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Design of Nanomodified Intumescent Polymer Matrix Coatings: Theory, Modeling, Experiments;

Water absorption by multifunctional protective epoxy composites;

Towards high-performance materials for road construction;

Multiscale material design in construction;

Nanoscale modifier as an adhesive for hollow microspheres to increase the strength of high-strength lightweight concrete;

Flammability of the disperse-filled polymer composites;

Plasticized Polymer Matrix Composites for Fire-safe Construction;

Nanomodified bitumen composites: Solvation shells and rheology;

Modeling the Rutting Kinetics of the Sulfur-extended Asphalt;

Polymer composites with ferrocene derivatives for fire-safe construction;

Model research of bitumen composition with nanoscale structural units;

Structure formation of sulfur-based composite: The model;

Modeling of the sulfur-bituminous concrete mix compaction;

Plasma processing in industry of building materials.