Li, C; Ranganathan, S; Inoue, A
Initial crystallization processes of Hf–Cu–M (M=Pd, Pt or Ag) amorphous

Inoue, A; Zhang, W; Zhang, T; Kurosaka, K
High-strength Cu-based bulk glassy alloys in Cu–Zr–Ti and Cu–Hf–Ti ternary

Wu, YQ; Bitoh, T; Hono, K; Makino, A; Inoue, A
Microstructure and properties of nanocrystalline Fe–Zr–Nb–B soft magnetic alloys with low
magnetostriction

Kim, JH; Kim, SG; Inoue, A
In situ observation of solidification behavior in undercooled Pd–Cu–Ni–P alloy by using a confocal
scanning laser microscope

Inoue, A
High strength and ductile bulk quasi-crystalline

Louzguine, DV; Inoue, A
Formation of a nanoquasicrystalline phase in Zr–Cu–Ti–Ni metallic

Nishiyama, N; Inoue, A; Jiang, JZ
Elastic properties of Pd40Cu30Ni10P20 bulk glass in supercooled liquid

Louzguine, DV; Inoue, A
Strong influence of supercooled liquid on crystallization of the Al85Ni5Y4Nd4Co2 metallic

Louzguine, DV; Inoue, A
Electronegativity of the constituent rare–earth metals as a factor stabilizing the supercooled liquid
region in Al-based metallic glasses
Saida, J; Matsushita, M; Inoue, A
Direct observation of icosahedral cluster in Zr70Pd30 binary glassy

Chen, MW; Dutta, I; Zhang, T; Inoue, A; Sakurai, T
Kinetic evidence for the structural similarity between a supercooled liquid and an icosahedral phase in Zr65Al7.5Ni10Cu12.5Ag5 bulk metallic glass

Kato, H; Inoue, A; Chen, HS
Creep deformation and stress-induced structural disorder near Tg in a Zr55Al10Ni5Cu30 glassy

Chen, HS; Kato, H; Inoue, A; Saida, J; Nishiyama, N
Thermal evidence of stress-induced structural disorder of a Zr55Al10Ni5Cu30 glassy alloy in the non–Newtonian region

Zhuang, YX; Jiang, JZ; Lin, ZG; Mezouar, M; Crichton, W; Inoue, A
Evidence of eutectic crystallization and transient nucleation in Al89La6Ni5 amorphous

Haruyama, O; Miyazawa, T; Saida, J; Inoue, A
Change in electrical resistivity due to icosahedral phase precipitation in Zr70Pd20Ni10 and Zr65Al7.5Cu7.5Ni10Ag10 glasses

Li, C; Wang, L; Inoue, A
Precipitation of nanoscale icosahedral quasicrystalline phase in Hf–Cu–(Rh, Ir) amorphous

Jiang, JZ; Zhuang, YX; Rasmussen, H; Nishiyama, N; Inoue, A; Lathe, C
Crystallization of Pd40Cu30Ni10P20 bulk glass under

Saida, J; Matsushita, M; Li, CF; Inoue, A
Formation of nano Icosahedral quasicrystalline phase in Zr–Ni–M (M=Pd, Au, Pt) ternary glassy

Stadnik, ZM; Saida, J; Inoue, A
Fe–57 Mossbauer study of amorphous and icosahedral
Ferroelectrics 250 (2001) 297 – 300
Tobo, A; Onodera, H; Yamaguchi, Y; Yokoyama, Y; Note, R; Inoue, A
*Spin glass behavior in a decagonal quasicrystal Al–Mn–Fe–Ge*

Chiriac, H; Lupu, N; Takeuchi, A; Inoue, A
*High coercivity Nd90–xFeAl10 bulk amorphous*

Li, CF; Inoue, A
*Effect of Zn addition on the crystallization process in Zr65Al7.5Ni10Cu17.5 metallic*

Wang, LM; Li, CF; Inoue, A
*Formation of a single icosahedral quasicrystalline phase in Hf60Ni15Cu10Ti15 metallic*

