

CURRICULUM VITAE

Nume PARVULESCU
Prenume VASILE

Funcție Profesor universitar
Institua Universitatea Bucuresti, Facultatea de Chimie, Catedra de Tehnologie Chimică si Cataliză

Locul nasterii Bucuresti
Data nasterii 25 August 1954

Studii Absolvent: Iunie 1978, IPolitehnic Bucuresti, Facultatea de Tehnologie Chimica, Sectia Chimie
Specializare : Iunie 1979, in Cataliza si Catalizatori, IPolitehnic Bucuresti, Facultatea de Tehnologie Chimica, Sectia Chimie
Doctorat : Noiembrie 1986, in Cataliza, IPolitehnic Bucuresti, Facultatea de Tehnologie Chimica, Sectia Chimie,
Conducător Stiintific Prof.Dr.Doc. I.V.Nicolescu

Activitate Intreprinderea Vega: 1979 – 1980 Chimist
IMNR Bucuresti: 1980 -1983 Chimist
1983-1987 Cercetator stiintific
1987- 1991 Cercetator Pr.III
1991-1992 Cercetator Pr.II
1992 Cercetător Pr.I
Universitatea Bucuresti : 1991-1993 Sef Lucrari
1993 Conferentiar
1999 Profesor

Experienta Sinteze anorganice
Cataliza in protectia mediului; Chimie verde
Preparare Catalizatori
Procese catalitice (hidrogenare, oxidare in faza lichida, cataliza asimetrica, cataliza pe membrane)
Caracterizarea Catalizatorilor (FTIR, Raman, XPS, adsorbție si chemosorbție, XRD
Chimie Laser si Plasma

Membru al unor asociatii profesionale Presedinte al Societatii de Cataliza din Romania
Societatea de Cataliza în Reacții organice (USA)
Societatea de Materiale Meso- și Macroporoase (Canada)

Premii Premiul Academiei Romane Nicolae Teclu in 1990
Bursa Alexander von Humboldt, 1997
Cavaler al Ordinului National pentru Merit acordat prin Decret Prezidential de catre Presedintele Romaniei - 2008

Publicatii

3 carti (2 in tara, una in Elsevier)
201 publicații din care: 27 în reviste din țară, 174 in reviste din străinătate

115 contributii în Proceeding-uri la Conferinte Internationale
7 Monografii
25 Brevete.
15 Plenary and key-note lectures la Conferințe Internaționale
46 Prezentări orale la Conferinte internationale

2004 citari in reviste ISI
Factor de impact individual: peste 100
Factor de impact global: peste 350
Factor Hirsh 20

Contracte Responsabil a 103 de Contracte in tara, 10 Contracte Internationale din care **2** cu NATO, **9** inter-guvernamentale: 3 cu Katolieke Universiteit Leuven (Belgia, Flandra), 3 cu Universite Catholique de Louvain (Belgia, Wallonie), un proiect FP6 (CONCORDE), unul cu Universitatea Thessaloniki (Grecia), unul cu Universitatea Ljubliana (Slovenia), Institute of Catalysis Pune (India) Colaborator la Contractul Catedrei cu Banca Mondiala si la inca 6 contracte interne.

Burse Bursa Comunitatii Europene, PECO, Universite Catholique de Louvain, Unite de Catalyse et des Materiaux Divises, Louvain-la-Neuve, 1993
Bursa de Studii, Universite Catholique de Louvain, Unite de Catalyse et des Materiaux Divises, Louvain-la-Neuve, 1994
Bursa NATO, Universite Catholique de Louvain, Unite de Catalyse et des Materiaux Divises, Louvain-la-Neuve, 1994

Membru al unor Colective științifice

Membru în colectivul de redacție al Revue Roumaine de Chemie
Reprezentant în Comitetul de Management al Directiei COST
D12,

D24, D28, D29, D40 al programului european COST.
Reprezentant al Romaniei in DC COST, si Raportor al programelor D33, D36 si D41.
Vicepresedinte al Comitetului de management COST pentru Chimia verde
Presedintele Comisiei CNCSIS pentru Comisia 1 pentru Matematica si stiintele naturii
Membru al Consiliului CNCSIS
Presedinte la Comisiei CNCSIS de evaluare a universitatilor

Guest Professor Institute of Coal Chemistry, Taixuan, China
Laval Universite, Quebec, Canada
Univerite de Lille (2002 si 2006)
Universite Catholique de Louvain

Invited lecturer Ecole Polytechnic de Lausanne, Elvetia,
Universite Catholique de Louvain, Belgia
Katholieke Universitet Leuve, Belgia
Institute of Coal Chemistry Taixuan, China
Pennsilvania State University, Philadelphia, SUA
Eindhoven University, Eindhoven, Olanda
Technische Universitet, Aachen, Germania
Hereus BmbH, Hanau, Germania
Laval Universite, Quebec, Canada
Utrecht University, Olanda
LG Company, Coreea de Sud
Samsung Company, Coreea de Sud
RWTH Aachen, Germany

LIST OF PUBLICATIONS

I. Papers in romanian journals

1. I. Săndulescu and V.Pârvulescu , Hydrogenation of Styrene in Chromtographic Pulse, Rev.Chim. (Bucuresti), 11,1086-1091 (1979).
2. I. Săndulescu, Xu Yandong and V.Pârvulescu , Hydrogenation of Styrene upon Pd and Pd-Mn/ γ - Al₂O₃ Catalysts, Rev.Chim.(Bucuresti), 4, 311-314 (1983).
3. I. Săndulescu, I.V.Nicolescu, Xu Yandong and V.Pârvulescu, Selectivity and other Properties of Pd, Mn, and Pd-Mn/ γ -Al₂O₃ Catalysts for Styrene Hydrogenation, Rev.Roum.Chim., 28,669-682 (1983).
4. V.Pârvulescu, I.Săndulescu and S.Straja, An attempt of Explaining Hydrogenation/ Dehydrogenation of Ethylbenzene-Ethylcyclohexane on Pd-Mn/ γ -Al₂O₃ and Mn/ γ -Al₂O₃ Catalysts, Rev.Roum.Chim., 29,793-798(1984).

5. I. Săndulescu, V.Pârvulescu, E.Szabo, Al.Popa and I.V.Nicolescu, Styrene Hydrogenation on Supported Pd and Pd-Co/ γ -Al₂O₃ Catalysts, Rev.Roum.Chim., 31,375-385(1986).
6. V.Pârvulescu, I.Săndulescu, N.Grecu, Cr.Contescu and I.V.Nicolescu, Effect of Palladium Concentration on the State and Activity of Pd/ γ -Al₂O₃ Catalysts, Rev.Roum.Chim., 33,3-11(1988).
7. L.Frunză, I.V.Nicolescu, V.Pârvulescu and I.Anger, IR Spectral Study of some Pd-M/ γ -Al₂O₃ Catalysts by Pyridine and Carbon Monoxide Adsorption, Rev.Roum.Phys., 32,1015-1018(1987).
8. I.V.Nicolescu, V.Pârvulescu, V.Pârvulescu and I.Săndulescu, Hydrogenation of Styrene on Bimetallic Supported Catalysts Pd-M/ γ -Al₂O₃ (M = Mn,Fe,Co,Ni and Cu), Rev.Roum.Chim., 33,1041-1053 (1988).
9. I.V.Nicolescu, V.Pârvulescu, V.Pârvulescu and Em.Angelescu, Metallic Supported Catalysts Preparation from Precursors with Different Capacities of Immobilization on γ -Al₂O₃ Surface. I. Al₂O₃ Impregnation with a Metallic Species, Rev.Roum.Chim., 35,145-159(1990).
10. I.V.Nicolescu, V.Pârvulescu, V.Pârvulescu and I.Săndulescu, Metallic Supported Catalysts Preparation from Precursors with Different Capacities of Immobilization on γ -Al₂O₃ Surface. II. Impregnation of the Pd/ γ -Al₂O₃ Catalysts Support with the Second Metallic Component, Rev.Roum.Chim., 35,161-171(1990).
11. I.V.Nicolescu, V.Pârvulescu, V.Pârvulescu and Em.Angelescu, Metallic Supported Catalysts Preparation from Precursors with Different Capacities of Immobilization on γ -Al₂O₃ Surface. III. Study of Drying Step, Rev.Roum.Chim., 35, 173-184(1990).
12. V.Pârvulescu, V.Pârvulescu, M.Bîrjega and Em.Angelescu, Effects of Metal Ions Buffering on the Lanthanides Adsorption onto the γ -Al₂O₃ and Pd/ γ -Al₂O₃, Progress in Catalysis, 1, 27-40 (1992).
13. V.Pârvulescu, M.Bîrjega, V.Pârvulescu, D.Macovei, A.Andrei, Em.Angelescu and I.V.Nicolescu, Selective Hydrogenation of Styrene upon Pd-Sm/ γ -Al₂O₃ Catalysts. I.Preparation and Characterization of the Catalysts, Rev.Roum.Chim., 37,327-344 (1992).
14. V.Pârvulescu, Em.Angelescu and I.V.Nicolescu, Selective Hydrogenation of Styrene upon Pd-Sm/ γ -Al₂O₃ Catalysts. II. Catalytic Activity.,Rev.Roum.Chim., 37,453-459(1992).
15. Em.Angelescu, G.Pop, G.Pogonaru, R.Stănescu, G.Muscă and V.Pârvulescu, Conversion of C₂-C₄ olefins to aromatic hydrocarbons catalysed by H-ZSM-5 and H-ZSM-5-M₂O₃ zeolites (M=Ga, La, Y, In, Nd), Rev.Roum.Chim., 38,411-423(1993).
16. I.V.Nicolescu, V.Pârvulescu, V.Pârvulescu, and Em.Angelescu, A Method for Controlling the Second Metal Distribution within the Pd/ γ -Al₂O₃ Catalyst Support, Rev.Roum.Chim., 38,965-974(1993).
17. Em.Angelescu, V.Pârvulescu, G.Muscă, F.Constantinescu, V.Dima, G.Gheorghe and G.Possa, Conversion of n-Butane and n-Butenes into Aromatic Hydrocarbons over M₂O₃-H-ZSM-5 zeolites (M=Ga, In, Tl), Progress in Catalysis, 1,32-43(1993).
18. Em.Angelescu, R.Stănescu,V.Pârvulescu, L.Botez and A.Angelescu, Dimerization of Ethylene on Organometallic Nickel Catalyst, Progress in Catalysis, 1,24-30(1993).

