


Journal of the Indian Academy of Wood Science

Official Publication
of the Indian Academy of
Wood Science

For Circulation in India only



 Springer

Journal of the Indian Academy of Wood Science

Volume 14 · Number 1 · June 2017

ORIGINAL ARTICLES

The physical, mechanical and durability properties of sorghum bagasse particleboard by layering surface treatment

A.H. Iswanto · W. Antonang · I. Azhar · Supriyanto · W. Fatrisari 1

Morphological and chemo-thermal changes of oven-heat treated oil palm empty fruit bunch fibers during dry disk milling

A. Solikhin · Y.S. Hadi · M.Y. Massijaya · S. Nikmatin 9

Non-destructive estimation of modulus of elasticity of wood polymer composite

A. Kale · S. Chauhan 18

Densified wood anatomical structure and the effect of heat treatment on the recovery of set

A. Darwis · I. Wahyudi · W. Dwianto · T.D. Cahyono 24

Modifying bioproduct technology of Medium Density Fibreboard from the seaweed waste *Kappaphycus alvarezii* and *Gracilaria verrucosa*

M.A. Alamsjah · L. Sulmartiwi · K.T. Pursetyo · M.N.G. Amin · K.A.K. Wardani · M.D. Arifianto 32

Preliminary study on properties evaluation of cement added gypsum board reinforced with kenaf (*Hibiscus cannabinus*) bast fibres

Z. Ahmad · W.C. Lum · S.H. Lee · R. Rameli 46

Glue-line durability of organo-chemical/urea formaldehyde resin joints of *Ceiba pentandra* (L.) Gaertn. plywood

C. Antwi-Boasiako · J.K. Appiah 49

***Milicia excelsa* (Welw.) C. C. Berg sawdust as glue-extender in urea formaldehyde-adhesive in enhancing *Ceiba pentandra* (L.) Gaertn. veneer joint bonding strength**

C. Antwi-Boasiako · S. Abam 60

Physical and mechanical properties of reinforced ply wood with natural fibers

B. Moezzi-pour · M. Ahmadi · A. Moezzi-pour 70

Properties of laminated bamboo produced with the involvement of supercritical carbon dioxide treatment

Z. Uslinawaty · M. Muin · B. Putranto · S. Suhasman 74

Variation in anatomical and physical properties of some *Schizostachyum* species of Manipur, India

M. Sharma · C.L. Sharma · D. Laishram 79


Determination of growth stresses indicator, moisture profiles and basic density of clonal eucalyptus wood

M. Amer · B. Kabouchi · M. Rahouti · A. Famiri · A. Fidah 91

Further articles can be found at link.springer.com

Indexed/abstracted in SCOPUS, Google Scholar, OCLC, SCImago, Summon by Serial Solutions

Instructions for Authors for *J Indian Acad Wood Sci* are available at <http://www.springer.com/13196>

 Springer