

No.	Description
12	Edalati, K., Toh, S., Watanabe, M. and Horita, Z. (2012) In situ production of bulk intermetallic-based nanocomposites and nanostructured intermetallics by high-pressure torsion, SCRIPTA MATERIALIA, 66 (6), 386-389. DOI: 10.1016/j.scriptamat.2011.11.039
11	Lee, S. and Horita, Z. (2012) High-Pressure Torsion for Pure Chromium and Niobium, MATERIALS TRANSACTIONS, 53 (1), 38-45. DOI: 10.2320/matertrans.MD201131
10	Cubero-Sesin, J. M. and Horita, Z. (2012) Strengthening via Microstructure Refinement in Bulk Al-4 mass% Fe Alloy Using High-Pressure Torsion, MATERIALS TRANSACTIONS, 53 (1), 46-55. DOI: 10.2320/matertrans.MD201127
9	Edalati, K., Iwaoka, H., Horita, Z., Konno, M. and Sato, T. (2011) Unusual hardening in Ti/Al ₂ O ₃ nanocomposites produced by high-pressure torsion followed by annealing, MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING, 529, 435-441. DOI: 10.1016/j.msea.2011.09.056
8	Edalati, K., Imamura, K., Kiss, T. and Horita, Z. (2012) Equal-Channel Angular Pressing and High-Pressure Torsion of Pure Copper: Evolution of Electrical Conductivity and Hardness with Strain, MATERIALS TRANSACTIONS, 53 (1), 123-127. DOI: 10.2320/matertrans.MD201109
7	Edalati, K., Toh, S., Ikoma, Y. and Horita, Z. (2011) Plastic deformation and allotropic phase transformations in zirconia ceramics during high-pressure torsion, SCRIPTA MATERIALIA, 65 (11), 974-977. DOI: 10.1016/j.scriptamat.2011.08.024
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5	Yan, Y., Li, H.-W., Maekawa, H., Miwa, K., Towata, S. and Orimo, S. (2011) Formation of Intermediate Compound Li ₂ B ₁₂ H ₁₂ during the Dehydrogenation Process of the LiBH ₄ -MgH ₂ System, JOURNAL OF PHYSICAL CHEMISTRY C, 115 (39), 19419-19423. DOI: 10.1021/jp205450c
4	Edalati, K., Lee, S. and Horita, Z. (2012) Continuous high-pressure torsion using wires, JOURNAL OF MATERIALS SCIENCE, 47 (1), 473-478. DOI: 10.1007/s10853-011-5822-z
3	Iwaoka, H., Fujioka, T., Harai, Y. and Horita, Z. (2011) Development of intense plastic strain and ultrafine grains in thicker samples processed by high-pressure torsion and high-pressure sliding, Journal of the Japan Institute of Metals, 75 (7), 412-418. DOI: N/A
2	Edalati, K., Miresmaeili, R., Horita, Z., Kanayama, H. and Pippan, R. (2011) Significance of temperature increase in processing by high-pressure torsion, MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING, 528 (24), 7301-7305. DOI: 10.1016/j.msea.2011.06.031
1	Edalati, K., Yamamoto, A., Horita, Z. and Ishihara, T. (2011) High-pressure torsion of pure magnesium: Evolution of mechanical properties, microstructures and hydrogen storage capacity with equivalent strain, SCRIPTA MATERIALIA, 64 (9), 880-883. DOI:

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