

List of publications

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1 Thesis

“The studies on misfit layer compounds by Infrared and Raman spectroscopies”(in Japanese)
(submitted to Osaka University, 1997. Degree: Dr. Eng.)

2 Refreed Journals

1. “Optical film-thinning of few-layer graphene epitaxially grown on 4H-SiC(0001) surface : Robustness of monolayer-graphene against the photoexcitation”, Ryosuke Horie, Ryuichi Hirose, Jun ’ ichi Kanasaki, Kenji Kisoda, Isamu Yamamoto, Junpei Azuma, Kazutoshi Takahashi, Journal of Physics: Condensed Matter, accept for publication.
2. “Raman imaging studies on perforated MoS₂ films prepared by RF sputtering method”, N. Hasuike, S. Yamauchi, S. Kamoi, W. S. Yoo, and **K. Kisoda**, IOP Journal of Physics: Conference Series, **1220**, 012036-1 — 012036-4(2019).
3. “Optical Characterization of MoS₂ sputtered thin films”, N. Hasuike, S. Yamauchi, K. Seki, S. Kamoi, K. Nishio, and **Kenji Kisoda**, Journal of Physics: Conference series, **1220**, 012057-1 — 012057-4(2019).
4. “Origin of a Raman scattering peak generated in single-walled carbon nanotubes by X-ray irradiation and subsequent thermal annealing”, Toshiya Murakami, Mitsuaki Matsuda, **Kenji Kisoda**, and Chihiro Itoh, AIP Advances, **6**, 085303-1 — 085303-10 (2016).
5. “Formation of carbon-nanostructure from X-ray induced defect in single-walled carbon nanotubes”, Toshiya Murakami, Satoshi Isozaki, **Kenji Kisoda**, and Chihiro Itoh, Diamond and Related Materials **65**, 65 — 68(2016).
6. “Spectroscopic characterization of nitrogen- and boron- doped graphene layers”, Susumu Kamoi, Jung Gon Kim, Noriyuki Hasuike, **Kenji Kisoda**, and Hiroshi Harima, Japanese Journal of Applied Physics **54**, 115101-1 — 115101-5 (2015).
7. “Diameter-dependent annealing kinetics of X-ray-induced defects in single-walled carbon nanotubes”, T Murakami, M Matsuda, S Isozaki, **K Kisoda**, and C Itoh, IOP Conf. Series: Materials Science and Engineering **80**, 012016 (2015), 4 pages .
8. “Non-catalytic direct growth of nanographene on MgO substrates”, S. Kamoi, J. G. Kim, N. Hasuike, **K. Kisoda**, and H. Harima, Japanese Journal of Applied Physics **53**, 05FD06-1—05FD06-4 (2014).

