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Projekta Izp-2019/1-0071 rezultāti

Organisku-neorganisku hibrīdsistēmu izstrāde rentgenstarojuma detektēšanai

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1. Bakradze, G.; Kalinko, A.; Kuzmin, A. X-ray absorption and Raman spectroscopy studies of tungstates solid solutions ZncNi1-cWO4 (c=0.0-1.0). - Low Temperature Physics, 2020, https://arxiv.org/abs/2010.11102

2. Pudza, I.; Anspoks, A.; Cintins, A.; Kalinko, A.; Welter, E.; Kuzmin, A. The influence of Zn2+ ions on the local structure and thermochromic properties of Cu1-xZnxMoO4 solid solutions. - Materials Today Communications, 2021, https://arxiv.org/abs/2107.02258

3. Bakradze, G.; Kalinko, A.; Kuzmin, A. Evidence of nickel ions dimerization in NiWO4 and NiWO4-ZnWO4 solid solutions probed by EXAFS spectroscopy and reverse Monte Carlo simulations. - Acta Materialia, 2021, https://arxiv.org/abs/2107.07810

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5. Pudza, I.; Anspoks, A.; Aquilanti, G.; Kuzmin, A. Revealing the local structure of CuMo1-xWxO4 solid solutions by multi-edge x-ray absorption spectroscopy. - Materials Research Bulletin, 2022, https://arxiv.org/abs/2205.13990

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