

Author Index Volume 7 (2011–2012)

The issue number is given in front of the page numbers.

- Amiri, M., New study of fatigue crack growth in pipes having a circumferential semi-elliptical crack prone to bending (4) 341–352
- Borla, O., see Carpinteri, A. (1) 13– 31
- Carpinteri, A., G. Lacidogna, A. Manuello and O. Borla, Energy emissions from brittle fracture: Neutron measurements and geological evidences of piezonuclear reactions (1) 13– 31
- Demenko, V., see Linetskiy, I. (3) 253–272
- Enoki, M., *In situ* damage monitoring during surface treatment of materials (1) 53– 60
- Enoki, M., see Ito, K. (2) 177–183
- Enoki, M., see Ono, S. (2) 195–203
- Enoki, M., see Shiraiwa, T. (2) 205–214
- Enoki, M., see Shiwa, M. (1) 71– 78
- Feng, J.-C., see Pan, S.-D. (3) 285–308
- Fujii, T., K. Tohgo, Y. Wang, J. Shibata, Y. Shimamura, N. Katayama and Y. Ito, Fatigue strength of a paper-based friction material under shear–compressive loading (2) 185–193
- Fujiyama, K., H. Kimachi, Y. Watanabe, K. Hijikuro and T. Tsuboi, The concept of “EBSD strain analysis” and its application to creep and creep-fatigue damage assessment of ferritic and austenitic heat resistant steels (2) 123–135
- Hayakawa, M., see Kimura, M. (4) 375–386
- Hijikuro, K., see Fujiyama, K. (2) 123–135
- Ioka, S., see Kubo, S. (1) 43– 51
- Ishigaki, R., see Takasawa, K. (1) 87– 98
- Ito, K., M. Watanabe, S. Kuroda and M. Enoki, Evaluation of cracking due to dynamic temperature fluctuation during plasma spraying process by laser AE method (2) 177–183
- Ito, K., see Shiwa, M. (1) 71– 78
- Ito, Y., see Fujii, T. (2) 185–193
- Kadohira, T., see Kishi, T. (1) 5– 12
- Kagiya, Y., see Kobayashi, D. (2) 157–167
- Katayama, N., see Fujii, T. (2) 185–193
- Kayano, R., see Takasawa, K. (1) 87– 98

- Kim, T., Y. Watanabe, S. Zhang and M. Sakane, Multiaxial low cycle fatigue life of Mod.9Cr-1Mo steel circumferential notched specimen under nonproportional loading (2) 147–155
- Kimachi, H., see Fujiyama, K. (2) 123–135
- Kimachi, H., see Ueno, H. (1) 99–108
- Kimura, M. and M. Hayakawa, Characterization of high temperature long-term fatigue properties for advanced ferritic heat-resisting steels (4) 375–386
- Kishi, T., M. Takemura and T. Kadohira, Nanotechnology and green innovation in Japan (1) 5– 12
- Kobayashi, D., M. Miyabe, Y. Kagiya, Y. Nagumo, R. Sugiura, T. Matsuzaki and A.T. Yokobori Jr., Creep damage evaluation of IN738LC based on the EBSD method by using a notched specimen (2) 157–167
- Kobayashi, K., see Tabuchi, M. (2) 137–146
- Kobayashi, K., see Yokobori Jr., A.T. (3) 315–320
- Konosu, S., Plastic interaction factors on failure assessment diagram (3) 309–314
- Kubo, S., T. Sakagami, S. Ioka and T. Maeda, Multi-electrodes active and passive electric potential CT methods for crack identification using a smart layer (1) 43– 51
- Kuroda, S., see Ito, K. (2) 177–183
- Lacidogna, G., see Carpinteri, A. (1) 13– 31
- Linetskiy, I., V. Demenko, K. Nesvit, A. Shevchenko and I. Tretjak, Evaluation of stresses in hard dental tissues in tooth wear using finite element analysis: A methodological study (3) 253–272
- Maeda, T., see Kubo, S. (1) 43– 51
- Manuello, A., see Carpinteri, A. (1) 13– 31
- Maruschak, O.V., see Maruschak, P.O. (4) 333–339
- Maruschak, P.O., I.M. Zakiev, A.P. Sorochak and O.V. Maruschak, Optical-digital diagnostics of localisation of deformation processes in a steel nanocoated specimen (4) 333–339
- Masuda, H., see Shiwa, M. (1) 71– 78
- Matsuzaki, T., see Kobayashi, D. (2) 157–167
- Matsuzaki, T., see Sugiura, R. (4) 321–332
- Mishra, C., see Pradhan, P. (3) 273–283
- Miyabe, M., see Kobayashi, D. (2) 157–167
- Mladensky, A., see Rizov, V. (4) 353–373
- Murakawa, T., see Yokobori Jr., A.T. (2) 215–233
- Nagumo, Y., see Kobayashi, D. (2) 157–167
- Nagumo, Y., see Sugiura, R. (4) 321–332
- Nakamura, M., see Ono, S. (2) 195–203
- Nemoto, T., see Yokobori Jr., A.T. (2) 215–233
- Nesvit, K., see Linetskiy, I. (3) 253–272
- Nikbin, K., see Yokobori Jr., A.T. (3) 315–320
- Nishikawa, M., see Takakuwa, O. (1) 79– 85
- Ohmi, T., see Sugiura, R. (4) 321–332
- Ohmi, T., see Takakuwa, O. (1) 79– 85
- Ohmi, T., see Yokobori Jr., A.T. (2) 215–233
- Ohnishi, S., see Ono, S. (2) 195–203
- Ono, S., M. Enoki, L. Shen, K. Sakurai, S. Ohnishi and M. Nakamura, Fatigue behavior and coating failure of polymer coated drug eluting stent (2) 195–203