19. V.Pârvulescu, F.Vasiliu, C.Sîrbu, V.Pârvulescu and Em.Angelescu, Properties and Hydrogenation Activity of Pd-Dy/ γ -Al₂O₃ Catalysts. I. Preparation and Characterization., Rev.Roum.Chim., 39, 91-98(1994).
20. V.Pârvulescu, Properties and Hydrogenation Activity of Pd-Dy/ γ -Al₂O₃ Catalysts. II. Hydrogenation of vinyl- and divinylbenzenes., Rev.Roum.Chim., 39, 99-106(1994).
21. V.Pârvulescu, Properties and Hydrogenation Activity of Pd-Dy/ γ -Al₂O₃ Catalysts. III. Cyclohexene and Indene Hydrogenation., Rev.Roum.Chim., 39, 511-515(1994).
22. D.Dumitriu, E.Angelescu and V.I.Pârvulescu, Selectivity effects in catalytic oxidation on zeolites of organic substrates with hydrogen peroxide, Romanian Chemical Quarterly Reviews, 6, 113-131 (1998).
23. V. I. Pârvulescu, V. Pârvulescu, S. Gobolos, E. Talas and J. M. Margitfalvi, Hydrogenation of Indene on Pd/ γ -Al₂O₃ and Pd-Li/ γ -Al₂O₃ Catalysts, Rev.Roum.Chim., 44 (1999) 1113-1119.
24. S. Coman, F. Vasiliu and V. I. Pârvulescu, Selective hydrogenation of unsaturated aromatic compounds upon Pd-Eu/ γ -Al₂O₃ Catalysts, Rev.Roum.Chim., 47 (2002) 353-362.
25. V. I. Pârvulescu, Laser-assisted catalytic transformation of methyl-cyclopentane and methylcyclohexane on ZSM-5 zeolite, Rev.Roum.Chim., 49 (2004) 377-382.
26. M. Magureanu, N. B. Mandache, V. I. Pârvulescu, Toluene oxidation in a pulsed dielectric barrier discharge, J. Optoelectronics Adv. Materials, 7 (2005) 1623-1627.
27. C. Visinescu, F. Levy and V. I. Pârvulescu, Photocatalytic degradation of acetone on ZnO-doped TiO₂ films prepared by sputtering, Rev.Roum.Chim., 51 (2006) 827-833.

Books

1. V. I. Pârvulescu, V. Pârvulescu and Em. Angelescu, Catalizatori și procese catalitice neconvenționale, Ed. Univ. Buc., 1992.
2. V. I. Pârvulescu, S. Coman and V. Pârvulescu, Cataliză Asimetrică, Ed. Univ. Buc., 1996.
3. P. Granger and V.I. Parvulescu, *Past and Present in deNO_x Catalysis: From Molecular Modelling to Chemical Engineering*, Elsevier, Amsterdam, 2007

Monographies

1. V.I.Pârvulescu, P.Gränge and B.Delmon, Catalytical removal of NO, **Review paper**, Catal.Today, 46 (1998) 233-317.
2. N.Fripiat, V.Pârvulescu, V.I.Pârvulescu and P.Gränge, Identification of active sites in basic oxinitride catalysts, **Review paper**, Appl.Catal, A: General, 181 (1999) 331-347.
3. V. I. Pârvulescu, D. E. De Vos and P. A. Jacobs, Heterogeneous Diastereoselective Reactions, in *Chiral Catalyst Immobilization and Recycling*, D. E. De Vos, V. Vankelecom and P. A. Jacobs (Eds.), Wiley-VCH Verlag GmbH, Weinheim, 283-306, 2000.
4. V.I. Pârvulescu, V. Marcu, Heterogeneous Photocatalysis, in *Surface and Nanomolecular Catalysis*, Ryan M. Richards (Editor), CRC Press - Taylor and Francis Group (FOST MARCEL DECKER), Boca Raton, Florida, Chapter 12, 2006.

5. S.M. Coman, G. Poncelet, V.I. Pârvulescu, Asymmetric catalysis by heterogeneous catalysts, in *Surface and Nanomolecular Catalysis*, Ryan M. Richards (Editor), CRC Press - Taylor and Francis Group (FOST MARCEL DECKER), Boca Raton, Florida, Chapter 14, 2006.
6. V. I. Pârvulescu, C. Hardacre, Catalysis in Ionic Liquids, Chem. Rev. 107 (2007) 2615-2665.
7. M. Magureanu and V.I. Pârvulescu, Plasma-assisted NO_x abatement processes: a new promising technology for lean conditions, in P. Granger and V.I. Parvulescu (Eds), Past and Present in deNO_x Catalysis: From Molecular Modelling to Chemical Engineering, Elsevier, Amsterdam, 2007, chapter 14: 345-379.

II. Papers in international journals

1. Am.Arias, C.A.Basturnian, Z.Vasilievna, O.Serban, I.Săndulescu, V.Pârvulescu and I.V.Nicolescu, Influencia de Diferentes Parametres on la Conversion de Metiliclopentano y Cyclohexano con Zeolitas ZR 3,6 y ZR 37, Rev.del Instituto del Petroleo (Mexico), 15, 91-99 (1983).
2. V.Pârvulescu, V.Pârvulescu, L.Frunză, N.Grecu, C.Enache and Em.Angelescu, Selective Hydrogenation of Styrene on Pd-Ho/ γ -Al₂O₃ and Pd/ γ -Al₂O₃ Catalysts, Bull.Soc.Chim Belg., 102, 391- 399 (1993).
3. D.Macovei, V.Pârvulescu and C.M.Teodorescu, EXAFS Characterization of Dy and Pd-Dy on Alumina Catalysts, React.Kinet.Catal.Lett., 52,81-86 (1993).
4. E.Segal, A.Andrei and V.Pârvulescu, DTA and X-Ray Diffraction Investigation of the Laser Irradiated CeO₂ powders, J.Therm.Anal., 41,1063-1073 (1994).
5. V.Pârvulescu, D.Fătu, A.Andrei and E.Segal, On the Changes Induced by Laser Irradiation of CrO₃ and K₂Cr₂O₇ powders, J.Therm.Anal., 44,147-159 (1995).
6. F.Vasiliu, V.Pârvulescu and C.Sârbu, Trivalent Ce₂O₃ and CeO_{2-x} intermediate oxides induced by laser irradiation of CeO₂ powders, J.Mater.Sci.,29,2095-2101 (1994).
7. V.Pârvulescu, G.Filoti, V.Pârvulescu, N.Grecu, Em.Angelescu and I.V.Nicolescu, Styrene Hydrogenation on Supported Pd,Fe and Pd-Fe/ γ -Al₂O₃ Catalysts, J.Mol.Catal.,89,267-282 (1994).
8. V.I.Pârvulescu, L.Frunză, G.Catană, R.Russu and V.Pârvulescu, Acidic and Textural Properties of H-ZSM-5 Impregnated with Galium, Indium or Thallium, Appl.Catal.A, 121, 69-79 (1995).
9. V.I.Pârvulescu, F.Vasiliu and E.Segal, Thermal Behaviour of CO₂ laser-irradiated CeO₂ doped with Yb₂O₃, J.Therm.Anal., 45, 1313-1322 (1995).
10. V.Pârvulescu, V.I.Pârvulescu, G.Popescu, A.Julbe, C.Guizard and L.Cot, Gas-Solid Oxidations with RuO₂-TiO₂ and RuO₂-SiO₂ Membranes, Catal.Today, 25, 385-389 (1995).
11. L.Frunză, R.Russu, G.Catană, V.Pârvulescu, G.Gheorghe, F.Constantinescu and V.I.Pârvulescu, Characterisation of ZSM-5 Samples Modified by Ions of Group IIIA, in Zeolites Science 1994: Recent Progress and Discussions, H.G.Karge and J.Weitkamp (Eds.),Stud. Surf.Sci.Catal., vol. 98, Elsevier Science B.V., Amsterdam, 1995, p.110-113.
12. V.I.Pârvulescu, V.Pârvulescu, S.Coman, C.Radu, D.Macovei, Em.Angelescu and R.Russu, Modified Ruthenium-Exchanged Zeolites for Enantioselective Hydrogenation,in

