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Microstructure, Residual Stresses, and Wear Behavior of SS316L and H13 Parts Manufactured by Laser Powder Bed Fusion Process

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Sustainable Brick Production Using Ceramic Waste and Coconut Fibers: Performance Prediction Using Machine Learning

Govardhan Naik, B., Nakkeeran, G., Roy, D., Kiran, G.U., Prasath Kumar, V.R.

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Utilization of Cassava Peel Ash as a Partial Replacement of Precursor Material for the GGBS Based Geopolymer Concrete

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Advances in friction stir welding of titanium alloys: a comprehensive review

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Optimization of eco-efficient mix designs using nano enhanced binders for enhanced mechanical and durability performance

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Nonlinear thermal radiative unsteady stagnation point flow of engine oil-based nanofluid with carbon nanotubes

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Intelligent Machine Learning Strategies for Minimizing Machining Power in Minimum Quantity Lubrication Machining of Ti6Al4V Alloy

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Enhancing Concrete Sustainability: Synergistic Effects of Individual and Dual Treatments on Recycled Coarse Aggregate from Construction and Demolition Waste

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An overview of recent trends and future prospects of sustainable natural fiber-reinforced polymeric composites for tribological applications

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