

2002

1. T. Aoki, A. Nakai, J. Matsuo and G. Takaoka,
"Study of Surface Morphological Evolution by Cluster Ion Irradiation on Solid Targets",
2002 MRS Fall Meeting (Boston, USA, 2002/12/2-6)
2. T. Seki, T. Aoki, A. Nakai, J. Matsuo and G. H. Takaoka,
"Threshold Energy for Generating Damage with Cluster Ion Irradiation",
2002 MRS Fall Meeting (Boston, USA, 2002/12/2-6)
3. J. Matsuo,
"Non-linear processing with gas cluster ion beam",
17th International Conference on the Application of Accelerators in Research and Industry
(Denton, USA, 2002/11/12 -16)
4. T. Seki, J. Matsuo and G. H. Takaoka,
"High Current Cluster Ion Beam Source",
17th International Conference on the Application of Accelerators in Research and Industry
(Denton, USA, 2002/11/12 -16)
5. T. Aoki, T. Seki, J. Matsuo and G. Takaoka,
"Molecular Dynamics Simulation of Damage Formation by Large Cluster Ion Impact",
17th International Conference on the Application of Accelerators in Research and Industry
(Denton, USA, 2002/11/12 -16)
6. T. Aoki, J. Matsuo and G. Takaoka,
"Molecular dynamics simulation of damage formation by low-energy boron cluster ion implantation",
14th International Conference on Ion Implantation Technology (Taos, New. Mexico, 2002/9/18-27).
7. T. Seki, J. Matsuo and G. H. Takaoka,
"Development of The Large Current Cluster Ion Beam Technology",
14th International Conference on Ion Implantation Technology (Taos, New. Mexico, 2002/9/18-27).
8. Y. Tanida, T. Aoki, J. Matsuo, G. Takaoka and K. Takasaki,
"Effect of Cluster Ion Beam Irradiation onto Si Substrate",
3rd Workshop on Cluster Ion Beam Process Technology (Kyoto, Japan, 2002/9/10-12)
9. T. Seki, J. Matsuo, G. H. Takaoka,
"Development of the Large Current Cluster Ion Beam Technology",
3rd Workshop on Cluster Ion Beam Process Technology (Kyoto, Japan, 2002/9/10-12)
10. K. Omoto, O. Nakatsu, J. Matsuo, T. Seki, G. H. Takaoka and I. Yamada,
"Titanium-Dioxide Film Formation Using Gas Cluster Ion Beam Assisted Deposition Technique",
3rd Workshop on Cluster Ion Beam Process Technology (Kyoto, Japan, 2002/9/10-12)
11. A. Nakai, T. Aoki, T. Seki, J. Matsuo and G. Takaoka,
"Si Smoothing Model with Cluster Ion Beam and Its Application",
3rd Workshop on Cluster Ion Beam Process Technology (Kyoto, Japan, 2002/9/10-12)
12. T. Aoki, T. Seki, A. Nakai, J. Matsuo and G. Takaoka,
"Study of Cluster-size Effect on Damage Formation",
3rd Workshop on Cluster Ion Beam Process Technology (Kyoto, Japan, 2002/9/10-12)