- Preparation of Catalysts VI, G.Poncelet et al. (Eds.), Stud. Surf.Sci.Catal., vol. 91, Elsevier Science B.V., Amsterdam, 1995, p.561-570.
13. V.I.Pârvulescu, P.Oelker, P.Grange and B.Delmon, NO Decomposition over Bicomponent Cu-Sm-ZSM-5 Zeolites, Appl.Catal.B:Environmental, 16 (1998) 1-17.
 14. V.I.Pârvulescu, V.Pârvulescu, D.Macovei and L.Frunzã, Hydrogenation of vinylbenzenes on Pd-Tm/ γ -Al₂O₃ and Tm/ γ -Al₂O₃ catalysts, J.Chem.Soc., Faraday Trans., 93, 1827-1837 (1997).
 15. V.I.Pârvulescu, P.Grange and B.Delmon, Effect of Co-exchanging with a Second Metal upon the Interaction of Nitric Oxide with Cu-ZSM-5, J.Phys.Chem.B, 101, 6933- 6942 (1997).
 16. F.Vasiliu, C.Sârbu and V.I.Pârvulescu, Investigation of some phase transformations induced by CO₂ - laser irradiation in some rare-earth oxides, Solid State Ionics, 95, 107-112 (1997).
 17. F. Cocu, S. Coman, C. Tănase, D.Macovei, and V.I.Pârvulescu, Diastereoselective hydrogenation of a prostaglandin intermediate over Ru supported on different molecular sieves, in „Heterogeneous Catalysis and Fine Chemicals IV“, H.U.Blaser, A.Baiker and R.Prins (Eds.), Stud.Surf.Sci.Catal. vol. 108, Elsevier Science B.V., Amsterdam, 1997, p.207-214.
 18. V.Pârvulescu, S.Coman, L.Frunzã, D.Macovei, I.Sândulescu and V.I.Pârvulescu, Spillover Effects Induced by Rare-earth Metals on Pd/ γ -Al₂O₃ in Vinylbenzenes Hydrogenation“, in "Spillover and migration of surface species on catalysts, Can Li and Qin Xin (Eds.), Stud.Surf.Sci.Catal. vol. 112, Elsevier Science B.V., Amsterdam, 1997, p.161-170.
 19. V.Pârvulescu, M.Ruwet, P.Grange and V.I.Pârvulescu, Sol-gel Synthesis of Cobalt-Niobia Catalysts, Solid State Ionics, 101-103, 137-141 (1997).
 20. V.Pârvulescu, M. Ruwet, P.Grange and V.I.Pârvulescu, Preparation, characterisation and catalytic behaviour of cobalt-niobia catalysts, J.Mol.Catal., 135, 75-88 (1998).
 21. S.Coman, F.Cocu, J.F.Roux, V.I.Pârvulescu and S.Kaliaguine, Diastereoselective Hydrogenation of some Prostaglandins Intermediates and Compounds over MCM-41 Supported Ru, L.Bennevoit, F.Béland, C.Danumah, S.Giasson and S.Kaliaguine and (Eds.), Stud.Surf.Sci.Catal. vol. 117, Elsevier Science B.V., Amsterdam, 1998, p.501-509.
 22. S.Coman, C.Bendic, M.Hillebrand, E.Angelescu, V.I.Pârvulescu, A.Petride and M.Banciu, Diastereoselective Hydrogenation of Cyclic- β -Ketoesters over Modified Ru/Zeolite Catalysts, in Catalysis in Organic Reactions, F.Herkes (Ed.), Marcel Decker, New York, 1998, p. 145-157.
 23. D.Dumitriu, A.R.Bally, C.Ballif, V.I.Pârvulescu, P.E.Schmid, R.Sanjines and F.Levy, Reactive Sputtering as a tool for preparing Photocatalysts, in Preparation of Catalysts VII, B.Delmon, P.A.Jacobs, R.Maggi, J.A.Martens, P.Grange and G.Poncelet (Eds.), Stud.Surf.Sci.Catal., vol. 118, Elsevier Science B.V., Amsterdam, 1998, p.485-494.
 24. V. Pârvulescu, R. Crăciun, F. Tiu, S. Coman, P. Grange and V. I. Pârvulescu, Co-Nb₂O₅/SiO₂ Sol-Gel Catalysts: Preparation Implications on the Texture and Acidity of the Support and Dimension of the Metal Particle, in Preparation of Catalysts VII, B.Delmon, P.A.Jacobs, R.Maggi, J.A.Martens, P.Grange and G.Poncelet (Eds.), Stud. Surf.Sci.Catal., vol. 118, Elsevier Science B.V., Amsterdam, 1998, p.691-698.
 25. V.Pârvulescu, V.I.Pârvulescu, C.Niculae, G.Popescu, A.Julbe, C.Guizard and L.Cot, Influence of the Preparation Variables on the Separative and Catalytic Properties of Ruthenium-Silica Membranes, in Preparation of Catalysts VII, B.Delmon, P.A.Jacobs,

- R.Maggi, J.A.Martens, P.Gränge and G.Poncelet (Eds.), Stud. Surf.Sci.Catal., vol. 118, Elsevier Science B.V., Amsterdam, 1998, p.205-212.
26. V. Pârvulescu, S.Coman, P.Gränge and V. I.Pârvulescu, Preparation and Characterization of Sulfated Zirconia Catalysts obtained via various Procedures, Appl. Catal.A: General, 176 (1999) 27-43.
 27. S. Coman, V. Pârvulescu, P. Gränge and V. I. Pârvulescu, Transformation of C6 Hydrocarbons over Sulfated Zirconia Catalysts, Appl. Catal. A: General, 176 (1999) 45-62.
 28. V.I.Pârvulescu, S.Coman, V.Pârvulescu and G.Poncelet, TG and DTA Investigation of $ZrO_2 \cdot SO_4^{2-}$ Catalysts exposed to Hexane, Methylcyclopentane and Cyclohexane, Catal. Lett., 52 (1998) 231-238.
 29. V.Pârvulescu, S.Coman, P.Gränge and V.I.Pârvulescu, Mixed $M_2O_3 \cdot ZrO_2 \cdot SO_4^{2-}$ (M=Ga, In, Tl) Catalysts: Preparation, Characterisation and Catalytic Behaviour in Dehydroisomerisation of n-Hexane, in Catalytic Activation and Functionalisation of Light Alkanes. Advances and Challenges, E.G.Derouane, J.Haber, F.Lemos, F.Ramoa-Ribeiro, and M.Guisnet (Eds.), vol.44, Kluwer Academic Publishers, 3.High Technology, Amsterdam, 1997, p.417-421.
 30. V.Pârvulescu, S.Coman, V.I.Pârvulescu, P.Gränge and G.Poncelet, Reaction of Hexane, Cyclohexane and Methylcyclopentane over Gallium-, Indium-, and Thallium-promoted Sulfated Zirconia Catalysts, J.Catal., 180 (1998) 66-84.
 31. V.I.Pârvulescu, D.Dumitriu and G.Poncelet, Hydrocarbon oxidation with hydrogen peroxide over germanic faujasites catalysts, J.Mol.Catal., 140 (1999) 91-105.
 32. S.Coman, F.Cocu, V.I.Pârvulescu, B.Tesche, H.Bönnemann, J.F.Roux, S.Kaliaguine and P.A.Jacobs, Stereocontrolled Hydrogenation of Prostaglandin Intermediates over Ru-MCM-41 Catalysts, J.Mol.Catal., 146 (1999) 247-256.
 33. V.Pârvulescu, P. Gränge and V.I.Pârvulescu, Preparation, characterization and catalytic properties of Co-Nb₂O₅-SiO₂ catalysts, Catal.Today, 57 (2000) 193-199.
 34. V.I.Pârvulescu, M.A.Centeno, O.Dupont, R.Bârjega, R.Ganea, B.Delmon and P.Gränge, Effect of the Support upon the Behavior of Cu in NO Decomposition Exemplified on Cu-ZSM-5 containing Zr, Catal.Today, 54 (1999) 507-519.
 35. V.I.Pârvulescu, M.A.Centeno, P.Gränge and B.Delmon, NO Decomposition over Cu-Sm-ZSM-5 zeolites containing low exchanged copper, J. Catal., 191 (2000) 445-455.
 36. V.I.Pârvulescu, S.Coman, P.Palade, D.Macovei, C.M.Teodorescu, G.Filoti, R.Molina, G.Poncelet and F.E. Wagner, Reducibility of ruthenium in relation with zeolite structure, Appl.Surf.Sci., 141 (1999) 164-176.
 37. S. Coman, M. Florea, F. Cocu, V. I. Pârvulescu, P. A. Jacobs, C. Danumah and S. Kaliaguine Low metal loading Ru-MCM-41 stereocontrolled hydrogenation of prostaglandin intermediates, Chem. Commun., (1999) 2175-2176.
 38. D. Dumitriu, A. R. Bally, C. Ballif, P. Hones, P. E. Schmid, R. Sanjines, F. Levy and V. I. Pârvulescu, Photocatalytic degradation of phenol by TiO₂ thin films prepared by sputtering, Appl. Catal. B: Environmental, 25 (2000) 83-92.
 39. S. Boghosian, R. Fehrmann, J. Winnick, B. Bal'zhinimaev, V. I. Pârvulescu and Y. N. Zhukov, SO₂ and NO_x abatement, Green Chemistry, 2 (2000) G26-G27.
 40. H. Bönnemann, U. Endruschat, B. Tesche, A. Rufinska, C. W. Lehmann, F. E. Wagner, G. Filoti, V. Pârvulescu and V. I. Pârvulescu, A SiO₂-embedded nanoscopic Pd-Au alloy colloid, Eur. J. Inorg. Chem., (2000) 819-822.
 41. V. I. Pârvulescu, V. Pârvulescu, S. Kaliaguine, U. Endruschat, B. Tesche and H. Bönnemann, Hydrogenation of cinnamaldehyde on Ru-MCM and Ru-beta Catalysts, in

