

2009

1. Title: Structural Phase Transitions and Superconductivity in Fe_{1+δ}Se_{0.57}Te_{0.43} at Ambient and Elevated Pressures
Author(s): Nathalie C. Gresty, Yasuhiro Takabayashi, Alexey Y. Ganin, Martin T. McDonald, John B. Claridge, Duong Giap, Yoshikazu Mizuguchi, Yoshihiko Takano, Tomoko Kagayama, Yasuo Ohishi, Masaki Takata, Matthew J. Rosseinsky, Serena Margadonna, Kosmas Prassides
Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 131 Issue: 46 Pages: 16944-16952 Published: NOV 2009
2. Title: Upper Critical Fields of the 11-System Iron-Chalcogenide Superconductor FeSe_{0.25}Te_{0.75}
Author(s): Takanori Kida, Takahiro Matsunaga, Masayuki Hagiwara, Yoshikazu Mizuguchi, Yoshihiko Takano, Koichi Kindo
Source: JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN Volume: 78 Issue: 11 Article Number: 113701 Published: NOV 2009
3. Title: Switching current distributions and subgap structures of underdoped (Hg, Re)Ba₂Ca₂Cu₃O_{8+δ} intrinsic Josephson junctions
Author(s): S. Ueda, T. Yamaguchi, Y. Kubo, S. Tsuda, Y. Takano, J. Shimoyama, K. Kishio
Source: JOURNAL OF APPLIED PHYSICS Volume: 106 Issue: 7 Article Number: 074516 Published: OCT 1 2009
4. Title: B-10/B-11 1D/2D solid-state high-resolution NMR studies on boron-doped diamond
Author(s): M. Murakami, T. Shimizu, M. Tansho, Y. Takano, S. Ishii, E.A. Ekimov, V.A. Sidorov, K. Takegoshi
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5. Title: FeTe as a candidate material for new iron-based superconductor
Author(s): Y. Mizuguchi, F. Tomioka, S. Tsuda, T. Yamaguchi, Y. Takano
Source: PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS Volume: 469 Issue: 15-20 Pages: 1027-1029 Published: AUG-OCT 2009

6. Title: The electronic structure of Ca-intercalated superconducting graphite CaC₆
Author(s): H. Okazaki , R. Yoshida , K. Iwai , K. Noami , T. Muro , T. Nakamura ,
T. Wakita, Y. Muraoka, M. Hirai , F. Tomioka , Y. Takano , A. Takenaka , M. Toyoda ,
T. Oguchi , T. Yokoya
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469 Issue: 15-20 Pages: 1041-1044 Published: AUG-OCT 2009
7. Title: Intrinsic Josephson properties in an optimally doped (Hg,
Re)Ba₂Ca₂Cu₃O_{8+delta} single crystal
Author(s): S. Ueda, Y. Kubo, S. Tsuda , T. Yamaguchi , Y. Takano , J. Shimoyama ,
K. Kishio
Source: PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS Volume:
469 Issue: 15-20 Pages: 1596-1599 Published: AUG-OCT 2009
8. Title: Pressure evolution of the low-temperature crystal structure and bonding of
the superconductor FeSe (T_c=37 K)
Author(s): S. Margadonna, Y. Takabayashi, Y. Ohishi, Y. Mizuguchi, Y. Takano,
T. Kagayama, T. Nakagawa, M. Takata, K. Prassides
Source: PHYSICAL REVIEW B Volume: 80 Issue: 6 Article Number: 064506
Published: AUG 2009
9. Title: Successive Phase Transitions under High Pressure in FeTe_{0.92}
Author(s): Hironari Okada, Hiroyuki Takahashi, Yoshikazu Mizuguchi, Yoshihiko
Takano, Hiroki Takahashi
Source: JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN Volume: 78 Issue: 8
Article Number: 083709 Published: AUG 2009
10. Title: Fabrication of the Iron-Based Superconducting Wire Using Fe(Se,Te)
Author(s): Yoshikazu Mizuguchi, Keita Deguchi, Shunsuke Tsuda,
Takahide Yamaguchi¹, Hiroyuki Takeya, Hiroaki Kumakura, Yoshihiko Takano
Source: APPLIED PHYSICS EXPRESS Volume: 2 Issue: 8 Article Number: 083004
Published: AUG 2009

11. Title: Superconductor-insulator phase transition in single-crystal $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ films grown by the liquid-phase epitaxy method

Author(s): A. T. M. Nazmul Islam, T. Hitosugi, E. Dudzik, T. Hasegawa, S. Ueda, Y. Takano, F. N. Islam, M. K. R. Khan, M. N. Islam, A. K. M. A. Islam, S. Watauchi, I. Tanaka

Source: PHYSICAL REVIEW B Volume: 80 Issue: 2 Article Number: 024505
Published: JUL 2009

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Author(s): H. Okazaki, R. Yoshida, K. Iwai, K. Noami, T. Muro, T. Nakamura, T. Wakita, Y. Muraoka, M. Hirai, F. Tomioka, Y. Takano, A. Takenaka, M. Toyoda, T. Oguchi, T. Yokoya

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Published: JUL 2009

13. Title: Substitution Effects on FeSe Superconductor

Author(s): Yoshikazu Mizuguchi¹, Fumiaki Tomioka, Shunsuke Tsuda, Takahide Yamaguchi, Yoshihiko Takano

