

Complete publication list of Yang Ding (31 published or accepted)

2011

- (32) **Yang Ding**, Zhonghou Cai, Jun Chang, Russell T. Hemley, Wendy L. Mao, and Ho-kwang Mao, Nanoscale diffraction imaging study of the high-pressure ferroic transition in FeO, (*Phys. Rev. Lett.* in revision).
- (31) M. Baldini, W. Yang, G. Aquilanti, L. Zhang, **Y. Ding**, S. Pascarelli, and W. L. Mao, High pressure EXAFS measurements of crystalline Ge using nano-crystalline diamond anvils, *Physical Review B*. (accepted) (2011)
- (30) Qiaoshi Zeng, Hongwei Sheng, **Yang Ding**, Lin Wang, Wenge Yang, Jian-Zhong Jiang, Wendy L. Mao, and Ho Kwang Mao, "Long-Range Topological Order in Metallic Glass," *Science* **332**, 1404 (2011).

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- (29) Ho-Kwang Mao, Eric Shirley, **Yang Ding**, Peter Eng, Yong Cai, Paul Chow, Yuming Xiao, Jinfu Shu, Chic-hang Kao, Wendy L. Mao, High-pressure electron dynamics of crystalline ^4He to 17 GPa. *Phys. Rev. Lett.* 105702 (2010)
- (28) Shibing Wang, Wendy L. Mao, Adam Sorini, Cheng-Chien Chen, Thomas P. Devereau, **Yang Ding**, Yuming Xiao, Paul Chow, Nozomu Hiraoka, Hirofumi Ishii, Yong Cai, Chi-Chang Kao, High pressure evolution of electronic structure of Fe_2O_3 , *Phys. Rev. B* **82**, 144428 (2010).
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- (24) Wendy L Mao, Lin Wang, **Yang Ding**, Wenge Yang, Wenjun Liu, Duck Young Kim, Wei Luo, Rajeev Ahuja, Yue Meng, Stas Sinogeikin, Jinfu Shu and Ho-kwang Mao, Distortions and stabilization of simple-cubic calcium at high pressure and low temperature, *Proc. Nat. Acad. Sci.* doi: 1005279107, (2010).
- (23) Lin Wang, **Yang Ding**, Wenge Yang, Wenjun Liu, Zhonghou Cai, Jennifer Kung, Jinfu Shu, Russell J. Hemley, Wendy L. Mao, and Ho-kwang Mao, Nanoprobes measurements of materials at megabar pressures, *Proc. Nat. Acad. Sci.* doi:1001141107, (2010).
- (22) Qiao-shi Zeng, **Yang Ding**, Wendy L. Mao, Wenge Yang, Stas.V. Sinogeikin, Jinfu Shu, Ho-kwang Mao, and J.Z. Jiang, Origin of pressure-induced polyamorphism in $\text{Ce}_{75}\text{Al}_{25}$ metallic glass, *Phys. Rev. Lett.* **104**, 105702, (2010).

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