El-Eskandarany, MS; Matsushita, M; Inoue, A
*Phase transformations of ball-milled Nb50Zr10Al10Ni10Cu20 powders and the effect of*

Zhang, W; Inoue, A
*Influence of ribbon thickness on the formation and magnetic properties of melt-spun Fe–Co–Nd–Dy–B metallic glasses*

Zhang, W; Matsushita, M; Inoue, A
*Hard magnetic properties of Fe–Co–Nd–Dy–B nanocrystalline alloys containing residual amorphous phase*

Saida, J; Matsushita, M; Inoue, A
*Nanoicosahedral quasicrystalline phase in Zr–Pd and Zr–Pt binary*

Saotome, Y; Miwa, S; Zhang, T; Inoue, A
*The micro-formability of Zr–based amorphous alloys in the supercooled liquid state and their application to micro-dies*

Li, CH; Inoue, A
*Precipitation of icosahedral quasicrystalline phase in Hf69.5Al7.5Ni11Cu12 metallic*
Inoue, A; Kawamura, Y; Matsushita, M; Hayashi, K; Koike, J

**Novel hexagonal structure and ultrahigh strength of magnesium solid solution in the Mg−Zn−Y**


Zhang, T; Inoue, A; Matsushita, M; Saida, J

**Formation of icosahedral quasicrystal by crystallization of Zr−70(Ni, Cu, Pd)(30) amorphous**


Saida, J; Matsushita, M; Inoue, A

**Redistribution behavior of constitutional elements at an initial crystallization stage in the Zr65Al7.5Ni10Cu17.5 glassy alloy**


Inoue, A; Zhang, W; Zhang, T; Kurosaka, K

**Formation and mechanical properties of Cu−Hf−Ti bulk glassy**


Imafuku, M; Saida, J; Inoue, A

**Change in local atomic structure during formation of the icosahedral quasicrystalline phase in Zr70Pd30 glassy alloy**


Saida, J; Li, CF; Matsushita, M; Inoue, A

**Investigation of the stability of glassy state in the Zr− and Hf-based glassy alloys correlated with their transformation behavior**


Waku, Y; Ohtsubo, H; Takahashi, T; Inoue, A

**An amorphous ceramic Al32.4Er7.6O60 fiber with large viscous flow deformation and a high-strength nanocrystallized ceramic fiber**


Ma, L; Wang, L; Inoue, A

**Formation of nano-scale icosahedral quasicrystalline phase in amorphous Zr60Ni25Ti15**


Li, C; Wang, L; Inoue, A

**Precipitation of nanoscale icosahedral quasicrystalline phase in amorphous Hf70Cu20Pt10**


Louzguine, DV; Ko, MS; Ranganathan, S; Inoue, A

**Nanocrystallization of the Fd(3)over-bar-m Ti2Ni-type phase in Hf-based metallic**

Uriarte, JL; Zhang, T; Deledda, S; Vaughan, G; Yavari, AR; Inoue, A; Kvick, A

Real-time detection of metastable phases in Zr-based bulk glasses during fast heating in a synchrotron beam


Li, CF; Inoue, A

Precipitation of nano-scale icosahedral quasicrystalline phase in amorphous Hf70Ni10Pd20


Louzguine, DV; Takeuchi, A; Inoue, A

Structure and crystallization behavior of Al-free Ge-based amorphous alloys produced by rapid solidification of the melt


Saida, J; Inoue, A

Icosahedral quasicrystalline phase formation in Zr-Al-Ni-Cu glassy alloys by addition of Nb, Ta and V elements


Li, CF; Wang, LM; Inoue, A

Initial crystallization processes of Zr–Cu–Rh metallic


Onodera, H; Itoi, T; Inoue, A

Mossbauer study on crystallization behavior of glassy Fe58Co7Ni7ZrxB28-x (3 <= x <= 18) alloys with variable supercooled-liquid regions


Saida, J; Inoue, A

Effect of Mo addition on the formation of metastable fcc Zr2Ni and icosahedral phases in Zr–Al–Ni–Cu glassy alloy