- Pan, S.-D. and J.-C. Feng, Basic solutions of two parallel limited-permeable mode-I cracks in piezoelectric/piezomagnetic composite materials (3) 285–308
- Pradhan, P., J. Rana and C. Mishra, Effect of hardening on fatigue life of C-40 steel (3) 273–283
- Rana, J., see Pradhan, P. (3) 273–283
- Ri, S., T. Sugano, M. Saka, M. Yamashita and F. Togoh, Thermal fatigue of high-purity aluminum thin films under thermal cycle testing (1) 61– 70
- Rizov, V. and A. Mladensky, Non-linear Mode II interlaminar fracture analysis of composite beams subjected to tension (4) 353–373
- Saka, M., see Ri, S. (1) 61– 70
- Sakagami, T., see Kubo, S. (1) 43– 51
- Sakane, M., see Kim, T. (2) 147–155
- Sakurai, K., see Ono, S. (2) 195–203
- Saxena, A., see Taplin, D.M.R. (2) 109–121
- Shen, L., see Ono, S. (2) 195–203
- Shevchenko, A., see Linetskiy, I. (3) 253–272
- Shibata, J., see Fujii, T. (2) 185–193
- Shimamura, Y., see Fujii, T. (2) 185–193
- Shiraiwa, T. and M. Enoki, Fatigue crack behavior of thin copper sheet and its application for smart stress-memory patch (2) 205–214
- Shiwa, M., H. Masuda, H. Yamawaki, K. Ito and M. Enoki, Acoustic emission monitoring of micro cell corrosion testing in type 304 stainless steels (1) 71– 78
- Sorochak, A.P., see Maruschak, P.O. (4) 333–339
- Soyama, H., see Takakuwa, O. (1) 79– 85
- Sugano, T., see Ri, S. (1) 61– 70
- Sugiura, R., A.T. Yokobori Jr., T. Ohmi, Y. Nagumo, T. Matsuzaki and V.A. Yardley, Scale effect of material structure on the similarity of subcritical crack growth under sustained loading (4) 321–332
- Sugiura, R., see Kobayashi, D. (2) 157–167
- Sugiura, R., see Tabuchi, M. (2) 137–146
- Sugiura, R., see Yokobori Jr., A.T. (3) 315–320
- Sugiura, R., see Yokobori Jr., A.T. (2) 215–233
- Tabuchi, M., A.T. Yokobori Jr., R. Sugiura, M. Yatomi and K. Kobayashi, Evaluation of creep crack growth properties of Gr. 92 steel weldment (2) 137–146
- Tabuchi, M., see Yokobori Jr., A.T. (3) 315–320
- Takakuwa, O., T. Ohmi, M. Nishikawa, A.T. Yokobori Jr. and H. Soyama, Suppression of fatigue crack propagation with hydrogen embrittlement in stainless steel by cavitation peening (1) 79– 85
- Takasawa, K., Y. Wada, R. Ishigaki and R. Kayano, Effects of grain size on hydrogen environment embrittlement of high strength low alloy steel in 45 MPa gaseous hydrogen (1) 87– 98
- Takemura, M., see Kishi, T. (1) 5– 12
- Tanaka, K., see Ueno, H. (1) 99–108
- Tang, C.Y., C.P. Tsui, L. Wei and Z.W. Wang, Damage analysis on a graded porous biocomposite structure under flexural load using FEM (3) 241–252
- Taplin, D.M.R. and A. Saxena, ICF: The World Academy of Structural Integrity – retrospective and prospective (2) 109–121
- Togoh, F., see Ri, S. (1) 61– 70
- Tohgo, K., see Fujii, T. (2) 185–193

