

DOCTORAL DISSERTATIONS

In Progress

1.	Komvokis, V	., "Synthesis, characterization and evaluation of new nano-structured catalytic materials"
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Completed

1.	Bollas G.	, "Dynamic simulation, optimization and control of flexible catalytic systems"
2.	Christoforou S.	, "Selective catalytic reduction of NOx with hydrocarbons"
3.	Heracleous E.	, "New selective catalytic process of ethylene production"
4.	Iliopoulou E.F.	, "Reduction of NOx emissions from the flue gases of internal combustion engines"
5.	Machli M.	, "New catalytic materials structure and activity study"
6.	Valla, I.	, "Development of new catalytic systems and processes"

DIPLOMA THESIS

1.	Marti M.	(2004), "Study of the synthesis, hydrothermal stability and acidic properties of aluminosilicates"
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2.	Karakoulia S.	(2004), "Preparation and Characterization of zeolites"
3.	Panou C.	(2004), "Modeling of Thermo-programmed reduction"
4.	Gogaki S.	(2004), "Study of the division mechanisms of the pre-catalytic materials"
5.	Panou K.	(2004), "Modeling of Thermo-programmed reduction"
6.	Psarras A.	(2004), "Mechanisms of sulphur reactions during the catalytic process"
7.	Nikolopoulos O.	(2004), "Biomass pyrolysis"
8.	Mouriki E.	(2004), "Study of the division of heavy sulphides during the catalytic process"
9.	Galatsianou M.	(2003), "Hydrogen production technologies review"
10.	Evdou A.	(2003), "Study of Catalysts Ag/Al2O3 in selective catalytic reduction"
11.	Boudouris C.	(2003), "Mathematical modeling of thermal oxidative catalytic processes"

12.	Katsikoulis M., Kyriakos C.	(2003), "Modeling of the thermal catalytic elaboration of biomass"
13.	Psarras A.	(2003), "Development of reaction kinetic models for the catalytic cracking of biomass"
14.	Nikopoulos O.	(2003), "Production and quality control of biooil products from biomass"
15.	Kanaki A.	(2003), "Development of Catalytic Additives for the reforming of biomass"
16.	Chatzis M.	(2002), "Recording of the operation of the Hellenic FCC pilot plant"
17.	Stathopoulos S.	(2002), "Metal deposit on catalysts"
18.	Tourliti V.	(2002), "Catalytic systems for sulfur removal from FCC feedstocks"
19.	Rendi E.	(2002), "Catalytic biomass pyrolysis in a fixed bed reactor"
20.	Martavaltzi C., Theodorou Z.	(2002), "Simulation of thermal steam-cracking and catalytic cracking of biomass"
21.	Katsikoulis M., Kyriakos C.	(2002), "Simulation of the catalyst thermal process in a fixed bed reactor"
22.	Vlachomitrou M.	(2001), "Development of mathematical models for the catalytic cracking of biomass"
23.	Gogaki S.	(2001), "Application of thermal analysis on catalysts for the catalytic cracking of biomass"
24.	Dimitroulas M.	(2001), "Light olefins production via selective oxidation of biomass"
25.	Theodorou Z., Rafailidis L.	(2001), "Modeling of the C.P.E.R.I. FCC pilot plant using biomass"
26.	Kambas P.	(2001), "Production of i-butylene with catalytic dehydrogenation of biomass"
27.	Dourou I.	(2001), "Catalytic cracking of heavy feedstocks- effects of catalysts"
28.	Stathopoulos S.	(2001), "Deposition methods and effects of Ni, V, Fe on catalysts"
29.	Tourliti V.	(2001), "Technologies for the reduction of sulfur in the catalytic cracking of biomass"
30.	Chatzis M.	(2001), "Mathematical simulation of the industrial FCC process using biomass"
31.	Lorentzou S.	(2001), "Probing study of the spray pyrolysis process for the production of catalysts"
32.	Voulouvoutis A.	(2000), "Oxidative Dehydrogenation of Propane"
33.	Makridis A.	(2000), "Methane reforming with Carbon Dioxide in the presence of catalysts"
34.	Orphanidou X	(2000), "Preparation and characterization of vanadium catalysts"
35.	Kabas P.	(2000), "Production of i-butylene with catalytic dehydrogenation of biomass"

36.	Dimitroulas M.	(2000), "Light olefine production via selective oxidation"
37.	Vlachomitrou M.	(2000), "Development of new catalytic systems and catalysts"
38.	Stathopoulos S.	(2000), "Deposition methods and effects of Ni, V, Fe on diesel engine catalysts"
39.	Moustakeas K.	(2000), "Study of filters for soot particulates"
40.	Bollas G.	(2000), "Development of kinetic models for the prediction of diesel engine emissions"
41.	Lampridis S., Moustakeas K.	(2000), "Characterization of Diesel droplets produced by different injection systems"
42.	Gkagkas S.O., Nikolaidis A.	(2000), "Comparative study for the evaluation of methods for the determination of diesel engine emissions"
