

Qizhen (Katherine) Li

Assistant Professor
Chemical and Materials Engineering
University of Nevada, Reno
Reno, NV 89557
Phone: 775-784-4507
Fax: 775-327-5059
Email: QIZHENL@UNR.EDU



Research:

- Advanced materials (e.g., shape memory alloys, light weight materials and structures, composites, nanostructured multilayered thin films, lattice block structures)
- Relationship among processing, structure and property of advanced materials
- Mechanical behavior of materials under extreme environments

Education:

- 09/00-09/04 Doctor of Philosophy (PhD) in Materials Science and Engineering
The Ohio State University, Columbus, OH
- 09/97-07/00 Master Degree (MS) in Materials Science and Engineering
Harbin Engineering University, Harbin, China
- 09/93-07/97 Bachelor Degree (BS) in Metallic Materials and Heat Treatment
Harbin Engineering University, Harbin, China

Professional Experience:

- 07/06- Assistant Professor, Chemical and Metallurgical Engineering
University of Nevada, Reno, Reno, NV
- 11/04-06/06 Postdoctoral Fellow, Materials Science and Engineering Department
Northwestern University, Evanston, IL

Selected Publications:

- B. Tian, F. Chen, Y.X. Tong, L. Li, Y.F. Zheng, Y. Liu, Q.Z. Li, Phase transition of Ni–Mn–Ga alloy powders prepared by vibration ball milling, *Journal of Alloys and Compounds*, 509:4563–4568, 2011
- Q.Z. Li, Q. Yu, J. Zhang, Y.Y. Jiang, Microstructure and Deformation Mechanism of Mg₆Al₁Zn_A Alloy Experienced Tension-Compression Cyclic Loading, *Scripta Materialia*, 64: 233-236, 2011
- P. Yu and Q.Z. Li, Mechanical Behavior of the Plastically Strained NiTi-based Shape Memory Alloys, Materials Research Society Spring meeting proceedings, 2008