- Tohmyoh, H., On melting phenomenon at nanocontacts of thin metallic wires in comparison with fracture mechanics (2) 169–175
- Tretjak, I., see Linetskiy, I. (3) 253–272
- Tsuboi, T., see Fujiyama, K. (2) 123–135
- Tsui, C.P., see Tang, C.Y. (3) 241–252
- Ueno, H., K. Tanaka and H. Kimachi, Changes of internal stress and microstructure in spontaneous tin whisker growth (1) 99–108
- Uesugi, T., see Yokobori Jr., A.T. (2) 215–233
- Wada, Y., see Takasawa, K. (1) 87– 98
- Wang, Y., see Fujii, T. (2) 185–193
- Wang, Z.W., see Tang, C.Y. (3) 241–252
- Watanabe, M., see Ito, K. (2) 177–183
- Watanabe, Y., see Fujiyama, K. (2) 123–135
- Watanabe, Y., see Kim, T. (2) 147–155
- Wei, L., see Tang, C.Y. (3) 241–252
- Yamashita, M., see Ri, S. (1) 61– 70
- Yamawaki, H., see Shiwa, M. (1) 71– 78
- Yardley, V.A., see Sugiura, R. (4) 321–332
- Yatomi, M., see Tabuchi, M. (2) 137–146
- Yatomi, M., see Yokobori Jr., A.T. (3) 315–320
- Yokobori, T., Fracture and strength – from physics to holistic (1) 1– 4
- Yokobori Jr., A.T., T. Ohmi, T. Murakawa, T. Nemoto, T. Uesugi and R. Sugiura, The application of the analysis of potential driven particle diffusion to the strength of materials (2) 215–233
- Yokobori Jr., A.T., R. Sugiura, M. Tabuchi, M. Yatomi, K. Kobayashi and K. Nikbin, Review Article: Short report for standardization: Definition and estimation method of incubation time of creep crack growth for high Cr steels and their weldments (creep crack initiation) (3) 315–320
- Yokobori Jr., A.T., see Kobayashi, D. (2) 157–167
- Yokobori Jr., A.T., see Tabuchi, M. (2) 137–146
- Yokobori Jr., A.T., see Takakuwa, O. (1) 79– 85
- Yokobori Jr., A.T., see Sugiura, R. (4) 321–332
- Yu, L., see Yu, S. (1) 33– 41
- Yu, S., L. Yu and L. Zhang, The electric fatigue and thermal effect for ferroelectric materials under cyclic electric loading (1) 33– 41
- Zakiev, I.M., see Maruschak, P.O. (4) 333–339
- Zhang, L., see Yu, S. (1) 33– 41
- Zhang, S., see Kim, T. (2) 147–155