- Chem Ind. (Dekker) (Catalysis of Organic Reactions), M. E. Ford (Ed.), Marcel Decker, New York, 82 (2001) 301-306.
42. S. Coman, E. Angelescu, A. Petride, M. Banciu and V. I. Pârvulescu, Enantioselective catalytic hydrogenation of (6: 7,8: 9)-Dibenzobicyclo[3, 2, 2]nona-6, 8-dien-2-one on Ru-containing zeolites, in Chem Ind. (Dekker) (Catalysis of Organic Reactions), M. E. Ford (Ed.), Marcel Decker, New York, 82 (2001) 483-488.
 43. M. Florea, M. Sevinci, V. I. Pârvulescu, G. Lemay and S. Kaliaguine, Ru-MCM-41 Catalysts for Diastereoselective Hydrogenation, Microporous and Mesoporous Materials, 44-45 (2001) 483-488.
 44. S. Coman, F. Cocu, V. I. Pârvulescu, D. De Vos and P. A. Jacobs, Chemoselective reduction of prostaglandin intermediates by liquid-phase hydrogen transfer on Pt-Sn/MCM-41 catalysts, Microporous and Mesoporous Materials, 44-45 (2001) 477-482.
 45. S. Coman, F. Cocu, D. Oancea and V. I. Pârvulescu, Diastereoselective Hydrogenation of a Prostaglandinic Intermediate over Chirally Modified Pt/Al₂O₃, Catal. Today, 60 (2000) 185-192.
 46. S. Coman, R. Carabă, F. Cocu, V. I. Pârvulescu, H. Bönemann, B. Tesche, C. Danumah and S. Kaliaguine, Diastereoselective hydrogenation of a prostaglandin intermediate over Ru supported on MCM - 41 and MCM-48, Stud. Surf. Sci. Catal., 130 (2000) 3471-3476.
 47. V. I. Pârvulescu, H. Bönemann, V. Pârvulescu, U. Endruschat, A. Rufinska, Ch. W. Lehmann, B. Tesche and G. Poncelet, Preparation and Characterization of Mesoporous Zirconium Oxide (I), Appl. Catal. A, 214 (2001) 273-288.
 48. V. I. Pârvulescu, V. Pârvulescu, U. Endruschat, Ch. W. Lehmann, P. Grange, G. Poncelet and H. Bönemann, Preparation and Characterization of Mesoporous Zirconium Oxide. Part 2, Microporous and Mesoporous Materials, 44-45 (2001) 221-226.
 49. V. I. Pârvulescu, P. Grange and B. Delmon, NO decomposition over physical mixtures of Cu-ZSM-5 with zeolites or oxides, Appl. Catal. B: Environmental, 33 (2001) 223-237.
 50. V. I. Pârvulescu, E. Segal, B. Delmon and P. Grange, Effect of NO and oxygen upon the deactivation of Cu-ZSM-5 in NO decomposition, Stud. Surf. Sci. Catal., 133 (2001) 317-326.
 51. A. N. Pârvulescu, B. C. Gagea, M. Alifanti, V. Pârvulescu, V. I. Pârvulescu, S. Nae, A. Răzuș, G. Poncelet and P. Grange, Silica-embedded tert-butyldimethylsilyltrifluoromethanesulfonate catalysts as new solid acid catalysts, J. Catal., 202 (2001) 319-323.
 52. A. N. Pârvulescu, B. C. Gagea, V. Pârvulescu, V. I. Pârvulescu, G. Poncelet and P. Grange, Comparative behavior of silica-embedded tert-butyldimethylsilyltrifluoromethane-sulfonate and lanthanum triflate catalysts, Catal. Today, 73 (2003) 177- 185.
 53. R. M. Caraba, S. G. Masters, K. M. Eriksen, V. I. Pârvulescu and R. Fehrmann, Selective Catalytic Reduction of NO by NH₃ over high surface area vanadia-silica catalysts, Appl. Catal. B: Environmental, 34 (2001) 191-200.
 54. S. Opreșcu, V. Pârvulescu, A. Petride, M. D. Banciu and V. I. Pârvulescu, Hydrogenolysis of 1,1a,6,10b-tetrahydro-1,6-methanodibenzo[a,e]cyclopropa[c]cycloheptene over silica- and zirconia-embedded Ru-colloids, J. Mol. Catal. A: Chemical, 186 (2002) 153-161.

55. F. Tiu, V. Pârvulescu, P. Grange and V. I. Pârvulescu, Effect of hydrogen spillover in hydrogenolysis and cracking of butane on Co-niobia-silica catalysts, in A. Guerrero-Ruiz and I. Rodriguez-Ramos (Eds.), Stud. Surf. Sci. Catal., 138 (2001) 251-258.
56. V. I. Pârvulescu, B. Delmon and P. Grange, Spillover of oxygen species in the catalysts for NO Decomposition, in A. Guerrero-Ruiz and I. Rodriguez-Ramos (Eds.) Stud. Surf. Sci. Catal., 138 (2001) 323-330.
57. S. M. Coman, V. I. Pârvulescu, M. De bruyn, D. E. De Vos and P. A. Jacobs, Reduction of prostaglandin unsaturated ketones to secondary allylic alcohols by hydrogen transfer over mesoporous supported PtSn catalysts, J. Catal., 206 (2002) 218-229.
58. G. Gelbard, T. Gauducheau, E. Vidal, V. I. Pârvulescu, A. Crosman and V. Pop, Epoxidation with peroxotungstic acid immobilized onto silica-grafted phosphoramides, J. Mol. Catal., 182-183 (2002) 251-266.
59. R. Preda, V. I. Pârvulescu, A. Petride, A. Banciu, A. Popescu and M. D. Banciu, Hydrogenolysis of 1,1a,6,10b-tetrahydro-1,6-methanodibenzo[a,e]cyclopropa[c] cycloheptene over Ru-zeolites, J. Mol. Catal., 178 (2002) 79-87.
60. V. I. Pârvulescu, V. Pârvulescu, S. Boghosian, S. M. Jung and P. Grange, SCR of NO with NH₃ over mesoporous V₂O₅-TiO₂-SiO₂ catalysts with MS texture, J. Catal., 217 (2003) 172-185.
61. V. I. Pârvulescu, M. Alifanti, M. H. Zahedi-Niaki, P. Grange and S. Kaliaguine, A Comparison of SAPO, GaPSO, MgAPO and GaPO's as DENO_x catalysts, in R. Aiello, G. Giordano, F. Testa (Eds.), Stud. Surf. Sci. Catal., 142 (2002) 823-830.
62. M. Alifanti, C. M. Visinescu, V. I. Pârvulescu, P. Grange and G. Poncelet, Preparation and Characterization of WO_x-CeO₂ Catalysts, in E. Gaigneaux, D. E. De Vos, P. Grange, P. A. Jacobs, J. A. Martens, P. Ruiz, G. Poncelet, Stud. Surf. Sci. Catal., 143 (2002) 337-344.
63. V. I. Pârvulescu, C. M. Visinescu, M. H. Zahedi-Niaki and S. Kaliaguine, New evidences for the fluoride contribution in synthesis of gallium phosphates, in R. Aiello, G. Giordano, F. Testa (Eds.), Stud. Surf. Sci. Catal., 142 (2002) 367-374.
64. A. N. Pârvulescu, B. C. Gagea, M. Alifanti, V. Pârvulescu and V. I. Pârvulescu, Sol-gel synthesis of colloids and triflates containing hybrid type catalysts, in E. Gaigneaux, D. E. De Vos, P. Grange, P. A. Jacobs, J. A. Martens, P. Ruiz, G. Poncelet, Stud. Surf. Sci. Catal., 143 (2002) 177-184.
65. D.C. Radu, V. Pârvulescu, V. Câmpeanu, E. Bartha, A. Jonas, P. Grange and V. I. Pârvulescu, Chemoselective oxidation of 2-thiomethyl-4,6-dimethyl-pyrimidine and 2-thiobenzyl-4,6-dimethyl-pyrimidine over titania-silica catalysts, Appl. Catal. A: General, 242 (2003) 77-84.
66. B. C. Gagea, A. N. Pârvulescu, V. I. Pârvulescu, V. Pârvulescu, P. Grange and G. Poncelet, Isomerization of Cyclohexane and Hexane over Silica-embedded Triflate Derivatives Catalysts, ARKIVOC, 2 (2002) 32-41.
67. D. C. Radu, V. Câmpeanu, F. Bertinchamps, E. M. Gaigneaux and V. I. Pârvulescu, Oxidation of 2-thiobenzyl-4,6-dimethyl-pyrimidine with hydrogen peroxide over Mo oxides, Mo suboxides and mixed Mo-Sb oxides catalysts, Catal. Commun., 4(2003) 5-9.
68. I. Giakoumelou, R. M. Caraba, V. I. Pârvulescu and S. Boghosian, First *in situ* Raman study of vanadium oxide based SO₂ oxidation supported molten salt catalysts, Catal. Lett., 78 (2002) 209-214.
69. D. Dumitriu, R. Bârjega, L. Frunza, D. Macovei, T. Hu, Y. Xie, V. I. Pârvulescu and S. Kaliaguine, BiO_x clusters occluded in a ZSM-5 matrix: preparation, characterization, and catalytic behavior in liquid phase oxidation of hydrocarbons, J. Catal., 219 (2003) 337-351

