

In Progress

1.	Chaitidou, S.	,	"Hybrid Materials: Biomolecule-polymer Conjugates"
2.	Dompazis, G.	,	"Dynamic Simulation of Olefin Polymerization"
3.	Karakosta, P.	,	"Controlled Release Systems"
4.	Kotrotsiou, O.	,	"Study of Molecularly Imprinted Polymers"
5.	Kotti, A.	,	"Experimental and Theoretical Investigation of Microencapsulation"
6.	Krallis, A.	,	"Dynamic Simulation and Numerical Modelling of Olefin Polymerization"
7.	Kretza, E.	,	"Development of Microencapsulation Methods"
8.	Mantourlias, Th.	,	"Immobilization of enzymes"
9.	Mastrogeorgopoulos, S.	,	"Application of Dynamic Optimization Methods in Polymer Processing"
10.	Meimarglou, D.	,	"Mathematical Simulation of Olefin Polymerization"
11.	Mouratidis, D.	,	"Application of the Monte Carlo Method in Polymer Processing"
12.	Patronidou, C.S.	,	"Development of Targeted Delivery Systems"
13.	Saliakas, V.	,	"Non-Linear Model Based Control of Polymer Processing"
14.	Touloupides, V.	,	"Development of an integrated model for polymer processing"

Completed

1.	Achilias, D.	"An Experimental and Theoretical Investigation of Drug Delivery Systems"
2.	Bachtsi, A.	"Development of Novel Microencapsulation Methods"
3.	Boutris, C.	"An Experimental and Theoretical Analysis of the Thermal Properties of Polymeric Particles"
4.	Chatzidoukas, C.	"Polymerization Reactor Modeling, Design, Optimization and Control"
5.	Dimos, V.	"Experimental and Theoretical Investigation of Heterogeneous Polymerization Reactions"
6.	Dini, E.	"Molecular and Nano-Scale Drug Delivery Systems"
7.	Fratzikinakis, C.	"Modeling and Trajectory Control of Semi-Batch Emulsion Polymerization"
8.	Giagopoulos, A.	"Mathematical Modeling of Olefin Plastomer and Elastomer"
9.	Giannoulakis, H.	"Study of Gas Phase Olefin Polymerization Using Mathematical Models"
10.	Hatzantonis, H.	"Mathematical Simulation of Polymeric Particle Behavior in a Fluidized Bed"
11.	Kammona, O.	"Development of Characterization Techniques for the Study of Polymers"
12.	Kanellopoulos, V.	"Mathematical and Experimental Study of Morphology and Properties of Polymeric Particles"

13.	Kehagia, Z.	"Characterization and Removal of Monomers and V
14.	Keramopoulos, A.	"Mathematical Modeling of Polymerization Reaction
15.	Kotoulas, C.	"Prediction of Particle Size Distribution in Suspensi
16.	Lazaridis, N.	"New Generation Surfactants for the Latex Polymer
17.	Mourikas, G.	"Mathematical Modeling, and Optimization of Batch
18.	Papazoglou, M.	"Multivariate Statistical Process Control (SPC) of Ba
19.	Parouti, S.	"Investigation of the Kinetics and the Molecular weight
20.	Pladis, P.	"Dynamic Behaviour, Steady-State Multiplicity and I
21.	Roussos, A.	"Development of a Solution of Population Balance Eq
22.	Sidiropoulou, E.	"Mathematical Modeling and Optimization of a VCM
23.	Stavropoulos, J.	"Multivariate Statistical Control of the Chemical Pro
24.	Toubeli, A.	"Synthesis and Characterization of Hydrophilic Poly
25.	Tzika, M.	"Experimental Investigation of the Production of Com
26.	Verros, G.	"Modeling and Real-Time Optimization of a Batch S
27.	Voutetakis, S.	"Computer Aided Operation

Diploma Thesis

2006		
1.	Λάμπρου Αλ. (2006), "Μελέτη της Παρασκευής Υβριδικών Πολυμερικών Νο	
2.	Κυπαρισσίδης Αλ. (2006), "Ανάλυση Ευαισθησίας Μεταβολικών Μονοπατι	
2003		
1.	Βιττώριας Ι. (2003), "Δυναμική Προσομοίωση Πολυμερισμού Στυρενίου"	
2.	Κουτούφαρης Ι. (2003), "Πρόβλεψη της Εσωτερικής Μορφολογίας Αναπτ	
3.	Μεϊμάρογλου Δ. (2003), "Επίλυση Προβλημάτων Δυναμικής Βελτιστοποιη	
2001		
1. Xakis J.	(2001), "Kinetic Study of the Semibatch Emulsion Tripolymerization of Methyl Methacry	
2.	Hatzipartali K. (2001), "Design of User Friendly Interface Graphic S	
3.	Kotsifos G. (2001), "Mixture Phenomena of Ethylene Polymeriz	
4.	Kanellopoulos V. (2001), "Mathematical Modeling of Polymer Particles"	
2000		
1.	Boultouka, T. (2000), "Mathematical Modeling of Particle Size Dist	
2.	Chronis, A. – Levis, A. (2000), "Theoretical and Experimental Study of Disp	

3.	Delichristos C. – Moura D. (2006), "Phase Equilibria Simulation in Ethylene-Po-
4.	Koutsodimitropoulos C. (2000), "Installation, Modeling and description of Ba-
5.	Kiriakidou E. (2000), "Production and Characterization of PHEMA
6.	Karatrantos A. (2000), "Mathematical Simulation of the Stripping Pr