Li, CF; Inoue, A

Precipitation of icosahedral quasi crystalline phase in metallic Zr65Al7.5Ni5Cu17.5Re5


Li, CF; Wang, LM; Inoue, A

Precipitation of nanoscale icosahedral quasicrystalline phase in Hf–Cu amorphous alloy promoted by the addition of Ni

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<tr>
<th>Authors</th>
<th>Title</th>
<th>Journal</th>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
<th>DOI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Imafuku, M; Yaoita, K; Sato, S; Zhang, W; Inoue, A; Waseda, Y</td>
<td><em>Local atomic structure of Fe–Co–Ln–B (Ln = Sm, Tb or Dy) amorphous alloys with supercooled liquid region</em></td>
<td>Mater. Sci. Eng. A–Struct. Mater.</td>
<td>304</td>
<td>(2001)</td>
<td>660 – 664</td>
<td>01-IMR0423</td>
</tr>
</tbody>
</table>
Kawamura, Y; Nakamura, T; Kato, H; Mano, H; Inoue, A  
Newtonian and non-Newtonian viscosity of supercooled liquid in metallic  

Nishiyama, N; Horino, M; Haruyama, O; Inoue, A  
Abrupt change in heat capacity of supercooled Pd–Cu–Ni–P melt during continuous  

Myung, WN; Bae, HY; Hwang, IS; Kim, HG; Nishiyama, N; Inoue, A; Green, AL  
Viscous flow behavior and thermal properties of bulk amorphous Pd40Ni10Cu30P20  

Myung, WN; Ryu, SP; Hwang, IS; Kim, HG; Zhang, T; Inoue, A; Greer, AL  
Viscous flow behavior of bulk amorphous Zr55Al10Ni5Cu30  

Murty, BS; Ping, DH; Hono, K; Inoue, A  
APFIM and TEM study of the oxygen behavior during crystallization of Zr65Cu27.5Al7.5 metallic  

Wang, XM; Inoue, A  
Formation and mechanical properties of bulk amorphous FC20 (Fe–C–Si) cast iron with small addition of B  

Saotome, Y; Hatori, T; Zhang, T; Inoue, A  
Superplastic micro/nano-formability of La60Al20Ni10Co5Cu5 amorphous alloy in supercooled liquid state  

Kawamura, Y; Itoi, T; Nakamura, T; Inoue, A  
Superplasticity in Fe-based metallic glass with wide supercooled liquid  

Haruyama, O; Kimura, H; Nishiyama, N; Inoue, A  
Behavior of electrical resistivity through glass transition in Pd40Cu30Ni10P20 metallic  

Saotome, Y; Roppongi, K; Zhang, T; Inoue, A  
Characteristic behavior of La55Al25Ni20 amorphous alloy under rapid  
Kato, H; Kawamura, Y; Inoue, A; Chen, HS

Modeling of stress-strain curves for Pd40Ni10Cu30P20 glass alloy under constant strain-rate deformation

Ikarashi, K; Mizushima, T; Makino, A; Inoue, A

Preparation of the bulk Fe–Al–Ga–P–C–B–Si glassy alloys in a ringed form by copper mold

Zhang, T; Inoue, A

Ti-based amorphous alloys with a large supercooled liquid

Han, TK; Zhang, T; Inoue, A; Yang, YS; Kim, IB; Kim, YH

Thermal and mechanical properties of amorphous Zr65Al7.5Ni10Cu12.5Ag5 alloy containing nanocrystalline compound particles

Matsubara, E; Sato, S; Imafuku, M; Nakamura, T; Koshiba, H; Inoue, A; Waseda, Y

Structural study of amorphous Fe70M10B20 (M = Zr, Nb and Cr) alloys by X-ray

Inoue, A; Kawamura, Y; Kimura, HM; Mano, H

Nanocrystalline Al–based bulk alloys with high strength above 1000

Gloriant, T; Surinach, S; Munoz, JS; Baro, MD; Inoue, A

Oxidation influence on crystallisation in iron–based amorphous

Saida, J; Matsushita, M; Inoue, A

Nucleation and growth of nano icosahedral phase in Zr65Al7.5Ni10Cu7.5M10 (M=Ag and Pd) glassy alloys

