

Subyakto Subyakto

List of Publications by Year in descending order

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19
papers

246
citations

1307594

7
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

261
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Agricultural Waste Fibers Towards Sustainability and Advanced Utilization: A Review. Asian Journal of Plant Sciences, 2015, 15, 42-55. | 0.4 | 101 |
| 2 | Bacteria as Self-Healing Agent in Mortar Cracks. Journal of Engineering and Technological Sciences, 2015, 47, 279-295. | 0.6 | 24 |
| 3 | Improving fire retardancy of fast growing wood by coating with fire retardant and surface densification. Fire and Materials, 1998, 22, 207-212. | 2.0 | 16 |
| 4 | High-performance binderless particleboard from the inner part of oil palm trunk by addition of ammonium dihydrogen phosphate. Industrial Crops and Products, 2019, 141, 111761. | 5.2 | 16 |
| 5 | Improvement of fire retardancy of plywood by incorporating boron or phosphate compounds in the glue. Journal of Wood Science, 1998, 44, 131-136. | 1.9 | 15 |
| 6 | Char properties and pollutant adsorption capability of oil palm shell using hydrothermal process. Biomass Conversion and Biorefinery, 2019, 9, 681-688. | 4.6 | 12 |
| 7 | Modification of novel bio-based adhesive made from citric acid and sucrose by ZnCl ₂ . International Journal of Adhesion and Adhesives, 2021, 108, 102866. | 2.9 | 10 |
| 8 | Evaluation of fire-retardant properties of edge-jointed lumber from tropical fast-growing woods using cone calorimetry and a standard fire test. Journal of Wood Science, 2003, 49, 241-247. | 1.9 | 8 |
| 9 | Effect of pre-drying time and citric acid content on <i>Imperata cylindrica</i> particleboards properties. IOP Conference Series: Earth and Environmental Science, 0, 209, 012034. | 0.3 | 8 |
| 10 | Effect of cold-water treatment and hydrothermal carbonization of oil-palm-trunk fibers on compatibility with cement for the preparation of cement-bonded particleboard. Wood Material Science and Engineering, 2022, 17, 979-988. | 2.3 | 8 |
| 11 | Anisotropic thermal properties of molded carbon phenolic spheres. Journal of Wood Science, 2000, 46, 16-21. | 1.9 | 6 |
| 12 | Review on Bamboo Utilization as Biocomposites, Pulp and Bioenergy. IOP Conference Series: Earth and Environmental Science, 2018, 141, 012039. | 0.3 | 5 |
| 13 | Effect of Carbon Fiber Loading in Mechanical Properties and Electrical Conductivity of Polyvinyl Alcohol Based Composites. Macromolecular Symposia, 2015, 353, 102-107. | 0.7 | 4 |
| 14 | Development of Moulding using Sweet Sorghum Bagasse and Citric Acid: Effects of Application Method and Citric Acid Content. Forest Products Journal, 2020, 70, 151-157. | 0.4 | 4 |
| 15 | Enhancement of the Mechanical, Self-Healing and Pollutant Adsorption Properties of Mortar Reinforced with Empty Fruit Bunches and Shell Chars of Oil Palm. Polymers, 2022, 14, 410. | 4.5 | 4 |
| 16 | Utilization of Micro Sisal Fibers as Reinforcement Agent and Polypropylene or Polylactic Acid as Polymer Matrices in Biocomposites Manufacture. Indonesian Journal of Forestry Research, 2013, 10, 11-20. | 0.3 | 3 |
| 17 | Fire protection of a laminated veneer lumber joint by wood carbon phenolic spheres sheeting. Journal of Wood Science, 2004, 50, 157. | 1.9 | 1 |
| 18 | Physical and mechanical properties of urea formaldehyde and phenol formaldehyde-bonded particleboards made from corn stalk. IOP Conference Series: Earth and Environmental Science, 2019, 374, 012050. | 0.3 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Characteristics optimization of empty fruit bunches chars using central composite design. Biomass Conversion and Biorefinery, 2024, 14, 6299-6310. | 4.6 | 0 |