

【List of published papers: Y. Mizuguchi】 latest update: 12, June 2019

- (1) K. Sudo, Y. Goto*, R. Sogabe, K. Hoshi, A. Miura, C. Moriyoshi, Y. Kuroiwa, Y. Mizuguchi, "Doping-Induced Polymorph and Carrier Polarity Changes in Thermoelectric Ag(Bi,Sb)Se₂ Solid Solution", *Inorg. Chem.* 58, 7628-7633 (2019), DOI: DOI: 10.1021/acs.inorgchem.9b01038.
- (2) R. Sogabe, Y. Goto, T. Abe, C. Moriyoshi, Y. Kuroiwa, A. Miura, K. Tadanaga, Y. Mizuguchi*, "Improvement of superconducting properties by high mixing entropy at blocking layers in BiS₂-based superconductor REO_{0.5}F_{0.5}BiS₂", *Solid State Commun.* 295, 43-49 (2019), DOI: 10.1016/j.ssc.2019.04.001.
- (3) K. Hoshi*, M. Kimata, Y. Goto, T. D. Matsuda, Y. Mizuguchi, "Two-Fold-Symmetric Magnetoresistance in Single Crystals of Tetragonal BiCh₂-Based Superconductor LaO_{0.5}F_{0.5}BiS₂", *J. Phys. Soc. Jpn.* 88, 033704 (2019), DOI: 10.7566/JPSJ.88.033704.
- (4) Y. Mizuguchi, "Material Development and Physical Properties of BiS₂-Based Layered Compounds", *J. Phys. Soc. Jpn.* 88, 041001 (2019), DOI: 10.7566/JPSJ.88.041001.
- (5) Y. Goto*, A. Miura, C. Moriyoshi, Y. Kuroiwa, Y. Mizuguchi, "Effect of Bi Substitution on Thermoelectric Properties of SbSe₂-based Layered Compounds NdO_{0.8}F_{0.2}Sb_{1-x}Bi_xSe₂", *J. Phys. Soc. Jpn.* 88, 024705 (2019), DOI: 10.7566/JPSJ.88.024705.
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- (14) A. Miura*, M. Nagao*, Y. Goto, Y. Mizuguchi, T. D. Matsuda, Y. Aoki, C. Moriyoshi, Y. Kuroiwa, Y. Takano, S. Watauchi, I. Tanaka, N. C. Rosero-Navarro, K. Tadanaga, "Crystal Structure and Superconductivity of Tetragonal and Monoclinic $\text{Ce}_{1-x}\text{Pr}_x\text{OBiS}_2$ ", *Inorg. Chem.* 57, pp 5364–5370 (2018), DOI: 10.1021/acs.inorgchem.8b00349.
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