Zhang, T; Inoue, A

Bulk glassy alloys in (Fe, Co, Ni)–Si–B

Shen, BL; Kimura, H; Inoue, A; Mizushima, T

Bulk glassy Fe78–xCoxGa2P12C4B4 alloys with high saturation magnetization and good soft magnetic properties
Nishiyama, N; Matsushita, M; Inoue, A

*Crystallization and glass forming ability of supercooled Pd–Cu–Ni–P*

Mater. Trans. 42 (2001) 1068 – 1073

01-IMR0453

Saida, J; Matsushita, M; Inoue, A

*Structural change from amorphous to nano icosahedral quasicrystalline phase with quenching rate in Zr–Pt binary alloy*


01-IMR0454

Zhang, W; Inoue, A

*Soft magnetic properties of (Fe, Co)–RE–B amorphous alloys with a large supercooled liquid*


01-IMR0455

Inoue, A; Zhang, W; Zhang, T; Kurosaka, K

*Thermal and mechanical properties of Cu-based Cu–Zr–Ti bulk glassy*


01-IMR0456

Kawamura, Y; Hayashi, K; Inoue, A; Masumoto, T

*Rapidly solidified powder metallurgy Mg(97)Zn(1)Y(2)Alloys with excellent tensile yield strength above 600 MPa*

Mater. Trans. 42 (2001) 1172 – 1176

01-IMR0458

Takeuchi, A; Inoue, A

*Calculations of amorphous–forming composition range for ternary alloy systems and analyses of stabilization of amorphous phase and amorphous–forming ability*

Mater. Trans. 42 (2001) 1435 – 1444

01-IMR0459

Inoue, A

*Special issue on nano–metals I –*


01-IMR0460

Li, CF; Inoue, A

*Precipitation of nanoscale icosahedral quasicrystalline phase in Zr–Cu glassy alloy promoted by the addition of Ir*


01-IMR0461

Saida, J; Matsushita, M; Inoue, A

*Nano icosahedral quasicrystalline phase in Zr65Al7.5Ni10Ag17.5 quaternary glassy*

Mater. Trans. 42 (2001) 1493 – 1496

01-IMR0462

Saida, J; Matsushita, M; Inoue, A

*Transformation of nano icosahedral phase in Zr65Al7.5Ni10Cu17.5–xPdx (x<0 to 4) glassy*


01-IMR0463
Fujita, K; Inoue, A; Zhang, T
Effects of overload and frequency on fatigue crack propagation in nanocrystalline Zr–based bulk metallic glass
Mater. Trans. 42 (2001) 1502 – 1508
01-IMR0464

Ishihara, S; Inoue, A
Superplastic deformation of supercooled liquid in Zr–based bulk glassy alloys containing nano-quasicrystalline particles
01-IMR0465

Nakamura, T; Matsubara, E; Imafuku, M; Koshiba, H; Inoue, A; Waseda, Y
Structural study of amorphous Fe70M10B20 (M = Cr, W, Nb, Zr and Hf) alloys by X-ray
01-IMR0318

Kojima, A; Ito, S; Makino, A; Inoue, A
Soft magnetic properties of nanocrystalline Fe–Nb–B–P alloys produced in the atmosphere by melt-spinning method
Mater. Trans. 42 (2001) 1535 – 1539
01-IMR0466

Zhang, W; Matsusita, M; Inoue, A
Hard magnetic properties and nanocrystallized structure of Fe66.5Co10Pr3.5B20 glassy
Mater. Trans. 42 (2001) 1543 – 1546
01-IMR0467

Ortega-Hertogs, RJ; Inoue, A; Rao, KV
Coexistence of various Nd–rich and Fe–rich Fe–Nd short range orderings in bulk glassy Nd60Fe30Al10 hard magnets
Mater. Trans. 42 (2001) 1547 – 1551
01-IMR0468

