



Volume 59, Issue 2
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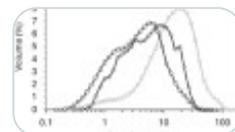
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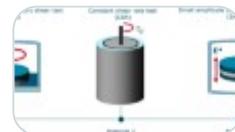
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Analysis of asphalt and asphalt-aggregate interface eroded by salt ions: MD simulation and composition investigation



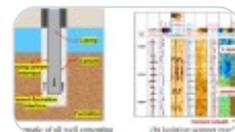
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Characterization of temperature influence on the structural build-up of 3D printed concrete



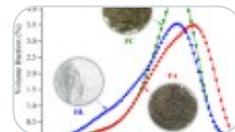
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Mechanisms of silica flour dosage and temperature on microstructure and mechanical properties of casing-cement and cement-formation interfaces



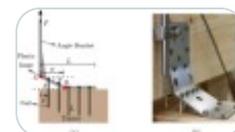
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Coupled effect of applied energy and curing duration on characteristics of microwave-cured concrete containing high-volume coal thermal ashes



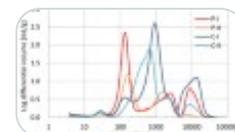
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Effective number of nails in withdrawal for timber angle brackets: a closed-form model for reliability-based design



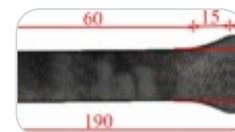
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Water absorption characteristics of wood: errors and improvements in water absorption testing



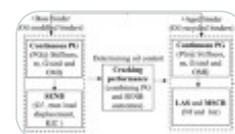
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Study on the axial compressive behavior of damaged concrete columns repaired with shape memory alloys



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Application of green softening oil in RAP recycling with variable aged binders: oil effect, oil content determination and performance evaluation



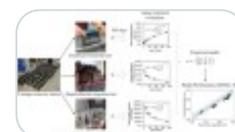
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The non-destructive evaluation of the salt crystals content in building materials: ultrasonic technique plus differential scanning calorimetry



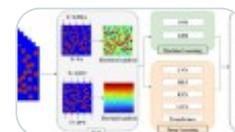
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On the aging exponent of concrete: a parametric study and prediction model



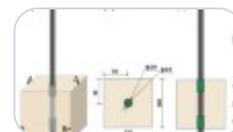
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Prediction of electrical and thermal properties of cement-based composites driven by microscopic structural data



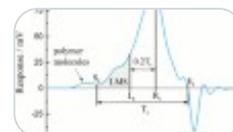
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Bond-slip model of underwater RC structures based on ultrasonic corrosion testing



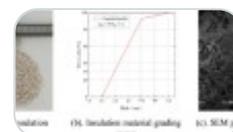
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Multi-scale characterization of styrene–butadiene–styrene modified bitumen during thermal aging



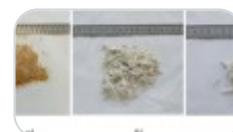
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Experimental research on the bonding performance of FRP bars and high-strength thermal insulation mortar



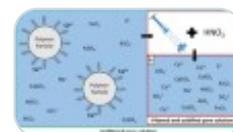
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Modelling the yield stress of cement pastes and mortars containing heterogeneous and unconventional aggregates like raw crushed wind turbine blade



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How polymer particles delay the OPC hydration: evaluating the impact of adsorption and complexation



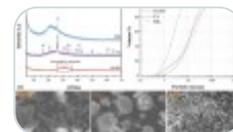
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Experimental study of hardened properties of 3D-printed concrete under compression, tension and shear considering interlayer influence



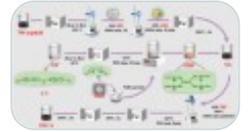
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A comparative study of seawater–sea sand cement-based materials incorporating several typical supplementary cementitious materials: strength, hydration, microstructure, and chloride binding



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Rheological evaluation and oxidative mechanism of aged epoxy/styrene–butadiene–styrene composite modified asphalt for crack repairing



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