

# 【List of published papers: Y. Mizuguchi】 latest update: 19, Mar. 2018

- (1) K. Hoshi, Y. Goto, Y. Mizuguchi, "Selenium isotope effect in layered bismuth chalcogenide superconductor  $\text{LaO}_{0.6}\text{F}_{0.4}\text{Bi}(\text{S},\text{Se})_2$ ", Phys. Rev. B 97, 094509 (2018), DOI: 10.1103/PhysRevB.97.094509.
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- (3) A. Athauda, Y. Mizuguchi, M. Nagao, J. Neufeld, D. Louca, "Charge Fluctuations in the  $\text{NdO}_{1-x}\text{F}_x\text{BiS}_2$  Superconductors", J. Phys. Soc. Jpn. 86, 124718 (2017), DOI: 10.7566/JPSJ.86.124718.
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- (5) Y. Hijikata, T. Abe, C. Moriyoshi, Y. Kuroiwa, Y. Goto, A. Miura, K. Tadanaga, Y. Wang, O. Miura, Y. Mizuguchi\*, "Synthesis, Crystal Structure, and Physical Properties of New Layered Oxychalcogenide  $\text{La}_2\text{O}_2\text{Bi}_3\text{AgS}_6$ ", J. Phys. Soc. Jpn. 86, 124802 (2017), DOI: 10.7566/JPSJ.86.124802.
- (6) Y. Goto, R. Sogabe, Y. Mizuguchi\*, "Bulk Superconductivity Induced by Se Substitution in  $\text{BiCh}_2$ -Based Layered Compounds  $\text{Eu}_{0.5}\text{Ce}_{0.5}\text{FBiS}_{2-x}\text{Se}_x$ ", J. Phys. Soc. Jpn. 86, 104712 (2017), DOI: 10.7566/JPSJ.86.104712.
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- (8) Y. Mizuguchi\*, Y. Hijikata, T. Abe, C. Moriyoshi, Y. Kuroiwa, Y. Goto, A. Miura, S. Lee, S. Torii, T. Kamiyama, C. H. Lee, M. Ochi, K. Kuroki, "Crystal structure, site selectivity, and electronic structure of layered chalcogenide  $\text{LaOBiPbS}_3$ ", EPL, 119, 26002 (2017), DOI: 10.1209/0295-5075/119/26002.
- (9) K. Nagasaka, A. Nishida, R. Jha, J. Kajitani, O. Miura, R. Higashinaka, T. D. Matsuda, Y. Aoki, A. Miura, C. Moriyoshi, Y. Kuroiwa, H. Usui, K. Kuroki, Y. Mizuguchi\*, "Intrinsic Phase Diagram of Superconductivity in the  $\text{BiCh}_2$ -Based System Without In-Plane Disorder", J. Phys. Soc. Jpn. 86, 074701 (2017), DOI: 10.7566/JPSJ.86.074701.
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- (18) Y. Mizuguchi\*, O. Miura, “High-Pressure Synthesis and Superconductivity of Ag-Doped Topological Crystalline Insulator SnTe (Sn<sub>1-x</sub>Ag<sub>x</sub>Te with x = 0-0.5)”, J. Phys. Soc. Jpn. 85, 053702(1-5) (2016). DOI: 10.7566/JPSJ.85.053702.
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