Kamiyama, T; Kimura, H; Sasamori, K; Inoue, A
Nanometer–scale structure of rapidly solidified Al92V3Fe3Zr2
01-IMR0319

Sasaki, H; Kita, K; Nagahora, J; Inoue, A
Nanostructures and mechanical properties of bulk Al–Fe alloys prepared by electron–beam
01-IMR0469

Shen, BL; Yamasaki, T; Ogino, Y; Kimura, H; Inoue, A
The liquid–enhanced plasticity and deformation behavior of Cu–Mg–TiC nanocrystalline
01-IMR0470

Takahashi, T; Kai, T; Kimura, H; Inoue, A
Hydrogenation of benzene over catalyst prepared from amorphous Pt–Zr
Mater. Trans. 42 (2001) 1599 – 1602
01-IMR0471
Inoue, A; Zhang, T; Kurosaka, K; Zhang, W
*High-strength Cu-based bulk glassy alloys in Cu-Zr-Ti-Be*

Inoue, A; Zhang, W; Zhang, T; Kurosaka, K
*Cu-based bulk glassy alloys with good mechanical properties in Cu-Zr-Hf-Ti*
Mater. Trans. 42 (2001) 1805 – 1812

Fukumura, H; Inoue, A; Koshiba, H; Mizushima, T
*(Fe, Co)-(Hf, Nb)-B glassy thick sheet alloys prepared by a melt clamp forging*

Zhang, W; Inoue, A
*Formation and soft magnetic properties of (Fe, Co)-RE-B glassy alloy with large*

Sato, S; Imafuku, M; Matsubara, E; Inoue, A; Waseda, Y
*In-house anomalous x-ray scattering analysis for the amorphous Zr60Al15Ni25*

Zhang, T; Kurosaka, K; Inoue, A
*Thermal and mechanical properties of Cu-based Cu-Zr-Ti-Y bulk glassy*

Zhang, W; Matsusita, M; Li, CF; Kimura, H; Inoue, A
*Glass-forming ability, crystallized structure and magnetic properties of Fe67Co9.5Nd3Dy0.5B20 glassy alloy with large supercooled liquid region*
Mater. Trans. 42 (2001) 2059 – 2063

Guo, XQ; Ma, LQ; Inoue, A
*Improved hydrogen storage capacity of Ti60Zr15Ni15Cu10 amorphous*
Mater. Trans. 42 (2001) 2133 – 2135

Shen, BL; Koshiba, H; Inoue, A; Kimura, H; Mizushima, T
*Bulk glassy Co43Fe20Ta5.5B31.5 alloy with high glass-forming ability and good soft magnetic properties*

Takeuchi, A; Inoue, A
*Evaluation of glass-forming ability for metallic glasses from time-reduced temperature-transformation diagram*
Guo, XQ; Louzguine, D; Inoue, A
Crystallization kinetics of Ti–Zr–Ni–Cu metallic
01-IMR0481

Koshiba, H; Inoue, A
Preparation and magnetic properties of co–based bulk glassy
Mater. Trans. 42 (2001) 2572 – 2575
01-IMR0482

Wang, LM; Inoue, A
Icosahedral and amorphous phases in melt–spun Ti–Zr–Ni–Cu
01-IMR0483

Wang, LM; Li, CF; Inoue, A
Formation of Ti–Zr(Hf)–Ni–Cu amorphous alloys and quasicrystal precipitation upon
Mater. Trans. 42 (2001) 528 – 531
01-IMR0442

Amiya, K; Inoue, A
Preparation of bulk glassy Mg65Y10Cu15Ag5Pd5 alloy of 12 mm in diameter by water
01-IMR0443

Inoue, A
Special issue on bulk metallic glasses III –
Mater. Trans. 42 (2001) 547 – 547
01-IMR0444

Chen, HS; Kato, H; Inoue, A
A fictive stress model and nonlinear viscoelastic behaviors in metallic
01-IMR0445

