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SYNTHETIC SILICA AND SILICATES""; ""3.1. Silica Precipitation""; ""3.2. Silica Precipitation with Metal Salts""; ""4. APPLICATIONS OF SYNTHETIC SILICATES""; ""Pigments""
""Corrosion Protection by Silicate Coating:""""""Medical Uses""; ""CONCLUSION""; ""REFERENCES""; ""DEVELOPMENT OF POSSIBLE STATIONARY STATES IDENTIFICATION METHOD IN INDUSTRIAL REACTIVE DISTILLATION PROCESSES""; ""ABSTRACT""; ""NOTATION""; ""INTRODUCTION""; ""EXPERIMENTAL""; ""RESULTS""; ""CONCLUSIONS""; ""ACKNOWLEDGMENT""; ""REFERENCES""; ""THE NEW TYPE OF NON-EQUILIBRIUM PHASE TRANSITION IN DIFFERING NATURE SYSTEMS WITH LOW-COUPLED MAGNETIC MOMENTS""; ""ABSTRACT""; ""REFERENCES""; ""EFFECT OF UV IRRADIATION ON ERYTHROCYTES IN THE PRESENCE OF ANTIOXIDANTS-CONTAINING SILICA""; ""INTRODUCTION""
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""2.8. GroEL-Assisted Reactivation of GAPDH""""2.9. SDS PAGE""; ""2.10. Protein Thermo aggregation Kinetics""; ""2.11. Differential Scanning Calorimetry (DSC)""; ""2.12. Dynamic Light Scattering Analysis (DLS)""; ""3. RESULTS AND DISCUSSION""; ""CONCLUSIONS""; ""ACKNOWLEDGMENT""; ""REFERENCES""; ""OPTIMIZATION OF DICHLOROACETIC ACIDS HYDROGENATION REACTOR""; ""ABSTRACT""; ""INTRODUCTION""; ""EXPERIMENTAL""; ""RESULTS""; ""CONCLUSIONS""; ""REFERENCES""; ""RUBBER-TIRE PARTICLES AS CONCRETEAGGREGATE""; ""ABSTRACT""; ""INTRODUCTION""; ""MATERIALS PROPERTIES""; ""MIXTURE DESIGN""
""TESTING METHODS""

Sommario/riassunto

Reviews and original works devoted to different aspects of polymerization (kinetics and mechanism), to preparation of nanocomposites on the basis of clays, to studying of their properties and searches of ways of their applications, oxidizing processes, the new equipments for industrial applications, investigation of protein reactions, creation of new type of reactions, bioantioxidants, UV irradiation of biological molecules (erythrocytes, particularly), NMR- and ESR-spectroscopy, nonequilibrium phase transitions, chemistry of plastics and rubbers, photochemical reactions, preparation and characterization of catalysts, industrial installations, cement-based polymer composites, utilization of waste, diffusion properties, biodegradable films.