

出生年月 1992.01

联系电话 18640400121

邮箱 liubs_syuct@126.com

本科就读于东北大学材料科学与工程专业，硕博研究生就读于东北大学材料学专业。2022年博士毕业入职沈阳化工大学任教。主讲本科生《工程材料》《金属工艺学》等课程。科研方向：镁合金的制备技术及强韧化机制；合金热力学及扩散动力学。主持国家自然科学基金青年科学基金项目，在 Materials Research Letters、Journal of Alloys and Compounds、Rare Metals、Materials Letters 等国内外高水平期刊上发表论文 20 余篇，以第一作者和通讯作者发表 SCI 论文 10 余篇，5 篇代表作如下：

[1] **Boshu Liu**, Hongxiao Li, Yuping Ren, Min Jiang, Gaowu Qin. Phase equilibria of low-Y side in Mg-Zn-Y system at 400°C [J]. Rare Metals, 2020, 39(3): 262–269.

[2] **Boshu Liu**, Yuping Ren, Hongxiao Li, Min Jiang, Gaowu Qin. Interdiffusion and impurity diffusion behavior in polycrystalline Mg-Y binary system [J]. Journal of Alloys and Compounds, 2021, 867: 159070.

[3] **Boshu Liu**, Hongxiao Li, Yuping Ren, Hucheng Pan, Min Jiang, Gaowu Qin. Phase relationship in the Mg-rich corner of the Mg-Zn-Gd ternary system at 400–475°C [J]. Journal of Alloys and Compounds, 2021, 870: 159502.

[4] **Boshu Liu**, Likai Xue, Rongguang Li, Lin Zong, Hang Zhang, Jingren Li, Shanshan Li, Di Wu, Plasticity damage behavior caused by compression twins and double twins in rolled WE43 magnesium alloys [J]. Materials Letters, 350 (2023) 134877.

[5] R.G. Li, Y. Yan, H.C. Pan, H. Zhang, J.R. Li, G.W. Qin, **B.S. Liu***, Achieving exceptionally high strength in binary Mg-15Gd alloy by nano substructure with Gd segregation and nano clusters [J]. Materials Research Letters, 10 (2022) 682–689.