70. M. De bruyn, M. Limbourg, J. Denayer, G. V. Baron, V. I. Pârvulescu, P. J. Grobet, D. E. De Vos, P. A. Jacobs, Mesoporous Zr and Hf catalysts for chemoselective MPV reductions of unsaturated ketones, Appl. Catal. A: General, 254 (2003) 189-201.
71. M. De bruyn, S. Coman, R. Bota, V. I. Pârvulescu, D. E. De Vos, P. A. Jacobs, Chemoselective reduction of complex α , β -unsaturated ketones to allylic alcohols over Ir metal particles on beta zeolites, Angew. Chem., Int. Ed. Engl., 115 (2003) 5491-5494..
72. B. C. Gagea, A. N. Pârvulescu, V. I. Pârvulescu, A. Auroux, P. Grange, G. Poncelet, Alkylation of phenols and naphthols on silica-immobilized triflate-derivatives, Catal. Lett, 91 (2003) 141-144.
73. D. C. Radu, A. Ion, V. I. Pârvulescu, V. Câmpeanu, E. Bartha, D. Trong On, S. Kaliaguine, Oxidation of methyl-propyl-thioether with hydrogen peroxide using Ti-SBA-15 as catalyst, in S. -E. Park, R. Ryoo, W. -S. Ahn, C. W. Lee, J. -S. Chang (Eds.), Stud. Surf. Sci. Catal., 146 (2003) 609-613.
74. V. Pârvulescu, V. I. Pârvulescu, M. Alifanti, S. M. Jung, P. Grange, One pot synthesis of mesoporous ternary V₂O₅-TiO₂-SiO₂ catalysts, in S. -E. Park, R. Ryoo, W. -S. Ahn, C. W. Lee, J. -S. Chang (Eds.), Stud. Surf. Sci. Catal., 146 (2003) 585-589. V. I. Pârvulescu, M. Florea, G. Gelbard, M. A. Centeno, G. Lamay and S. Kaliaguine, Epoxidation of cyclohexene and indene on silicalite embedded BiO_x-clusters, in "Recent Advances in the Science and Technology of Zeolites and Related Materials", E. Van Steen, L.H. Callanan, M. Claeys, Stud. Surf. Sci. Catal. 154 (2004) 2647-2654.
76. V. Rives, M. del Arco, O. Prieto, A. Fetcu and V. I. Pârvulescu, Birnessites as very efficient catalysts for liquid oxidation of cyclohexane and cyclohexene, in "Recent Advances in the Science and Technology of Zeolites and Related Materials", E. Van Steen, L.H. Callanan, M. Claeys, Stud. Surf. Sci. Catal. 154 (2004) 2639-2646.
77. S. Coman, D. Radu, V. I. Parvulescu, Z. Sobalik, D. E. De Vos, P. A. Jacobs, The diastereoselection properties of the Ru-BEA catalysts in the prostaglandin intermediates hydrogenation, Stud. Surf. Sci. Catal., in "Recent Advances in the Science and Technology of Zeolites and Related Materials", E. Van Steen, L.H. Callanan, M. Claeys, Stud. Surf. Sci. Catal. 154 (2004) 2696-2703.
78. A. Crosman, G. Gelbard, G. Poncelet and V. I. Parvulescu, Epoxidation of cyclohexene and indene with hydrogen peroxide in the presence of WO₅ onto hydroxyapatite as catalyst, Appl. Catal. A: General, 264 (2004) 23-32..
79. A.-S. Mamede, E. Payen, P. Grange, G. Poncelet, A. Ion, M. Alifanti, V. I. Pârvulescu, Characterization of WO_x/CeO₂ catalysts and their reactivity in isomerization of hexane, J. Catal., 223 (2004) 1-12.
80. V. I. Parvulescu, C. Paun, V. Pârvulescu, M. Alifanti, I. Giakoumelou, S. Boghosian, S. B. Rasmussen, M. Eriksen, R. Fehrmann, Vanadia-silica and vanadia-caesium-silica catalysts for oxidation of SO₂, J. Catal., 225 (2004) 24-36.
81. S. Budoace, V. Cîmpeanu, V. Pârvulescu, M. A. Centeno, P. Grange, V. I. Pârvulescu Chemoselective oxidation of 2-thiomethyl-4,6-dimethyl-pyrimidine on nanostructured tantalum oxides, Catal. Today, 91-92 (2004) 221-225.
82. C. Paun, S. Boghosian, V. Pârvulescu, Ph. Massiot, M. A. Centeno, P. Grange, V. I. Pârvulescu, New vanadia-mesoporous catalysts for the oxidation of SO₂ in diluted gases, Catal. Today, 91-92 (2004) 35-39.
83. M. Musteata, V. Musteata, V. David, A. Medvedovici, B. Gagea, V. I. Pârvulescu, Heterogeneous synthesis of amido-type surfactants for bitumenes, C. R. Chimie, 7 (2004) 623-628..

84. V. Cimpeanu, V. I. Pârvulescu P. Amoros, D. Beltran, S. Johnson, C. Hardacre, Heterogeneous oxidation of pyrimidine- and alkylthioethers in ionic liquids over mesoporous Ti and Ti, Ge catalysts, Chem., Eur. J., 10 (2004) 4640-4646.
85. F. Iosif, S. Coman, V. I. Pârvulescu, P. Grange, S. Delsarte, D. De Vos, P. A. Jacobs, Ir-Beta zeolite as a heterogeneous catalyst for the one-pot transformation of citronellal to menthol, Chem. Commun., (2004) 1292-1293.
86. I. Giakoumelou, V.I. Pârvulescu, S Boghosian, Oxidation of sulfur dioxide over supported solid V₂O₅/SiO₂ and supported molten salt V₂O₅-Cs₂SO₄/SiO₂ catalysts: Molecular structure and reactivity, J. Catal., 225 (2004) 337-349.
87. S. M. Coman, A. Dobre, M. D. Banciu, A. Petride, C. Cimpeanu, G. Poncelet, V.I. Pârvulescu, Transformation of 5-hydroxymethylene-5H-6,7-dihydrodibenzo[a,c]cyclohepten -6-one over Ru-containing BEA zeolites, J. Mol. Catal., A: Chemical, 220 (2004) 257-265.
88. I. Mandache, V.I. Pârvulescu, A. Popescu, L. Pârvulescu, M. D. Banciu, P. Amoros, D. Beltran, D. Trong On, S. Kaliaguine, Epoxidation of dibenzocycloalkenes on Ti-Ge-MCM-41 and Ti-SBA-15 catalysts, Microp. Mesop. Mater., 81 (2005) 115-124.
89. V Cimpeanu, A N. Parvulescu, V.I. Pârvulescu, D.T On, S Kaliaguine, J M Thompson, C. Hardacre, Liquid-phase oxidation of a pyrimidine thioether on Ti-SBA-15 and UL-TS-1 catalysts in ionic liquids, J. Catal., 232 (2005) 60-67.
90. M. Alifanti, M. Florea, S. Somacescu, V.I. Pârvulescu, Supported Perovskites for total oxidation of toluene, Appl. Catal. B: Environmental, 60 (2005) 33-39.
91. C.M. Visinescu, R. Sanjines, F. Lévy, V.I. Pârvulescu, Photocatalytic degradation of acetone by Ni-doped titania thin films prepared by dc reactive sputtering, Appl. Catal. B: Environmental, 60 (2005) 155-162.
92. C.M. Visinescu, R. Sanjines, F. Lévy, V. Marcu, V.I. Pârvulescu, Tantalum doped titania photocatalysts: preparation by dc reactive sputtering and catalytic behavior, J. Photochem. Photobiol., 174 (2005) 106-112.
93. V. Cimpeanu, C. Hardacre, V.I. Pârvulescu, J. Thompson, Stabilization of Ti-molecular sieves catalysts used in the selective sulfoxidation reactions by Ionic Liquids, Green Chem., 7 (2005) 326-332.
94. D.C. Radu, S.M. Coman, V.I. Pârvulescu, D. De Vos, P.A. Jacobs, Z. Sobalik, Investigation of acidic properties of Ir-*BEA zeolites by Py-, DTBP-, and Qu-FTIR, in Molecular Sieves: from Basic reasearch to Industrial Applications, J. Cejka, N. Zilkova, P. Nachtingall (Eds), Stud. Surf. Sci. Catal., 158 (2005) 909-916..
95. M. Magureanu, N.B. Mandache, P. Elloy, E.M. Gaigneaux, V.I. Pârvulescu, Plasma-assisted catalysis for volatile organic compounds abatement, Appl. Catal. B: Environmental, 61 (2005) 12-20.
96. A. N. Pârvulescu, G. Marin, K. Suwinska, V.Ch. Kravtsov, M. Andruh, V. Pârvulescu, V.I. Pârvulescu, A polynuclear complex, {[Cu(bpe)₂](NO₃)}, with interpenetrated diamondoid networks: synthesis, properties and catalytic behavior, J. Mater. Chem., 15 (2005) 4234-4240.

