

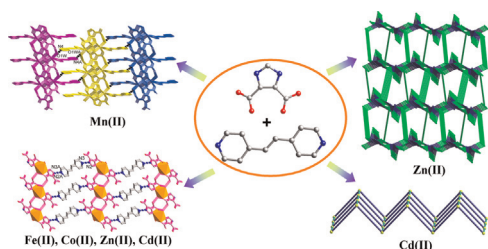
Abstracted/indexed in BioEngineering Abstracts, Chemical Abstracts, Coal Abstracts, Current Contents/Physics, Chemical, & Earth Sciences, Engineering Index, Research Alert, SCISEARCH, Science Abstracts, and Science Citation Index. Also covered in the abstract and citation database SCOPUS[®]. Full text available on ScienceDirect[®].

Regular Articles

Assembly and property research on seven 0D–3D complexes derived from imidazole dicarboxylate and 1,2-bi(pyridin-4-yl)ethene

Bao Mu, Qian Li, Lei Lv, Dan-Dan Yang, Qing Wang and Ru-Dan Huang

page 1



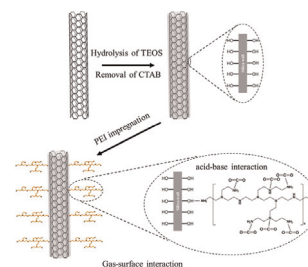
Seven new complexes based on different structural characteristics have been hydrothermally synthesized by the mixed ligands. The fluorescent properties, the magnetic property and the water vapor adsorption have been investigated.

Regular Articles—Continued

Silica-coated multi-walled carbon nanotubes impregnated with polyethyleneimine for carbon dioxide capture under the flue gas condition

Min-Sang Lee and Soo-Jin Park

page 17

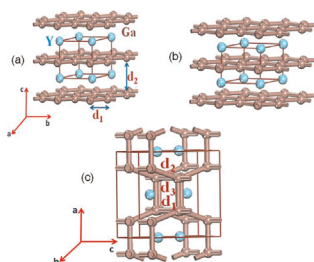


Fabrication and CO₂ adsorption process of the S-MWCNTs impregnated with PEI.

High pressure structural behavior of YGa₂: A combined experimental and theoretical study

M. Sekar, N.V. Chandra Shekar, R. Babu, P. Ch. Sahu, A.K. Sinha, Anuj Upadhyay, M.N. Singh, K. Ramesh Babu, S. Appalakondaiah, G. Vaitheeswaran and V. Kanchana

page 11

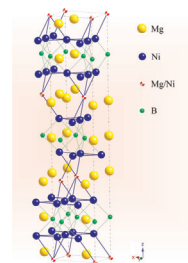


High pressure X-ray diffraction patterns of YGa₂ up to ~35 GPa shows an isostructural phase transition at ~5 GPa and transition to an orthorhombic structure ~14 GPa.

Preparation and properties of a new ternary phase Mg_{3+x}Ni_{7-x}B₂ (0.17 ≤ x ≤ 0.66) and its Cu-doping effect

Chang-Zhong Liao, Cheng Dong, Kaimin Shih, Lingmin Zeng, Bing He, Wenhuan Cao and Lihong Yang

page 24



The crystal structure of the Mg_{3+x}Ni_{7-x}B₂ phase

Continued

Three multifunctional cobalt(II) complexes constructed from three bis-pyridyl-bis-amide and 1,4-naphthalenedicarboxylic acid have been hydrothermally synthesized and characterized. The fluorescent, electrochemical and magnetic properties of **1–3** have been investigated.

Download English Version:

<https://daneshyari.com/en/article/1328924>

Download Persian Version:

<https://daneshyari.com/article/1328924>

[Daneshyari.com](https://daneshyari.com)