9. “Structural modification of single-walled carbon nanotube induced by X-ray irradiation and subsequent annealing studied by Raman scattering spectroscopy in radial breathing mode”, T. Murakami, Y. Yamamoto, M. Matsuda, **K. Kisoda**, and C. Itoh, Japanese Journal of Applied Physics **53**, 02BD11-1—02BD11-4(2014).
10. “Multi-wavelength Raman scattering spectroscopic study of X-ray-irradiated single-walled carbon nanotube: Possibility of irradiation-induced electronic structure change”, T. Murakami, Y. Yamamoto, M. Matsuda, **K. Kisoda**, H. Nishigaki, N. Hasuike, H. Harima and C. Itoh, Japanese Journal of Applied Physics **53**, 05FC03-1—05FC03-5 (2014).
11. “Isochronal annealing study of X-ray induced defects in single- and double-walled carbon nanotubes”, T. Murakami, Y. Yamamoto, **K. Kisoda**, and C. Itoh, J. Appl. Phys. **114**, 114311-1 - 114311-7(2013).
12. “X-ray irradiation effect of double walled carbon nanotube”, T. Murakami, K. Asai, Y. Yamamoto, **K. Kisoda**, and C. Itoh, Eur. Phys. J. B **86**, 187(5 pages) (2013).
13. “Raman-scattering characterization of InN films grown by pressurized metal organic vapor phase epitaxy”, J. G. Kim, Y. Kamei, A. Kimura, N. Hasuike, H. Harima, **K. Kisoda**, Y.-H. Liu, and T. Matsuoka, Physica Status Solidi (b) **249**, 779-783(2012).
14. “Room Temperature Growth of Al-Doped ZnO Thin Films by Reactive DC Sputtering Technique with Metallic Target”, N. Hasuike, K. Nishio, **K. Kisoda**, and H. Harima, Japanese Journal of Applied Physics **52**, 01AC09-1 — 01AC09-4(2012).
15. “A Raman Imaging Study of Growth Process of Few-layer Epitaxial Graphene on Vicinal 6H-SiC”, S. Kamoi, **K. Kisoda**, N. Hasuike, H. Harima, K. Morita, S. Tanaka, A. Hashimoto, and Hiroki Hibino, Diamond and Related Materials **25**, 80 — 83(2012).
16. “Observation of $A_1(\text{LO})$, $E_2(\text{high})$, and $B_1(\text{high})$ phonon modes in $\text{In}_x\text{Ga}_{1-x}\text{N}$ alloys with $x=0.11-0.54$ ”, J. G. Kim, Y. Kamei, A. Kimura, N. Hasuike, H. Harima, **K. Kisoda**, T. Hotta, K. Sasamoto, and Y. Yamamoto, Physica Status Solidi (c) **9**, 730—732(2012).
17. “Low temperature synthesis of ZnO thin films by spin-coating technique”, H. Hasuike, T. Harada, T. Kiyohara, K. Nishio, **K. Kisoda**, H. Harima, Physica Status Solidi (c) **8**, 506-508(2011).
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19. “Determination of Al molar fraction in $\text{Al}_x\text{Ga}_{1-x}\text{N}$ films by Raman scattering”, J. G. Kim, A. Kimura, Y. Kamei, H. Hasuike, H. Harima, **K. Kisoda**, Y. Shimahara, H. Miyake, and K. Hiramatsu, Journal of Applied Physics **110**, 033511 (2011).
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22. “Raman spectroscopic study of phase transitions in undoped morphotropic $\text{PbZr}_{1-x}\text{Ti}_x\text{O}_3$ ”, Marco Deluca, Hideo Fukumura, Nobuhiko Tonari, Claudio Capiani, Noriyuki Hasuike, **Kenji Kisoda**, Carmen Galassi and Hiroshi Harima, *Journal of Raman Spectroscopy* **42**, 488 — 495 (2011)(DOI :10.1002/jrs.2714).
23. “Few-layer epitaxial graphene grown on vicinal 6H-SiC studied by deep ultraviolet Raman spectroscopy”, **Kenji Kisoda**, Susumu Kamoi, Noriyuki Hasuike, Hiroshi Harima, Kouhei Morita, Satoru Tanaka, and Akihiro Hashimoto, *Applied Physics Letters*, **97**, 033108—033110(2010). doi:10.1063/1.3466150
24. “Micro-Raman Study of BiFeO_3 Thin Films Fabricated by Chemical Solution Deposition Using Different Bi/Fe Ratio Precursors”, T. Nakamura, H. Fukumura, N. Hasuike, H. Harima, Y. Nakamura, **K. Kisoda**, S. Nakashima, M. Okuyama, *Acta Physica Polonica A* **116**, 72—74(2009)
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30. “Spin-phonon coupling in multiferroic YbMnO_3 studied by Raman scattering”, H. Fukumura, N. Hasuike, H. Harima, **K. Kisoda**, K. Fukae, T. Yoshimura and N. Fujimura, *Journal of Physics : Condensed Matter* **21**, 064218 (5pp)(2009).
31. “Raman Scattering Study of Stress Distribution around Dislocation in SiC”, D. Matsuoka, H. Yamamoto, S. Nishino, N. Hasuike, **K. Kisoda** and H. Harima, *Materials Science Forum* **600-603**, 337 — 340 (2009).
32. “Structural and electronic properties of Co-doped ZnO nanocrystals synthesized by co-precipitation method”, Noriyuki Hasuike, Koji Nishio, Toshiyuki Isshiki, **Kenji Kisoda**, and Hiroshi Harima, *Physica Status Solidi (c)* **6**, 213 — 216 (2009).
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37. “Spin-coupled phonons in multiferroic YbMnO₃ epitaxial films”, H Fukumura, N Hasuike, H Harima, **K Kisoda**, K Fukae, T Takahashi, T Yoshimura and N Fujimura, *Journal of Physics: Conference Series* **92**, 012126 (4pages)(2007).
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3 International and domestic conferences, Reports etc

2020 年

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