

論文リスト (辛 埴)

1. Detecting electron-phonon coupling during photoinduced phase transition

T. Suzuki, Y. Shinohara, Y. Lu, M. Watanabe, J. Xu, K. L. Ishikawa, H. Takagi, M. Nohara, N. Katayama, H. Sawa, M. Fujisawa, T. Kanai, J. Itatani, T. Mizokawa, S. Shin, K. Okazaki
Phys. Rev. B **103**, L121105 (1-6)

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DOI: 10.1103/PhysRevB.103.L121105

2. Observation and control of the weak topological insulator state in ZrTe₅

P. Zhang, R. Noguchi, K. Kuroda, C. Lin, K. Kawaguchi, K. Yaji, A. Harasawa, M. Lippmaa, S. Nie, H. Weng, V. Kandyba, A. Giampietri, A. Barinov, Q. Li, G. D. Gu, S. Shin, T. Kondo
Nature Communications. **12**, 1 (1-7) (2021)

DOI : 10.1038/s41467-020-20564-8

3. Scaling law for the Rashba-type spin splitting in quantum well films

R. Noguchi, K. Kuroda, M. Kawamura, K. Yaji, A. Harasawa, T. Iimori, S. Shin, F. Komori, T. Ozaki, T. Kondo

Condensed matter Materials Science (2021) arXiv:2012.11289

DOI :

4. Evidence for a higher-order topological insulator in a three-dimensional material built from van der Waals stacking of bismuth-halide chains

R. Noguchi, M. Kobayashi, Z. Jiang, K. Kuroda, T. Takahashi, Z. Xu, D. Lee, M. Hirayama, M. Ochi, T. Shirasawa, P. Zhang, C. Lin, C. Bareille, S. Sakuragi, H. Tanaka, S. Kunisada, K. Kurokawa, K. Yaji, A. Harasawa, V. Kandyba, A. Giampietri, A. Barinov, T. K. Kim, C. Cacho, M. Hashimoto, D. Lu, S. Shin, R. Arita, K. Lai, T. Sasagawa, T. Kondo

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5. Photoinduced Phase Transition from Excitonic Insulator to Semimetal-like State in Ta₂Ni_{1-x}CoxSe₅ (x = 0.10)

T. Mitsuoka, T. Suzuki, H. Takagi, N. Katayama, H. Sawa, M. Nohara, M. Watanabe, J. Xu, Q. Ren, M. Fujisawa, T. Kanai, J. Itatani, S. Shin, K. Okazaki, T. Mizokawa

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6. A new Majorana platform in an Fe-As bilayer superconductor

W. Liu, L.Cao, S. Zhu, L. Kong, G. Wang, M. Papaj, P. Zhang, Y.B. Liu, H. Chen, G. Li, F. Yang, T. Kondo, S. Du, G.-Han Cao, S. Shin, L. Fu, Z. Yin, H.-Jun Gao, H. Ding
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7. Bose-Einstein condensation superconductivity induced by disappearance of the nematic state

T. Hashimoto, Y. Ota, A. Tsuzuki, T. Nagashima, A. Fukushima, S. Kasahara, Y. Matsuda, K. Matsuura, Y. Mizukami, T. Shibauchi, S. Shin, K. Okazaki

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8. Observation of unoccupied states of SnTe(111) using pump-probe ARPES measurement

H. Ito, Y. Otaki, Y. Tomohiro, Y. Ishida, R. Akiyama, A. Kimura, S. Shin, S. Kuroda

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9. Orbital Angular Momentum Induced Spin Polarization of 2D Metallic Bands

T. Kobayashi, Y. Nakata, K. Yaji, T. Shishidou, D. Agterberg, S. Yoshizawa, F. Komori, S. Shin, M. Weinert

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10. Observation of small Fermi pockets protected by clean CuO₂ sheets of a high-T_c superconductor

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11. Topologically Nontrivial Phase-Change Compound GeSb₂Te₄

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12. Massive Suppression of Proximity Pairing in Topological (Bi_{1-x}Sb_x)₂Te₃ Films on Niobium

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14. Topological surface state of Bi₂Se₃ modified by adsorption of organic donor molecule tetrathianaphthacene

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15. Radial Spin Texture in Elemental Tellurium with Chiral Crystal Structure

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17. Operando observation of resistive switching in a resistive random-access memory
by laser-excited photoemission electron microscope

Y.Okuda, J.Kawakita,T.Taniuchi,H.Shima, A.Shimizu, Y.Naitoh, K.Kinoshita, H. Akinaga¹,
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M. Horio, K. Koshiishi, S. Nakata, K. Hagiwara, Y. Ota, K. Okazaki, S. Shin, S. Ideta,
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19. Ultrafast Unbalanced Electron Distributions in Quasicrystalline 30° Twisted Bilayer
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H. Suzuki, T. Kobayashi, S. Miyasaka, K. Okazaki, T. Yoshida, M. Horio, L.C. C. Ambolode

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