



Cost-effective and reliable hydrogen sensors for facilitating the safe use of hydrogen

List of Publications

Publications

Hübert, T., Boon-Brett, L. Palmisano, V., Bader, M. A. Developments in gas sensor technology for hydrogen safety, Intern. J. of Hydrogen Energy 2014 Available online 14 June 2014, <http://dx.doi.org/10.1016/j.ijhydene.2014.05.042>

V. Palmisano, L. Boon-Brett, C. Bonato, F. Harkamp, W.J. Buttner, M.B. Post, R. Burgess, C. Rivkin, Evaluation of selectivity of commercial hydrogen sensors, Intern. J. of Hydrogen Energy online, 5 July 2014. <http://dx.doi.org/10.1016/j.ijhydene.2014.03.251>

W.J. Buttner, R. Burgess, C. Rivkin, M.B. Post, L. Boon-Brett, V. Palmisano, P. Moretto, An assessment on the quantification of hydrogen releases through oxygen displacement using oxygen sensors, Intern. Journal of Hydrogen Energy, online 3 May 2014. <http://dx.doi.org/10.1016/j.ijhydene.2014.03.252>.

Bader, M. A., Hübert, T, Sichere Nutzung von Wasserstoff, HZwei 14 (2014), 4, 35-37.

Hübert, T., Boon-Brett, L., Palmisano, V., Frigo, G., Hellstrand, Å., Kiesewetter, O. and May, M., Trends in gas sensor developments for hydrogen safety, ICHS Proceedings 2013, Ed. by M.N. Carcassi, ID 123, pp. 1-13, ISBN 978-2-9601366-0-9.

Hübert, T. and Banach, U., Response time of hydrogen sensors, ICHS Proceedings 2013, Ed. by M.N. Carcassi, ID 124, pp. 1 - 8, ISBN 978-2-9601366-0-9.

H. El Matbouly, F. Domingue, V. Palmisano, L. Boon-Brett, M.B. Post, C. Rivkin, R. Burgess, W.J. Buttner, Assessment of commercial micro-machined hydrogen sensors performance metrics for safety sensing applications, Intern. Journal of Hydrogen Energy, Volume 39, Issue 9, 18 March 2014, Pages 4664-4673.