

1. Record Nr.	UNINA9910827131503321
Titolo	Kinetics and thermodynamics for chemistry and biochemistry : a festschrift [sic] in honor of the 75th birthday of Professor Gennady E. Zaikov // Eli M. Pearce, G.E. Zaikov and Gerald Kirshenbaum, editors
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2009
ISBN	1-61470-183-0
Edizione	[1st ed.]
Descrizione fisica	1 online resource (480 p.)
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Disciplina	541/.394
Soggetti	Copolymers Chemical kinetics Thermochemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	The second volume of works of Prof. Gennady Efremovich Zaikov and his colleagues; first volume published as: Progress in chemistry and biochemistry : kinetics, thermodynamics, synthesis, properties and applications. c2009.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""KINETICS AND THERMODYNAMICS FOR CHEMISTRY AND BIOCHEMISTRY -VOL.2 (A FESTSCHRIFT IN HONOR OF THE 75TH BIRTHDAY OF PROFESSOR GENNADY E. ZAIKOV)""; ""KINETICS AND THERMODYNAMICS FOR CHEMISTRY AND BIOCHEMISTRY -VOL.2 (A FESTSCHRIFT IN HONOR OF THE 75TH BIRTHDAY OF PROFESSOR GENNADY E. ZAIKOV)""; ""CONTENTS""; ""PREFACE""; ""Chapter 1""; ""REGULARITIES OF PHOTO INITIATED COPOLYMERIZATION OF (METH) ACRYLATES TILL HIGH CONVERSIONS. KINETIC MODEL OF THE PROCESS AT LINEAR CHAIN TERMINATION""; ""ABSTRACT""; ""1. INTRODUCTION"" ""2. KINETIC REGULARITIES OF PHOTO INITIATED COPOLYMERIZATION OF MONO- AND DI(METH)ACRYLATE STILL HIGH CONVERSIONS""""3. KINETIC EQUATION OF COPOLYMERIZATION AT LINEAR CHAIN TERMINATION DERIVATION""; ""CONCLUSIONS""; ""REFERENCES""; ""REPARATION AND CHARACTERIZATION OF METAL SILICATES: REVIEW""; ""ABSTRACT""; ""INTRODUCTION""; ""2. SODIUM SILICATE AS A SILICA SOURCE""; ""2.1. Silicate Hydrolysis""; ""3. PREPARATION OF

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"; "EXPERIMENTAL"; "RESULTS AND DISCUSSION"; "REFERENCES"; "INTERACTIONS BETWEEN PRION PROTEINS AND MOLECULAR CHAPERONES BY THE EXAMPLE OF OVINE PRION VARIANTS VRQ AND ARR, AND CHAPERON IN GROEL"; "ABSTRACT"; "1. INTRODUCTION"; "2. EXPERIMENTAL"; "2.1. Chemicals"; "2.2. Dilution of Dried Prion Isoforms VRQ and ARR"; "2.3. Isolation of Chaperonin GroEL and Co-Chaperonin GroES"; "2.4. GroEL Immobilization"; "2.5. Isolation of GAPDH"; "2.6. Denaturation of GAPDH in the Presence of Guanidine Hydrochloride"; "2.7. Enzymatic Activities of GAPDH"; "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 CONCRETE AGGREGATE"; "ABSTRACT"; "INTRODUCTION"; "MATERIALS PROPERTIES"; "MIXTURE DESIGN"; "TESTING METHODS";

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