13. T. Aoki, J. Matsuo, G. Takaoka, N. Toyoda, I. Yamada and K. Matsuda,
"Defect Characteristics by Boron Cluster Ion",
13th International Conference on Ion Beam Modification of Materials (Kobe, Japan, 2002/9/1-6)
 14. T. Aoki, J. Matsuo, G. Takaoka and I. Yamada,
"Cluster Species Dependence of Damage Formation by Cluster Ion Impact",
13th International Conference on Ion Beam Modification of Materials (Kobe, Japan, 2002/9/1-6)
 15. T. Seki, J. Matsuo, G. H. Takaoka, I. Yamada,
"Generation of the Large Current Cluster Ion Beam",
13th International Conference on Ion Beam Modification of Materials (Kobe, Japan, 2002/9/1-6)
 16. R. Matsuki, A. Nishiyama, T. Seki, J. Matsuo, I. Yamada,
"Surface smoothing of CVD-diamond wafer by mechanical scanned cluster ion beam",
13th international conference on ion beam modification of materials, (Kobe, Japan, 2002/9/1-6)
 17. A. Nakai, T. Aoki, T. Seki, J. Matsuo, G. H. Takaoka, I. Yamada,
"Modeling of surface smoothing process by cluster ion beam irradiation",
13th international conference on ion beam modification of materials, (Kobe, Japan, 2002/9/1-6)
 18. O. Nakatsu, K. Omoto, T. Seki, J. Matsuo, G. H. Takaoka, I. Yamada,
"Titanium-dioxide film formation using gas cluster ion beam assisted deposition technique",
13th international conference on ion beam modification of materials, (Kobe, Japan, 2002/9/1-6)
 19. Jiro Matsuo, Takaaki Aoki, Toshio Seki, Noriaki Toyoda, Isao Yamada,
"Fundamental aspect of cluster ion collision and its application to industrial processing",
13th international conference on ion beam modification of materials, (Kobe, Japan, 2002/9/1-6)
 20. T. Aoki, J. Matsuo and G. Takaoka,
"Molecular Dynamics Simulation of Etching Process by Continuous Fluorine Ion Irradiation", 6th
6th International Conference on Computer Simulation of Radiation Effects in Solids
(Dresden Germany , 2002/6/23-27)
 21. T. Aoki, J. Matsuo and G. Takaoka,
"Tight-Binding Molecular Dynamics Simulations of Carbon Impact to Fullerene",
6th International Conference on Computer Simulation of Radiation Effects in Solids
(Dresden Germany , 2002/6/23-27)
 22. T. Aoki, J. Matsuo and G. Takaoka,
"Molecular Dynamics Simulation of Damage Formation by Large Cluster Ion Impact",
6th International Conference on Computer Simulation of Radiation Effects in Solids
(Dresden Germany , 2002/6/23-27)
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2001

1. T. Aoki, J. Matsuo, G. H. Takaoka,
"Molecular Dynamics Study of damage Formation by Large Cluster Ion",
Materials Research Society 2001 Fall Meeting (Boston, USA, 2001/11/26-30)
2. T. Aoki, J. Matsuo, G. H. Takaoka,
"Molecular Dynamics Study of damage Formation by Large Cluster Ion",
Materials Research Society 2001 Fall Meeting (Boston, USA, 2001/11/26-30)
3. N. Toyoda, J. Matsuo, T. Aoki, I. Yamada and D. B. Fenner,
"Secondary ion mass spectrometry with gas cluster ion beams",
13th International Conference on Secondary Ion Mass Spectrometry (Nara, Japan, 2001/11/11-16)
4. N. Toyoda, J. Matsuo, T. Aoki, I. Yamada and D. B. Fenner,
"Secondary ion mass spectrometry with gas cluster ion beams",
15th International Conference on Ion Beam Analysis (Cairns, Australia, 2001/7/11-16)
5. J. Matsuo, T. Seki, T. Aoki and G. H. Takaoka,
"UHV-STM study of ion-assisted growth of Ge on Si surfaces",
MRS 2001 Spring Meeting (San Francisco, USA, 2001/4/16-20)

6. N.Toyoda, T. Aoki, J. Matsuo, I. Yamada, K. Wada and L. C. Kimerling,
"Photoluminescence study of defects induced by B¹⁰H¹⁴ ions",
MRS 2001 Spring Meeting (San Francisco, USA, 2001/4/16-20)
7. T. Aoki, J. Matsuo and G. H. Takaoka,
"Characterization of damage induced by cluster ion implantation",
MRS 2001 Spring Meeting (San Francisco, USA, 2001/4/16-20)