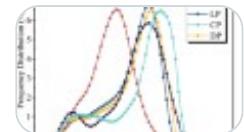
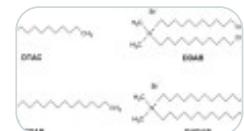


## **Effect of carbonate dissolution kinetics on hydration and mechanical properties of ternary blends containing metakaolin**



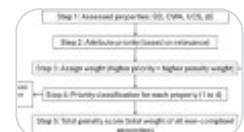
Original Article | 12 December 2025 | Article: 13

## **Quaternary ammonium compounds as modifiers of the rheological properties of metakaolin geopolymers**



Original Article | Open access | 11 December 2025 | Article: 12

## **A penalty-based evaluation framework for assessing the post-fire functional suitability of carbonate architectural stones**



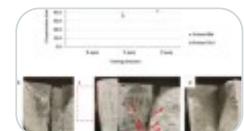
Original Article | 10 December 2025 | Article: 11

## **An improved wheel tracking test for assessing rutting resistance of PCMs-modified asphalt mixtures across phase transition process**



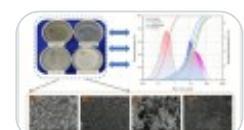
Original Article | 10 December 2025 | Article: 10

## **Correction: Influence of alternative supplementary cementitious materials (SCMs) and printing parameters on the mechanical properties of 3D-printed mortars**



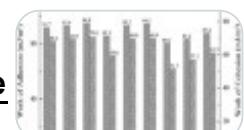
Correction | 08 December 2025 | Article: 9

## **Study on performance and mix proportion optimization of silica fume-slag powder-fly ash ternary mineral admixture system for sea sand reactive powder concrete**



Original Article | 08 December 2025 | Article: 8

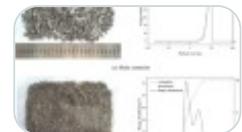
## **Development and performance evaluation of a composite-modified cold patch asphalt mortar and mixture for sustainable pavement maintenance**



Original Article | 07 December 2025 | Article: 7

---

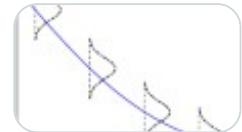
**Research on the creep characteristics and predictive modeling of all-light shale ceramsite concrete**



Original Article | 05 December 2025 | Article: 6

---

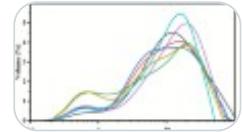
**Bayesian stochastic model for prediction of chloride content profile in concrete under marine environment**



Original Article | 05 December 2025 | Article: 5

---

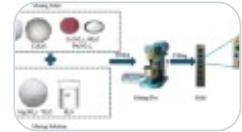
**CO<sub>2</sub> uptake in fillers and supplementary cementitious materials**



Original Article | Open access | 05 December 2025 | Article: 4

---

**Mechanisms of Cr<sup>3+</sup> and Pb<sup>2+</sup> stabilization in basic magnesium sulfate cement: with insights into the role of slag**



Original Article | 04 December 2025 | Article: 3

---

**True triaxial strain characteristics of asphalt mixture under different stress loading paths**



Original Article | 03 December 2025 | Article: 2

---

**Effects of red ceramic waste on the thermomechanical properties of concrete and its life cycle assessment**



Original Article | 02 December 2025 | Article: 1

---