Supplementary material



Fig. S1. X-ray diffraction patterns of Mg-8.6Zn-1.2Zr alloy: 400°C (a), 300°C (b), 200°C (c). 1 — initial state; 2 — ECAP without UST; 3 - ECAP with UST (5 μ m); 4 — ECAP with UST (10 μ m).



Fig. S2. Mechanical test curves for Mg-8.6Zn-1.2Zr alloy: 400°C (a), 300°C (b), 200°C (c); 1 — initial state, 2-ECAP without UST, 3 - ECAP with UST (5 μ m), 4 - ECAP with UST (10 μ m).