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### 【在研科研项目】

1. 国家自然科学基金,  $(\square, \text{Ce}) (\text{Co}, \text{Fe})_4\text{Sb}_{12}$  方钴矿热电材料体系的相平衡与相稳定性研究 (51271027), 2013年-2016年;
2. 国家863计划主题项目, 材料多层次跨尺度设计与制备新技术 (2013AA0316), 2013年-2015年。

### 【代表性学术论文】

3. D. M. Zhu, C. R. Li, C. P. Guo, et al. Thermodynamic assessment of the Ni-Sc binary system [J]. Calphad, 2015, 48: 106-112.
4. C. R. Li, D. M. Zhu, Y. B. Zhang, et al. Thermodynamic assessment of the Co-Fe-Sb system [J]. Calphad, 2014, 47: 23-24.
5. X. Ren, C. R. Li, Z. M. Du, et al. Thermodynamic modeling of the Ba-Mg binary system [J]. Inter. J. Mater. Res., 2013, 104: 358-363.
6. C. J. Niu, C. R. Li, Z. M. Du, et al. Thermodynamic assessment of the Bi-K binary system [J]. Thermochemica Acta, 2012, 528: 9-14.
7. C. R. Li, S. C. Chen, Z. M. Du, et al. Energetic analysis for optimum amorphous compositions in binary systems [J]. Intermetallics, 2011, 19: 1678-1682.



**Changrong Li**, the professor of School of Materials Science and Engineering, University of Science and Technology Beijing, received B.E. in materials science from Tsinghua University in 1982 and Ph.D. in materials science from University of Science and Technology Beijing in 1988. Her recent research interest is Thermodynamics of Materials and Optimization of Alloys.

### **【Publications】**

1. D.M. Zhu, C.R. Li, C.P. Guo, et al. Thermodynamic assessment of the Ni-Sc binary system [J]. *Calphad*, 2015, 48: 106-112.
2. C.R. Li, D.M. Zhu, Y.B. Zhang, et al. Thermodynamic assessment of the Co-Fe-Sb system [J]. *Calphad*, 2014, 47: 23-24.
3. X. Ren, C.R. Li, Z.M. Du, et al. Thermodynamic modeling of the Ba-Mg binary system [J]. *Inter. J. Mater. Res.*, 2013, 104: 358-363.
4. C. J. Niu, C.R. Li, Z.M. Du, et al. Thermodynamic assessment of the Bi-K binary system [J]. *Thermochimica Acta*, 2012, 528: 9-14.
5. C.R. Li, S.C. Chen, Z.M. Du, et al. Energetic analysis for optimum amorphous compositions in binary systems [J]. *Intermetallics*, 2011, 19: 1678-1682.