

ANNOUNCEMENT

Mokuzai Gakkaishi (Journal of the Japan Wood Research Society)

Mokuzai Gakkaishi is another official journal of the Japan Wood Research Society. This journal publishes original articles, notes, review articles, and announcements from the Society in Japanese but with English abstracts, tables, and figure captions for original reports. Contents of the latest issue of *Mokuzai Gakkaishi* are as follows:

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T. Itoh

Wood and cultural properties

T. Nishimura, M. Yanagida, N. Ando

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Original articles

H. Guan, Y. Nishino, C. Tanaka

Longitudinal natural frequency of a wood bar with a free water gradient in the length direction

N. Sekino, A. Suematsu, Y. Fujimoto, Y. Kitani, Q. Wang

Effect of manufacturing parameters on the linear expansion of densified wood composite panels I: Effect of element size and press temperature

Y. Kobayashi, Y. Kawai, I. Miura

Hybrid drying with HF and hot air under atmospheric pressure I: Condition of pressure and moisture in *Cryptomeria japonica* square lumber

T. Seino, A. Yoshioka, M. Fujiwara, K-L. Chen, T. Erata, M. Tabata, M. Takai

Electron spin resonance studies on paramagnetic species produced by milling of woods. Detection of phenoxy radicals and Mn²⁺ ions

T. Higashihara, T. Morooka, M. Norimoto

Permanent fixation of transversely compressed wood by steaming and its mechanism

S. Honma, Y. Sano, M. Kubota, K. Umehara, K. Komazawa

Chemical structure and ammonia adsorption ability of todomatsu (*Abies sachalinensis*) wood carbonized in nitrogen and air atmospheres

M. Inoue, T. Hamaguchi, T. Morooka,

T. Higashihara, M. Norimoto, T. Tsunoda

Fixation of compressive deformation of wood by wet heating under atmospheric pressure

M. Mori, Y. Saito, S. Shida, T. Arima

Adsorption properties of charcoals from wood-based materials

Y. Sawada, H. Matsumoto, Y. Fujii, S. Okumura
Pattern recognition of the grinding sound of bandsaw teeth and its application to the diagnosis of the grinding process

Notes

R. Huang, I. Furukawa

Correlation between climatic factors and radial growth of *Populus spp.* planted in a semiarid region in China

W. Cheng, H. Yokochi, S. Kumura, K. Mano

Dynamic characteristics of circular saws in the region of the critical rotation speed

H. Matsunaga, J. Matsumura, A. Noguchi, K. Oda

Distribution of inorganic elements in wood impregnated with preservative solutions I: Visualization of inorganic element distribution in wood by SEM-EDXA

S. Naito, Y. Fujii, Y. Sawada, S. Okumura

Thermographic measurement of slope of grain by using thermal anisotropy of wood