

High-speed manufacturing of antimicrobial paper

Brobbey, K. J., Haapanen, J., Gunell, M., Mäkelä, J. M., Eerola, E., Saarinen, J. J. & Toivakka, M., 2018, *Paper Conference and Trade Show, PaperCon 2018*. TAPPI Press, p. 564-566 3 p.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Fermentative metabolism of an anaerobic, thermophilic consortium on plant polymers and commercial paper samples

Carver, S. M., Nelson, M. C., Yu, Z. & Tuovinen, O. H., 1 Apr 2015, In : *Biomass & Bioenergy*. 75, p. 11-22 12 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Finite element analysis of trees in the wind based on terrestrial laser scanning data

Jackson, T., Shenkin, A., Wellpott, A., Calders, K., Origo, N., Disney, M., Burt, A., Raunonen, P., Gardiner, B., Herold, M., Fourcaud, T. & Malhi, Y., 15 Feb 2019, In : *Agricultural and Forest Meteorology*. 265, p. 137-144 8 p.

Research output: Contribution to journal > Article > Scientific > peer-review

How management intensity and neighborhood composition affect the structure of beech (*Fagus sylvatica* L.) trees

Juchheim, J., Annighöfer, P., Ammer, C., Calders, K., Raunonen, P. & Seidel, D., 14 Jul 2017, In : *TREES-STRUCTURE AND FUNCTION*. 31, 5, p. 1723-1735 13 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Applicability of portable tools in assessing the bearing capacity of forest roads

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Research output: Contribution to journal > Article > Scientific > peer-review

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Research output: Contribution to journal > Article > Scientific > peer-review

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Research output: Contribution to journal > Article > Scientific > peer-review

Planning land use for biogas energy crop production: The potential of cutaway peat production lands

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Research output: Contribution to journal > Article > Scientific > peer-review

Landowners' willingness to promote bioenergy production on wasteland – future impact on land use of cutaway peatlands

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Research output: Contribution to journal > Article > Scientific > peer-review

Exposure to biological and chemical agents at biomass power plants

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Research output: Contribution to journal > Article > Scientific > peer-review

Quantifying branch architecture of tropical trees using terrestrial LiDAR and 3D modelling

Lau, A., Bentley, L. P., Martius, C., Shenkin, A., Bartholomeus, H., Raunonen, P., Malhi, Y., Jackson, T. & Herold, M., Oct 2018, In : *Trees - Structure and Function*. 32, 5, p. 1219-1231 13 p.

Research output: Contribution to journal > Article > Scientific > peer-review

Tree biomass equations from terrestrial LiDAR: A case study in Guyana

Lau, A., Calders, K., Bartholomeus, H., Martius, C., Raunonen, P., Herold, M., Vicari, M., Sukhdeo, H., Singh, J. & Goodman, R. C., 1 Jun 2019, In : *Forests*. 10, 6, 527.

Research output: Contribution to journal > Article > Scientific > peer-review

Screening boreal energy crops and crop residues for methane biofuel production

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Research output: Contribution to journal > Article > Scientific > peer-review

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Research output: Contribution to journal > Article > Scientific > peer-review

The role of base substrate on barrier and convertability properties of Water based barrier coated (WBBC) paper and paperboard

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Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

The economics of renewable CaC₂ and C₂H₂ production from biomass and CaO

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Research output: Contribution to journal > Article > Scientific > peer-review

One-stage H₂ and CH₄ and two-stage H₂ + CH₄ production from grass silage and from solid and liquid fractions of NaOH pre-treated grass silage

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Research output: Contribution to journal > Article > Scientific > peer-review

Data-based stochastic modeling of tree growth and structure formation

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Research output: Contribution to journal > Article > Scientific > peer-review

Influence of nutrient deprivations on lipid accumulation in a dominant indigenous microalga *Chlorella* sp., BUM11008: Evaluation for biodiesel production

Praveenkumar, R., Shameera, K., Mahalakshmi, G., Akbarsha, M. A. & Thajuddin, N., Feb 2012, In : Biomass & Bioenergy. 37, p. 60-66 7 p.

Research output: Contribution to journal > Article > Scientific > peer-review

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Research output: Contribution to journal > Article > Scientific > peer-review

Online quality evaluation of tissue paper structure on new generation tissue machines

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Research output: Contribution to journal > Article > Scientific > peer-review

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Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Methane production from maize in Finland - Screening for different maize varieties and plant parts

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Research output: Contribution to journal > Article > Scientific > peer-review

Controlled wettability of paperboard by nanoparticles using liquid flame spray process

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Sustainability of bioenergy in finland and globally – fact check

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Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review