97. V. Cimpeanu, V. Pârvulescu, V. I. Pârvulescu, M. Capron, P. Granger, J. M. Thompson, and C. Hardacre, Selective oxidation of a pyrimidine thioether using supported tantalum catalysts in ionic liquids, J. Catal., 235 (2005) 184-194.
98. B. C. Gagea, A. N. Pârvulescu, G. Poncelet, V. I. Pârvulescu, Alkylation of hydroquinone with tert-butanol over silica-immobilized triflate derivatives, Catal. Lett., 105 (2005) 219-222.
99. A. N. Pârvulescu, B. C. Gagea, G. Poncelet, V. I. Pârvulescu, Acylation of alcohols and activated aromatic compounds on silica embedded triflate catalysts, Appl. Catal. A: General, 301 (2006) 133-137.
100. M. Alifanti, M. Florea, V. Cortes-Corberan, U. Endruschat, B. Delmon, V. I. Pârvulescu, Effect of LaCoO₃ perovskite deposition on ceria based supports on total oxidation of VOC, Catal. Today, 112 (2006) 169–173.
101. M. Florea, A-S. Mamede, P. Eloy, V.I. Parvulescu, E. M. Gaigneaux High surface Mo-V-Nb-Te-O catalysts: preparation, characterization and catalytic behaviour in ammoxidation of propane, Catal. Today, 112 (2006) 139–142.
102. V. I. Pârvulescu, V. Pârvulescu, U. Endruschat, G. Filoti, F. E. Wagner, C. Kübel, R. Richards, Characterization and catalytic hydrogenation behavior of SiO₂-embedded nanoscopic Pd, Au and Pd-Au alloy colloids, Chem., Eur. J., 12 (2006) 2343 – 2357.
103. V. Cimpeanu, V. Pârvulescu, V.I. Pârvulescu, J. M Thompson, C. Hardacre, Thioethers oxidation on dispersed Ta-silica mesoporous catalysts in ionic liquids, Catal. Today, 117(2006) 126-132.
104. M. Alifanti, M. Florea, G. Filotti, V. Kuncser, V. Cortes-Corberan, V.I. Parvulescu, In Situ Structural Changes During Toluene Complete Oxidation on Supported EuCoO₃ Monitored with ¹⁵¹Eu Mössbauer Spectroscopy, Catal. Today, 117 (2006) 329-336.
105. M. Magureanu, N.B. Mandache, E.M. Gaigneaux, C. Paun, V.I. Pârvulescu, Toluene oxidation in a plasma-catalytic system, J. Appl. Phys., 99 (2006) 301-308.
106. K. Kranjc, M. Kočevar, F. Iosif, S. M. Coman, V. I. Parvulescu, E. Genin, J.-P. Genêt, V. Michelet, Efficient and Green Access to Functionalized and Highly Constrained Heteropolycyclic Derivatives via Microwave-Accelerated Diels-Alder Cycloaddition and Heterogeneous Hydrogenation Sequence, Synlett (2006) 1075-1079.
107. D. Carriazo, C. Martín, V. Rives, A. Popescu, B. Cojocar, I. Mandache, V. I. Pârvulescu, Hydrotalcites Compositio as Catalysts: Preparation and their behavior on epoxidation of two bicycloalkenes, Micropor. & Mesopor. Mater., 95 (2006) 39-47.
108. V.I. Parvulescu, C. Visinescu, V. Parvulescu, V. Marcu, Francis Levy, Comparative photocatalytic behavior of Ta catalysts prepared by DC-sputtering, sol-gel and grafting in acetone degradation, Catal. Today, 118 (2006) 433.
109. A. N. Pârvulescu, B. C. Gagea, V. I. Pârvulescu, D. De Vos, P.A. Jacobs, Acylation of 2-methoxynaphthalene with acetic anhydride over silica-embedded triflate catalysts, Appl. Catal. A: General, 306 (2006) 159-164.
110. M. Magureanu, N. Mandache, V.I. Pârvulescu, Chlorinated organic compounds decomposition by non-thermal plasma, Plasma Chemistry and Plasma Processing, 27 (2007), 679-690.

- 111.C. Tiseanu, M.U. Kumke, V.I. Parvulescu, A. Gessner, B. Gagea, J. Martens Photoluminescence Response of Terbium-Exchanged MFI-Type Materials to Si/Al Ratio, Texture and Hydration State, J. Phys. Chem. B, 110 (2006) 25707-25715.
112. A. Ion, V.I. Pârvulescu, P.A. Jacobs, D. DeVos, Synthesis of symmetrical or asymmetrical urea compounds from CO₂ via base catalysis, Green Chem., 9 (2007) 158-161.
113. M. Florea, E.M. Gaigneaux, V.I. Pârvulescu, Preparation of Mo-V-Te-Nb mixed oxides using the template route, in Scientific Bases for the Preparation of Heterogeneous Catalysts, E. M. Gaigneaux, M. Devillers, D.E. de Vos, S. Hermans, P.A. Jacobs, J.A. Martens, P. Ruiz (Eds.), Stud. Surf. Sci. Catal. 162 (2006) 769-776.
- 114.M. Alifanti, M. Florea, V.I. Parvulescu, Ceria based oxides as supports for LaCoO₃ perovskite; catalysts for total oxidation of VOC, Appl. Catal. B: Environmental, 70 (2007) 400-405.
- 115.C. Paun, J. Barklie, P. Goodrich, H. Q. N. Gunaratne, A. McKeown, V. I. Pârvulescu, C. Hardacre, Supported and liquid phase task specific ionic liquids for base catalysed Knoevenagel reactions, J. Mol. Catal. A: Chem., 269 (2007) 64-71.
- 116.V Cimpeanu, F. Bertinchamps, E. M. Gaigneaux, V. I. Pârvulescu, The role of crystalline structure of molybdenum oxide catalysts onto the activity and stability in sulfoxidation of thioethers, Appl. Catal. A: General, 325 (2007) 283-289.
117. C. Tiseanu, M.U. Kumke, V. I. Pârvulescu, A.S.R. Koti, B.C. Gagea, J.A. Martens, Time-resolved photoluminescence of terbium-doped microporous-mesoporous Zeolite-1 materials, J. Photochem. Photobiol., A: Chem. 187 (2007), 299-304.
118. S.Doherty, P. Goodrich, C. Hardacre, J.G. Knight, M.T. Nguyen, V. I. Pârvulescu, C. Paun, Recyclable Copper Catalysts based on Imidazolium-Tagged Bis(oxazolines): A Marked Enhancement in Rate and Enantioselectivity for Diels-Alder Reactions in Ionic Liquids, Adv. Synth. Catal. 349 (2007) 951-963.
119. V. I. Pârvulescu, V. Parvulescu, U. Endruschat, P. Granger, R. Richards, Mesoporous Pt-SiO₂ and Pt-SiO₂-Ta₂O₅ catalysts prepared using Pt colloids as templates, ChemPhysChem 8 (2007) 666-678.
120. C. Tiseanu, B. Gagea, V. I. Pârvulescu, V. Lorenz-Fonfria, A. Gessner, M.U. Kumke, Investigation of the Hydrophobization Efficiency of Terbium-Exchanged BEA Zeolites by Means of FT-IR, TGA, Physical Adsorption, and Time-Resolved Photoluminescence, Langmuir 23 (2007) 6781-6787.
121. L. Frunza, A. Schoenhals, S. Frunza, V.I. Parvulescu, B. Cojocaru, D. Carriazo, C. Martin, V. Rives, Rotational Fluctuations of Water Confined to Layered Oxide Materials: Nonmonotonous Temperature Dependence of Relaxation Times, J. Phys. Chem. A 111 (2007) 5166-5175.
- 122.S. M. Coman, M. Florea, V.I. Parvulescu, V. David, A. Medvedovici, D. De Vos, P.A. Jacobs, G. Poncelet, P.Grango, Metal-triflate ionic liquid systems immobilized onto mesoporous MS41 materials as new and efficient catalysts for N-acylation, J. Catal. 249 (2007) 359-369.
123. M.Magureanu, N.B. Mandache, V.I. Parvulescu, Ch. Subrahmanyam, A. Renken, L. Kiwi-Minsker, Improved performance of non-thermal plasma reactor during decomposition of trichloroethylene: Optimization of the reactor geometry and introduction of catalytic electrode, Appl. Catal. B: Environmental, 74 (2007) 270-277.
124. C. Tiseanu, M.U. Kumke, V.I. Parvulescu, B.C. Gagea, J.A. Martens, Comparative time-resolved luminescence studies of Tb-ZSM-5 and Tb-MFI mesoporous materials, in

