



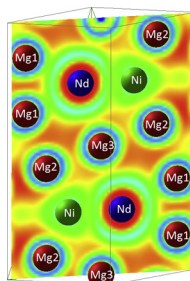
Solid State Sciences Vol 38, 2014

Graphical abstracts

Electronic structure and peculiar bonding properties of NdNiMg₅ from first principles

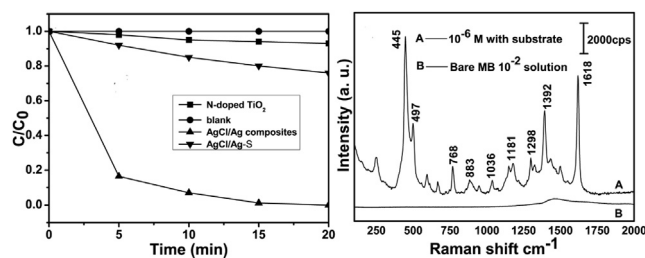
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Samir F. Matar*, Bassem Ourane, Etienne Gaudin, Jean-Louis Bobet, Adel F. Al Alam, Naïm Ouaini

**Bifunctional AgCl/Ag composites for SERS monitoring and low temperature visible light photocatalysis degradation of pollutant**

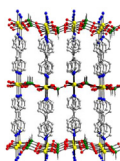
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Lihong Dong*, Junyi Zhu, Guangqing Xia

**Solvent-free synthesis of new metal phosphites with double-layered, pillared-layered, and framework structures**

pp. 13–17

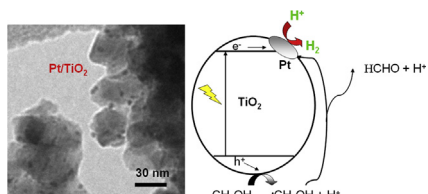
Lin Liu, Wei Zhang, Zhonghua Shi*, Yaoqiang Chen, Zhien Lin*



Pt deposited TiO₂ catalyst fabricated by thermal decomposition of titanium complex for solar hydrogen production

Quang Duc Truong, Thanh Son Le, Yong-Chien Ling*

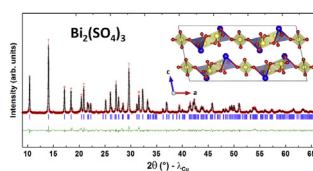
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Polymorphism in Bi₂(SO₄)₃

Chinmayee V. Subban, Gwenaëlle Rousse, Matthieu Courty, Philippe Barboux, Jean-Marie Tarascon*

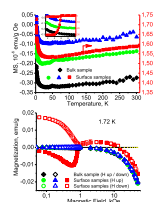
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Unusual paramagnetic centers in PbTe undoped crystals

D.M. Zayachuk*, O.S. Ilyina, V.I. Mikityuk, V.V. Shlemkevych, D. Kaczorowski

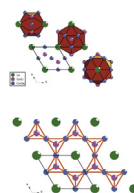
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The structural and thermal stability, electrochemical hydrogenation and corrosion behavior of LaT_{5-x}M_x(T = Co, Ni and M = Al, Ge, Li) phases

A. Stetskiv, B. Rożdżyńska-Kielbik, G. Kowalczyk, W. Prochwicz, P. Siemion, V. Pavlyuk*

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