

Vybrané publikácie (Selected papers)

RNDr. ALEXANDER CIGÁŇ, CSc.

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4. CIGÁŇ, A. – MAŇKA, J. - BUCHTA, Š.: Experimental study of the intergranular weak link structures YbaCuO with the help of magnetization measurements. Journal of Low Temperature Physics, 106, 1997, 447-452.
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9. HOSTE, S. – VAN DRIESSCHE, I. – BRUNEEL, E. – PLESCH, G. – CIGÁŇ, A. – MAŇKA, J.: Influence of silver doping on the microstructure and magnetic properties of $YBa_2Cu_3O_7/Ag$ composites. Ceramics – Silikáty, 45, 2001, 2, 76-80.
10. HANIC, F. – CIGÁŇ, A. – BUCHTA, Š. - MAŇKA, J. – KOŇAKOVSKÝ, A.: Substitution and doping of $YBa_2Cu_3O_7$ by Ag^{n+} , Sr^{2+} , Sc^{3+} and related properties. International Journal of Inorganic Materials, 3, 2001, 551-557.
11. PLESCH, G. – HANIC, F. – CIGÁŇ, A. – MAŇKA, J. – BUČKULIAKOVÁ, A. – BUCHTA, Š.: Microstructure and superconducting properties of melt textured Y-Ba-Cu-(Ag)-O composites with various Ag content. International Journal of Inorganic Materials, 3, 2001, 537-543.

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16. MOJUMDAR, S.C. - RAY, A. - DRÁBIK, M. - CIGÁŇ, A. - HANIC, F. – CAPEK, P.: Macro-Defect-Free (MDF) cements with high moisture resistance: chemical, thermal, SEM and magnetometric study. *Solid State Phenomena: Solid State Chemistry V.*, 90-91, 2003, 365-370.
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19. CIGÁŇ, A. – PLESCH, G. – MAŇKA, J. - HANIC, F. - KOPČOK, M. - KOŇAKOVSKÝ, A. - KLIMENT, J.: Effects of post-oxygen annealing and lanthanum doping on inter- and intra-grain properties of (TlPb)-1223 superconductors. *Ceramics-Silikáty*, 49, 2005, 1, 23-28.
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21. MARTINICKÁ, F. - ŠIMÁČEK, I. - JURDÁK, P. - CIGÁŇ, A. - MAŇKA, J.: SQUID method of lung contamination testing. *Physica C*, 435, 2006, 128–131.
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