- Recent Progress in Mesosstructured Materials, D. Zhao, S. Qiu, Y. Tang and C. Yu (Eds.), Stud. Surf. Sci. Catal. 165 (2007) 531-534.
125. M. Musteata, V. Musteata, A. Dinu, V.I. Parvulescu, V.T. Hoang, D. Trong-On, S. Kaliaguine, Acylation of fatty acids with amino-alcohols on UL-MFI type materials, in Recent Progress in Mesosstructured Materials, D. Zhao, S. Qiu, Y. Tang and C. Yu (Eds.), Stud. Surf. Sci. Catal. 165 (2007) 535-538.
126. F. Iosif, V.I. Parvulescu, M. E. Perez-Bernal, R.J. Ruano-Casero, V. Rives, K. Kranjc, S. Polanc, M. Kocevar, E. Genin, J.-P. Genet, V. Michelet, Heterogeneous hydrogenation of bicyclo[2.2.2]octenes on Rh/TPPTS/LDH catalysts, J. Mol. Catal. A: Chem. 276 (2007) 34-40
127. M. Magureanu, N. Mandache, B. Nicolae, V.I. Parvulescu, Degradation of organic dyes in water by electrical discharges, Plasma Chem. & Plasma Proc., 27 (2007) 589-598.
128. S.M. Coman, G. Pop, C. Stere, V.I. Parvulescu, J. El Haskouri, D. Beltrán, P. Amorós, New heterogeneous catalysts for greener routes in the synthesis of fine chemicals, J. Catal. 251 (2007) 388-399.
129. M. Magureanu, N. B. Mandache, J. Hu, R. Richards, M. Florea, V.I. Parvulescu, Plasma-assisted catalysis total oxidation of trichloroethylene over gold nano-particles embedded in SBA-15 catalysts, Appl. Catal. B: Environmental 76 (2007) 275-281
130. M. Musteata, V. Musteata, A. Dinu, M. Florea, V.-T. Hoang, D. Trong-On, S. Kaliaguine, V. I. Parvulescu, Acylation of different amino derivatives with fatty acids on UL-MFI-type catalysts, Pure & Appl. Chem. 79 (2007) 2059-2068.
131. L. Mantarosie, S. Coman, V.I. Parvulescu, Comparative behavior of various lipases in benign water and ionic liquids solvents, J. Mol. Catal. A: Chemical 279 (2008) 223-229.
132. A. Ion, Ch. van Doorslaer, V.I. Parvulescu, P. Jacobs, D. De Vos, Green synthesis of carbamates from CO₂, amines and alcohols. Green Chem. 10 (2008) 111-116.
133. C. Paun, S.M. Coman, V. I. Parvulescu, C. Hardacre, P. Goodrich, Acylation of sulfonamides using silica grafted 1-butyl-3-(3-triethoxysilylpropyl)-4,5-dihydroimidazolium ionic liquids as catalysts, Catal. Today, 131 (2008) 98-103.
134. C. Tiseanu, A. Gessner, M. Kumke, B. Gagea, V.I. Parvulescu, J. Martens, Photoluminescence spectra and dynamics of lanthanide-doped microporous-mesoporous materials, J. Lumin. 128 (2008) 751-753.
135. B. Cojocaru, M. Laferriere, E. Carbonell, V.I. Parvulescu, H. Garcia, J.C. Scaiano, Direct Time-Resolved Detection of Singlet Oxygen in Zeolite-Based Photocatalysts. Langmuir, 24 (2008) 4478-4481.
136. M. Verziu, B. Cojocaru, J. Hu, R. Richards, C. Ciuculescu, P. Filip, V.I. Parvulescu, Sunflower and rapeseed oil transesterification to biodiesel over different nanocrystalline MgO catalysts, Green Chem. 10 (2008) 373-381.
137. F. Neatu, A. Kraynov, V.I. Parvulescu, K. Kranjc, M. Kocevar, V. Ratovelomanana-Vidal, R. Richards, Synphos modified Pt nanoclusters, their heterogenization by silica sol-gel entrapment, and catalytic activity in hydrogenolysis of bicyclo[2.2.2]oct-7-enes and hydrogenation of ethyl pyruvate, Nanotechnology 19 (2008) 225702/1-225702/8.
138. A.S. Mamede, E. Payen, P. Granger, M. Florea, V.I. Parvulescu, WO_x-CeO₂ and WO_x-Nb₂O₅ catalysts deactivation during hexane isomerization, AIChE J., 54 (2008) 1303-1312.
139. S. Doherty, P. Goodrich, C. Hardacre, V.I. Parvulescu, C. Paun, Efficient heterogeneous asymmetric catalysis of the Mukaiyama aldol reaction by silica- and ionic liquid-supported Lewis acid copper(II) complexes of bis(oxazolines), Adv. Synth. & Catal. 350 (2008) 295-302.

140. B. Cojocaru, V.I. Parvulescu, E. Preda, G. Iepure, V. Somoghi, E. Carbonell, M. Alvaro, H. Garcia, Sensitizers on Inorganic Carriers for Decomposition of the Chemical Warfare Agent Yperite, Environ. Sci. & Technol. 42 (2008) 4908-4913.
141. Z. Li, Ch. Kubel, V.I. Parvulescu, R. Richards, Size Tunable Gold Nanorods Evenly Distributed in the Channels of Mesoporous Silica, ACS Nano 2 (2008) 1205-1212.
142. F. Neațu, A. Kraynov, L. D'Souza, V.I. Pârvulescu, K. Kranjc, M. Kočevar, V. Kuncser, R. Richards, Iron oxide colloids and their heterogenization by silica sol-gel entrapment: Catalytic and magnetic properties, Appl. Catal. A: General 346 (2008) 28-35.
143. C. Tiseanu, M.U. Kumke, V.I. Parvulescu, A. Gessner, B. Gagea, J. Martens, Europium(3+): An Efficient Luminescence Probe for the Si to Al Ratio and Silylation Effects in the Microporous-Mesoporous Zeogrid Materials, J. Phys. Chem. B 112 (2008) 10552-10562.
144. C. Tiseanu, V.A. Lorenz-Fonfria, V.I. Parvulescu, A. Gessner, M.U. Kumke, Photoluminescence study of terbium-exchanged ultrastable Y zeolites: Number of species, photoluminescence decays, and decay-associated spectra, J. Appl. Phys. 104 (2008) 033530/1-033530/9.
145. F. Neatu, K. Triantafyllidis, J.-P. Genet, V. Michelet, V.I. Parvulescu, Rh-TPPTS/LDH- A new heterogeneous catalyst for the synthesis of functionalized γ -lactone, in "Zeolites and Related Materials: Trends, Targets and Challenges", A. Gedeon, P. Massiani, F. Babonneau, Stud. Surf. Sci. Catal. 174 (2008) 1057-1062.
146. S. Neatu, V.I. Parvulescu, G. Epure, E. Preda, V. Somoghi, A. Damin, S. Bordiga, A. Zecchina, Photo-degradation of yperite over V, Fe and Mn-doped titania-silica photocatalysts, Phys. Chem. Chem. Phys. 10 (2008) 6562-6570.
147. F. Neatu, Z. Li, R. Richards, P.Y. Toullec, J.-P. Genet, K. Dumbuya, M.J. Gottfried, H.P. Steinrueck, V.I. Parvulescu, V. Michelet, Heterogeneous gold catalysts for efficient access to functionalized lactones, Chem. Eur. J. 14 (2008) 9412-9418.
148. F. Neatu, M. Besnea, V.G. Komvokis, J.-P. Genet, V. Michelet, K.S. Triantafyllidis, V.I. Parvulescu, Hydrotalcite docked Rh-TPPTS complexes as efficient catalysts for the arylation of 2-cyclohexen-1-one in neat water, Catal. Today 139 (2008) 161-167.
149. M. Magureanu, D. Piroi, N. B. Mandache, V.I. Parvulescu, Decomposition of methylene blue in water using a dielectric barrier discharge: Optimization of the operating parameters, J. Appl. Phys. 104 (2008) 103306/1-7.
150. M. Magureanu, D. Piroi, F. Gherendi, N. B. Mandache, V.I. Parvulescu, Decomposition of Methylene Blue in Water by Corona Discharges, Plasma Chem Plasma Process. 28 (2008) 677-688.
151. P. Goodrich, C. Hardacre, C. Paun, V. I. Parvulescu, I. Podolean, Ionic Liquid Effect on the Reversal of Configuration for the Magnesium(II) and Copper(II) Bis(oxazoline)-Catalysed Enantioselective Diels-Alder Reaction, Adv. Synth. Catal. 2008, 350, 2473 - 2476.
152. S. Neatu, E. Sacaliuc-Parvulescu, F. Levy, V.I. Parvulescu, Photocatalytic decomposition of acetone over dc-magnetron sputtering supported vanadia/TiO₂ catalysts, Catal. Today 142 (2009) 165-169.
153. V. Cimpanu, M. Kocevar, V.I. Parvulescu, W. Leitner, Preparation of Rhodium Nanoparticles in Carbon Dioxide Induced Ionic Liquids and their Application to Selective Hydrogenation, Angew. Chem. Int. Ed., 48 (2009) 1085 -1088.
154. F. Neațu, V.I. Pârvulescu, V. Michelet, J.-P. Gênet, A. Goguet, C. Hardacre, Gold imidazolium-based ionic liquids, efficient catalysts for cycloisomerization of α -acetylenic carboxylic acids, New J. Chem., 33 (2009) 102-106.

