg <sub>2</sub> FeH <sub>6</sub> hydrogen storage studies, International Journal of Hydrogen Energy, 42 (16), 11422-11428. DOI: 10.1016/j.ijhydene.2017.02.033
3	Razavi-Khosroshahi, H., Edalati, K., Emami, H., Akiba, E., Horita, Z. and Fuji, M. (2017) Optical Properties of Nanocrystalline Monoclinic Y <sub>2</sub> O <sub>3</sub> Stabilized by Grain Size and Plastic Strain Effects via High-Pressure Torsion, Inorganic Chemistry, 56 (5), 2576-2580. DOI: 10.1021/acs.inorgchem.6b02725
2	Haraguchi, R., Yoshimatsu, Y., Nagaoka, T., Arita, M., Edalati, K. and Horita, Z. (2017) Electrical resistivity mapping of titanium and zirconium discs processed by high-pressure torsion for homogeneity and phase transformation evaluation, Journal of Materials Science, 52 (11), 6778-6788. DOI: 10.1007/s10853-017-0916-x
1	Møller, K.T., Jensen, T.R., Akiba, E. and Li, H.-W. (2017) Hydrogen - A sustainable energy carrier, Progress in Natural Science: Materials International, 27 (1), 34-40. DOI: 10.1016/j.pnsc.2016.12.014