Source: JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN Volume: 78 Issue: 7
Article Number: 074712 Published: JUL 2009

14. Title: Precise Pressure Dependence of the Superconducting Transition Temperature of FeSe: Resistivity and Se-77-NMR Study

Author(s): Satoru Masaki, Hisashi Kotegawa, Yudai Hara, Hideki Tou, Keizo Murata, Yoshikazu Mizuguchi, Yoshihiko Takano

Source: JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN Volume: 78 Issue: 6
Article Number: 063704 Published: JUN 2009

15. Title: Superconductivity in CVD diamond films

Author(s): Takano Y

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Article Number: 253201 Published: JUN 24 2009

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Author(s): Hiroyuki Okazaki, Rikiya Yoshida, Takayuki Muro, Takanori Wakita, Masaaki Hirai, Yuji Muraoka, Yoshihiko Takano, Shingo Iriyama, Hiroshi Kwarada, Tamio Oguchi, Takayoshi Yokoya
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Author(s): Rikiya Yoshida, Takanori Wakita, Hiroyuki Okazaki, Yoshikazu Mizuguchi, Shunsuke Tsuda, Yoshihiko Takano, Hiroyuki Takeya, Kazuto Hirata, Takayuki Muro, Mario Okawa, Kyoko Ishizaka, Shik Shin, Hisatomo Harima, Masaaki Hirai, Yuji Muraoka, Takayoshi Yokoya
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Author(s): Yoshikazu Mizuguchi, Fumiaki Tomioka, Shunsuke Tsuda, Takahide Yamaguchi, Yoshihiko Takano
Source: APPLIED PHYSICS LETTERS Volume: 94 Issue: 1 Article Number: 012503 Published: JAN 5 2009
19. Title: Observation of macroscopic quantum tunneling in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ intrinsic Josephson Junctions
Author(s): Yuimaru Kubo, Takayoshi Tanaka, Shinya Ueda, Satoshi Ishii, Shunsuke Tsuda, Yamaguchi Takahide, ATM Nazmul Islam, Isao Tanaka, Yoshihiko Takano
Conference Information: 25th International Conference on Low Temperature Physics, Date: Amsterdam Netherlands
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20. Title: Superconductivity in Diamond

Author(s): Yoshihiko Takano

Source: CVD Diamond for Electronic Devices and Sensors Page 549 ~ 562

Published: MAR 2009

21. Title: 新鉄系超伝導物質 FeSe と FeTe

著者:水口佳一、高野義彦

発表誌 金属 79 巻 4 号 Page 331~335/ 2009 年 4 月刊行

22. Title: 鉄系超伝導線材の試作

著者:水口佳一、高野義彦

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Author(s): H. Okazaki, T.Yokoya , J.Nakamura , N.Yamada , T.Nakamura , T.Muro ,
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Author(s): Terukazu Nishizaki, Yoshihiko Takano, Masanori Nagao, Tomohiro
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Author(s): Fumiaki Tomioka , Masato Hedo , Izuru Umehara, Yoshiya Uwatoko,
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Author(s): Hisashi Kotegawa, Satoru Masaki, Yoshiki Awai, Hideki Tou, Yoshikazu
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Source: JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN Volume: 77 Issue:
11 Article Number: 113703 Published: NOV 2008

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Author(s): Serena Margadonna, Yasuhiro Takabayashi, Martin T. McDonald, Karolina
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Author(s): Yoshikazu Mizuguchi, Fumiaki Tomioka, Shunsuke Tsuda, Takahide Yamaguchi, Yoshihiko Takano

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Author(s): S. Ueda, T. Okutsu, Y. Kubo, S. Ishii, S. Tsuda, T. Yamaguchi, S. Horii, J. Shimoyama, K. Kishio, Y. Takano

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Author(s): P.Calvani, S.Lupi, M.Ortolani, L.Baldassarre. C.Mirri, R.Sopracase, U.Schade, Y.Takano, T.Tamegai

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Author(s): Satoshi Ishii, Tohru Watanabe, Shinya Ueda, Shunsuke Tsuda, Takahide Yamaguchi, Yoshihiko Takano

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Author(s): Jin Nakamura, Nobuyoshi Yamada, Kazuhiko Kuroki, Tamio Oguchi, Kozo Okada, Yoshihiko Takano, Masanori Nagao , Isao Sakaguchi, Tomohiro Takenouchi, Hiroshi Kawarada, Rupert C. C. Perera, David L. Ederer⁶

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Author(s): K. Ishizaka, R. Eguchi, S. Tsuda, A. Chainani, T. Yokoya, T. Kiss, T. Shimojima, T. Togashi, S. Watanabe, C.-T. Chen, Y. Takano, M. Nagao, I. Sakaguchi, T. Takenouchi, H. Kawarada, S. Shin

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Author(s): Kubo Y, Okutsu T, Ueda S, Takahide Y, Takano Y
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Author(s): Miwa Murakami, Tadashi Shimizu, Masataka Tansho, Yoshihiko Takano
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Author(s): S. Ishii, T. Okutsu, S. Ueda, and Y. Takano
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著者:高野義彦
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著者: 高野義彦

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著者: 石井聡、高野義彦

発表誌: NEW DIAMOND 24 巻 1 号 Page 6~10 2008 年 1 月刊行