

RETRACTION

RETRACTED—Formation and properties of Zr-based bulk quasicrystalline alloys with high strength and good ductility

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This article¹ has been retracted by the Editor-In-Chief.

Figures 1, 2, 5, 20, and 21 were earlier published in the authors' publications in *Materials Transactions*, *JIM*,² *Applied Physics Letters*³ (also retracted), and *Materials Science and Engineering*.⁴ No permission was obtained from the publishers to reprint the figures.

The authors also self-plagiarized substantial portions from all of the above publications.

This retraction has no bearing on the previously published work, and the results stand as presented.

REFERENCES

1. A. Inoue, T. Zhang, M.W. Chen, T. Sakurai, J. Saida, and M. Matsushita: RETRACTED—Formation and properties of

Zr-based bulk quasicrystalline alloys with high strength and good ductility. *J. Mater. Res.* **15**, 2195–2208 (2000). doi: 10.1557/jmr.2000.0316.

2. A. Inoue, T. Zhang, J. Saida, M. Matsushita, M.W. Chen, and T. Sakurai: High strength and good ductility of bulk quasicrystalline base alloys in $Zr_{65}Al_{7.5}Ni_{10}Cu_{17.5-x}Pd_x$ system. *Mater. Trans., JIM* **40**, 1137–1143 (1999). doi: 10.2320/matertrans1989.40.1137.
3. A. Inoue, T. Zhang, M.W. Chen, and T. Sakurai: Ductile quasicrystalline alloys. *Appl. Phys. Lett.* **76**, 967 (2000). doi: 10.1063/1.125907.
4. A. Inoue, C. Fan, J. Saida, and T. Zhang: High-strength Zr-based bulk amorphous alloys containing nanocrystalline and nanoquasicrystalline particles. *Sci. Technol. Adv. Mater.* **1**, 73–86 (2000). doi: 10.1016/s1468-6996(00)00009-7.