

Professor TENG Yunlei

College	College of Chemistry & Chemical Engineering
Current Position	Professor
Types of Tutor	Doctoral Tutor
Language	Chinese/English
Education	PhD in Department of Natural Science Research, Kobe University
Research Interests	Research and development of high performance, light metal hydrogen storage material; Methanation of CO ₂
Selected Publications	<ol style="list-style-type: none">1. Baoxia Dong, <i>Yunlei Teng*</i>, Jun Ge, Liang Song and Shiyang Zhang, The interesting and superior hydrogenation properties of potassium-doped LiNH₂ and its ternary mixedcationic amide, <i>RSC Advances</i>, 2013,3, 16977–16980.2. Bao-Xia Dong, Lin-Ting Chen, <i>Yun-Lei Teng*</i>, Jing-Jing Gao, Hui Tian, Effect of alkali metal amides on the improvement of dehydrogenation for the LiH–NH₃ system, <i>J Mater Sci</i>, 2016, 51, 911–916.3. Bao-Xia Dong, Jing-Jing Gao, <i>Yun-Lei Teng*</i>, Hui Tian, Long-Zheng Wang, A novel hydrogen storage system of KLi₃(NH₂)₄-4LiH with superior cycling stability, <i>Int. J. Hydrogen Energy</i>, 2016, 41, 5371–5377.4. Bao-Xia Dong, Jing-Jing Gao, Hui Tian, <i>Yun-Lei Teng*</i>, Long-Zheng Wang, Wen-Long Liu, Hydrogen desorption improvement of the LiNH₂-LiH-KF composite, <i>Int. J. Hydrogen Energy</i>, 2016, 41, 16122-16128.5. Baoxia Dong, Liang Song, Jun Ge, <i>Yunlei Teng*</i>, Shiyang Zhang, The ternary amide KLi₃(NH₂)₄: an important intermediate in the potassium compound-added Li–N–H systems, <i>RSC Advances</i>, 2014, 4, 10702–10707.
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