

Contents

Chemistry of Metals and Alloys (2017)

Volume 10, Issue 2

Celebration of the 80th birthday of the Nobel laureate Roald Hoffmann in Zolochiv	iii
Decarbonization of the Ce₂Mn₁₇C_{1.77} compound upon lithiation	45
M. HEMBARA, V. KORDAN, V. PAVLYUK, B. KOTUR	
Functional electrolytic coatings of tin-nickel alloys for integrated circuits	50
V.S. KUBLANOVSKY, V.N. NIKITENKO	
Optical liquid-crystalline nanocomposites based on cadmium caprylate with Au, Ag or Cu nanoparticles	54
V. ASAULA, P. BOROVIK, G. YAREMCHUK, T. MIRNAYA	
Influence of doping elements on the electrochemical hydrogenation efficiency of Tb₂Ni₁₇-based phases	61
V. KORDAN, V. NYTKA, G. KOVALCZYK, A. BALINSKA, O. ZELINSKA, R. SERKIZ, V. PAVLYUK	
Crystal structure of praseodymium germanide PrGe_{1.91}	69
I. SAVYSYUK, N. SEMUSO, R. GLADYSHEVSKII, E. GLADYSHEVSKII	
Phase equilibria in the Ce–Ti–Sb and Gd–Ti–Sb ternary systems at 600°C and the crystal structures of the Ce₂Ti₇Sb₁₂ and Gd₂Ti₁₁Sb₁₄ compounds	76
O. SENCHUK, Ya. TOKAYCHUK, R. SERKIZ, P. DEMCHENKO, R. GLADYSHEVSKII	
Phase equilibria in the ternary system Yb–Cr–Sb at 500°C	93
A. ZELINSKIY, K. ROVINSKA, R. GLADYSHEVSKII	