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- Ph.D. Minor, Computer Science

Publications

PUBLICATIONS

- **Solvent selection enables sustainable and affordable lignin biocomposite for cement-free construction** *CLEANER MATERIALS*
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- **AI-powered non-destructive testing for smart manufacturing of carbon-negative biopolymer-bound soil composite.** *Communications engineering*
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- **Recycling of lignin-based biocomposites: Improving sustainability and enhancing material strength** *RESOURCES CONSERVATION AND RECYCLING*
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- **Taking advantage of biological binders to solidify granular material: manufacture and recyclability of lignin-based biopolymer composites**
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- **Development of biopolymer composites using lignin: A sustainable technology for fostering a green transition in the construction sector** *CLEANER MATERIALS*
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- **Life cycle assessment and design of LignoBlock: A lignin bound block on the path towards a green transition of the construction industry** *JOURNAL OF CLEANER PRODUCTION*
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- **BioSys: Efficient Quality Control System for Manufacturing of Sustainable Biopolymer Composites**
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- **Poster Abstract: Integration of Physics-Based Building Model and Sensor Data to Develop an Adaptive Digital Twin**
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