Yokoyama, Y; Yamano, K; Fukaura, K; Sunada, H; Inoue, A
Enhancement of ductility and plasticity of Zr55Cu30Al10Ni5 bulk glassy alloy by cold
01-IMR0446

Shen, BL; Kimura, H; Inoue, A; Mizushima, T
Bulk glassy Fe–Ga–P–C–B alloys with high saturation magnetization and good soft magnetic
properties synthesized by fluxing treatment and copper mold casting
01-IMR0447

Kakiuchi, H; Inoue, A; Onuki, M; Takano, Y; Yamaguchi, T
Application of Zr–based bulk glassy alloys to golf
01-IMR0448
Yokoyama, Y; Nishiyama, N; Fukaura, K; Sunada, H; Murakami, Y; Inoue, A
Rotating-beam fatigue properties of Pd40Cu30Ni10P20 bulk glassy
Mater. Trans. 42 (2001) 876 – 880

Wang, L; Li, C; Inoue, A
Formation and mechanical properties of bulk glassy Ni57–xTi23Zr15Si5Pdx

Inoue, A; Takeuchi, A; Shen, BL
Formation and functional properties of Fe-based bulk glassy

Li, CF; Inoue, A
Precipitation of nano-scale icosahedral quasicrystalline phase in amorphous Hf73Pd27

Pang, SJ; Zhang, T; Asami, K; Inoue, A
New Fe–Cr–Mo–(Nb, Ta)–C–B glassy alloys with high glass-forming ability and good corrosion resistance

Han, TK; Kim, SJ; Yang, YS; Inoue, A; Kim, YH; Kim, IB
Nanocrystallization and high tensile strength of amorphous Zr–Al–Ni–Cu–Ag

Saida, J; Matsushita, M; Li, C; Inoue, A
Formation of the icosahedral quasicrystalline phase in Zr70Pd30 binary glassy

Li, CF; Inoue, A
Precipitations of icosahedral quasicrystalline and crystalline approximant phases in Zr–Al–Ni–Cu–Ir metallic glasses

Jiang, JZ; Zhuang, YX; Rasmussen, H; Saida, J; Inoue, A
Formation of quasicrystals and amorphous–to–quasicrystalline phase transformation kinetics in Zr65Al7.5Ni10Cu7.5Ag10 metallic glass under pressure

Li, C; Inoue, A
Primary precipitation phases in amorphous Hf65Al7.5Ni10Cu17.5 and Hf65Al7.5Ni10Cu12.5M5 (M = Pd and Pt) alloys
Yavari, AR; Inoue, A; Zhang, T; Botta, WJ; Kvick, A
*Metastable phases, quasicrystals and solid solutions in Zr-based bulk glass-forming*
Scr. Mater. 44 (2001) 1239 – 1244

Saida, J; Matsushita, M; Inoue, A
*Nano icosahedral phase formation by crystallization of Zr-based ternary glassy*
Scr. Mater. 44 (2001) 1245 – 1249

Li, CF; Saida, J; Inoue, A
*Precipitation of nano-scale icosahedral quasicrystalline phase in Hf-Al-Ni-Cu metallic glass promoted by addition of Ti*
Scr. Mater. 44 (2001) 1257 – 1260

Nishiyama, N; Matsushita, M; Inoue, A
*In-situ observation of the early stage of crystallization in undercooled Pd-Cu-Ni-P*

Kamiyama, T; Kimura, H; Sasamori, K; Inoue, A
*A SAXS study of rapidly solidified Al-base amorphous alloys containing nanometer-scale*
Scr. Mater. 44 (2001) 1297 – 1301

Ortega-Hertogs, RJ; Inoue, A; Rao, KV
*Evolution from random-axis ising to Stoner-Wohlfarth type of hysteresis loops of the cluster glass Fe3Nd phase in bulk glassy Nd60Fe30Al10 hard magnets*
Scr. Mater. 44 (2001) 1333 – 1336

Yamasaki, M; Hamano, M; Mizuguchi, H; Kobayashi, T; Hono, K; Yamamoto, H; Inoue, A
*Microstructure of hard magnetic bccFe-/NdFeB nanocomposite*
Scr. Mater. 44 (2001) 1375 – 1378

Kojima, A; Makino, A; Inoue, A
*Effect of Co addition on the magnetic properties of nanocrystalline Fe-rich Fe-Nb-(Nd,Pr)-B alloys produced by crystallization of an amorphous phase*
Scr. Mater. 44 (2001) 1383 – 1387

Takadate, K; Kojima, A; Makino, A; Inoue, A
*Effect of Nd substitution on the soft magnetic properties of a nanocrystalline Fe84Nb7B9*
Scr. Mater. 44 (2001) 1401 – 1405

Suzuki, K; Cadogan, JM; Aoki, K; Tsai, AP; Inoue, A; Masumoto, T
*Nanocrystallization and glass transition in Cu-free Fe-Nb-B soft magnetic*
Scr. Mater. 44 (2001) 1417 – 1420
Yokoyama, Y; Yamano, K; Fukaura, K; Sunada, H; Inoue, A
_Ductility improvement of Zr55Cu30Al10Ni5 bulk amorphous_
_Scr. Mater. 44 (2001) 1529 – 1533_ 01-IMR0501

Saotome, Y; Itoh, K; Zhang, T; Inoue, A
_Superplastic nanoforming of Pd–based amorphous_
_Scr. Mater. 44 (2001) 1541 – 1545_ 01-IMR0502

Kawamura, Y; Mano, H; Inoue, A
_Nanocrystalline aluminum bulk alloys with a high strength of 1420 MPa produced by the consolidation of amorphous powders_
_Scr. Mater. 44 (2001) 1599 – 1604_ 01-IMR0503

Inoue, A; Zhang, T; Ishihara, S; Saida, J; Matsushita, M
_Preparation and mechanical properties of nanoquasicrystalline base bulk_
_Scr. Mater. 44 (2001) 1615 – 1619_ 01-IMR0504

Fujita, K; Inoue, A; Zhang, A
_Fractography of fatigue crack propagation in a nanocrystalline Zr–based bulk metallic_
_Scr. Mater. 44 (2001) 1629 – 1633_ 01-IMR0505

Fan, C; Imafuku, M; Kurokawa, H; Inoue, A
_Influence of the liquid temperatures on nanocrystal–forming Zr–based metallic_

Shen, BL; Yamasaki, T; Ogino, Y; Kimura, HM; Inoue, A
_Effect of liquid phase on superplastic deformation and diffusion bonding of Cu–Mg–TiC nanocrystalline composite_
_Scr. Mater. 44 (2001) 2133 – 2136_ 01-IMR0507

Takagi, M; Ohta, H; Imura, T; Kawamura, Y; Inoue, A
_Wear properties of nanocrystalline aluminum alloys and their_
_Scr. Mater. 44 (2001) 2145 – 2148_ 01-IMR0508

Matsubara, E; Sakurai, M; Nakamura, T; Imafuku, M; Sato, S; Saida, J; Inoue, A
_Environmental structural studies in amorphous and quasicrystalline Zr70AI6Ni10Pt14_
_Scr. Mater. 44 (2001) 2297 – 2301_ 01-IMR0324

Imafuku, M; Sato, S; Koshiba, H; Matsubara, E; Inoue, A
_Structural variation of Fe–Nb–B metallic glasses during crystallization_
_Scr. Mater. 44 (2001) 2369 – 2372_ 01-IMR0326
Louzguine, DV; Ko, MS; Inoue, A

Nanoscale icosahedral phase produced by devitrification of Hf–Au–Ni–Al and Hf–Au–Cu–Al metallic glasses


Itoi, T; Takamizawa, T; Kawamura, Y; Inoue, A

Fabrication of Co40Fe22Nb8B30 bulk metallic glasses by consolidation of gas-atomized powders and their soft-magnetic properties