155. F. Neatu, Z. Li, R. Richards, P.Y. Toullec, J.-P. Genet, K. Dumbuya, M.J. Gottfried, H.P. Steinrueck, V.I. Parvulescu, V. Michelet, Heterogeneous gold catalysts for efficient access to functionalized lactones, Synfacts 1 (2009) 0114-0114.
156. S. M. Coman, C. Stere, J. El Haskouri, D. Beltran, P. Amoros, V. I. Parvulescu, „Green” Acylation of Aromatic Sulfonamides in Heterogeneous Catalysis, Catalysis of Organic Reactions, M.L. Prunier (Ed.), Taylor and Francis Group, Boca Raton, 2009, p. 425-434, Chem. Ind. 123 (2009) 425-434.
157. M. Florea, M. Alifanti, V. I. Parvulescu, D. Mihaila-Tarabaseanu, L. Diamandescu, M. Feder, C. Negrila, L. Frunza, Total oxidation of toluene on ferrite-type catalysts, Catal. Today, 141 (2009) 361-366.
158. M. Verziu, M. Florea, S. Simon, V. Simon, P. Filip, V.I. Parvulescu, C. Hardacre, Transesterification of vegetable oils on basic large mesoporous alumina supported alkaline fluorides—Evidences of the nature of the active site and catalytic performances, J. Catal. 263 (2009) 56–66.
159. C. Tiseanu, V.I. Parvulescu, M.U. Kumke, S. Dobroiu, A. Gessner, S. Simon, Effects of Support and Ligand on the Photoluminescence Properties of Siliceous Grafted Europium Complexes, J. Phys. Chem. C 113 (2009) 5784-5791.
160. B. Cojocaru, Ş. Neaţu, V.I. Pârvescu, K. Dumbuya, H.-P. Steinrück, J.M. Gottfried, C. Aprile, H. Garcia, J.C. Scaiano, Band gap effect on the photocatalytic activity of supramolecular structures obtained by entrapping photosensitizers in different inorganic supports, Phys. Chem. Chem. Phys., 11 (2009) 5569-5577.
161. C. Tiseanu, M.U. Kumke, V.I. Parvulescu, J. Martens, Species-related luminescence-structure relationships in europium-exchanged mesoporous material, J. Appl. Phys. 105 (2009) 063521/1-063521/8.
162. M. Alifanti, G. Bueno, V. Parvulescu, V.I. Parvulescu, V. Cortes Corberan, Oxidation of ethane on high specific surface SmCoO₃ and PrCoO₃ perovskites, Catal. Today 143 (2009) 309–314.
163. B. Cojocaru, S. Neatu, V.I. Parvulescu, V. Somoghi, N. Petrea, G. Epure, M. Alvaro, H. Garcia, Synergism of activated carbon and undoped and N-doped TiO₂ in the photocatalytic degradation of chemical warfare soman, VX and yperite, ChemSusChem 2 (2009) 427-436.
164. N. Candu, S. Coman, V.I. Parvulescu, J. Haskouri, P. Amoros, D. Beltran, Metal Triflates Incorporated in Mesoporous Catalysts for Green Synthesis of Fine Chemicals, Top. Catal. 52 (2009) 571-578.
165. V.I. Parvulescu, S.M. Coman, N. Candu, J. El Haskouri, D. Beltran, P. Amoros, Synthesis, characterization and catalytic behavior of SnTf/MCM-41 and SnTf/UVM-7 as new green catalysts for etherification reactions, J. Mater. Sci. 44 (2009):6693–6700.
166. F. Neatu, S. Coman, V.I. Parvulescu, G. Poncelet, D. De Vos, P. Jacobs, Heterogeneous Catalytic Transformation of Citronellal to Menthol in a Single Step on Ir-Beta Zeolite Catalysts, Top. Catal. 52 (2009) 1292-1300.
167. A. Ion, V.I. Parvulescu, P. Jacobs, D. de Vos, Sc and Zn-catalyzed synthesis of cyclic carbonates from CO₂ and epoxides, Appl. Catal., A: General (2009), 363(1-2), 40-44.
168. S. Neatu, V.I. Parvulescu, G. Epure, N. Petrea, V. Somoghi, G. Ricchiardi, S. Bordiga, A. Zecchina, M/TiO₂/SiO₂ (M = Fe, Mn, and V) catalysts in photo-decomposition of sulfur mustard Appl. Catal. B: Environ. 91 (2009) 546–553.
169. J. Hren, F. Pozgan, A. Bunic, V.I. Parvulescu, S. Polanc, M. Koccevar, An expeditious synthesis of b-pyrimidyl-a,b-didehydro-a-amino acid derivatives and pyrano[2,3-d]pyrimidines using microwave-assisted conditions, Tetrahedron 65 (2009) 8216–8221.

170. F. Neatu, P.Y. Toullec, V. Michelet, V.I. Parvulescu, Heterogeneous Au and Rh catalysts for cycloisomerization reactions of γ -acetylenic carboxylic acids, Pure & Appl. Chem. 81 (2009) 2387-2396.
171. N. Candu, S.M. Coman, V.I. Parvulescu, J. El Haskouri, P. Amoros, D. Beltran, Synthesis, characterization and catalytic behavior of AlTf/UVM-7 as new green catalysts for the glycols etherification reactions, Appl. Catal. A: General 372 (2010) 58–66.
172. S.M. Coman, V.I. Parvulescu, S. Wuttke, E. Kemnitz, Synthesis of Vitamin K1 and K1-Chromanol by Friedel–Crafts Alkylation in Heterogeneous Catalysis, ChemCatChem 2 (2010) 92–97.

Key and Plenary lectures in international conferences

1. S. Coman, Ch. Danumah, V. I. Pârvulescu and S. Kaliaguine, Diastereoselective Hydrogenation of Prostaglandin Intermediates over Micro- and Mesoporous Molecular Sieves Supported Ruthenium, 17th North American Catalysis Society Meeting, June 3-8, 2001, Toronto, Canada, Abstract book p.249.
2. S. Coman, V. I. Pârvulescu, D. De Vos and P. A. Jacobs, Factors controlling the diastereoselectivity in catalytic hydrogenation of enones, Proceedings of the Workshop entitled: Catalyst Heterogeneization for Basic and Fine Chemicals, Oostende, Belgium, October 19-20, 2000, D. De Vos and P. A. Jacobs (Eds.), p. 8-9.
3. S. Coman and V. I. Pârvulescu, Exo and Endo Selectivity In Heterogeneous Diastereoselective Hydrogenation of Large Enones STEREOCAT 2002- Stereoselective Transition Metal-Catalysed Reactions, Dublin, Ireland, September 12-15, 2002, P. Guiry (Ed.), Abstract book, p. C6.
8. V. I. Pârvulescu, G. Buono, R. Richards, D. De Vos and P. A. Jacobs, Heterogeneous Stereoselective Hydrogenation of α , β - Unsaturated Ketones, Organic Transformations, Selective Processes and Asymmetric Catalysis, Arcachon, France, September 25-29, P. Renaud, M. Kocevar and Y. Landais (Eds.), Abstract book, p. KL17.
9. P. A. Jacobs, M. De bruyn, V. I. Pârvulescu, S. Wuyts, D. E. De Vos, Zeolites and related materials in stereoselective synthesis: chemoselective hydrogenation of α , β - unsaturated ketones and dynamic kinetic resolution with an enzyme/zeolite combination, STEREOCAT 2003, Rome-Villa Mondragone, Italy, October 9-12, 2003, V. Conte (Ed.), Abstract book, p. 23.
10. M. Magureanu, N. B. Mandache, V. I. Pârvulescu, Plasma-assisted catalysis for volatile organic compounds abatement, 10th NICE Workshop on „Non-thermal Induction of Catalysis”, Frankfurt am Main, November 6-7, 2003, A. Forster
11. V.I. Parvulescu, Preparative tools to control the location and size of nanoxide catalysts, Fourth Workshop of the European Union Coordination Action CONCORDE: “Coordination of Nanostructured Catalytic Oxides Research and Deveopment in Europe”, February 24-25, 2006, Cracow, Poland.

10. F. Iosif, V. I. Parvulescu, Catalysts for hydrogenation of dehydroamino acid derivatives, Stereocat 2006, September 21-23, 2006, Lisbon, Portugal.
12. V. I. Parvulescu, Asymmetric hydrogenation reactions on heterogeneous catalysts, Workshop Heterogeneous Enantioselective Catalysis, October 19-20, 2006, Bremen, Germany.
13. C. Hardacre, C. Paun, V.I. Parvulescu, P. Goodrich, S. Doherty, Supported Ionic Liquid Phase Catalysts for Fine Chemical Synthesis, ICC 14 Pre-Symposium, 50th Anniversary of the Catalysis Society of Japan, July 8-12, 2008, Kyoto, Japan.
14. V.I. Parvulescu, Preparative tools to control the location and size of nano-oxide catalysts, Tenth International Symposium on Heterogeneous Catalysis, 23–27 August 2008, Varna, Bulgaria
15. V.I. Parvulescu, Synthesis of fine chemicals using different catalytic systems and different media, 18th International Symposium on Fine Chemistry and Functional Polymers (FCFP-XVIII) & IUPAC 4th International Symposium on Novel Materials and Synthesis (NMS-IV), October 15~18, 2008, Zhenjiang, China
16. V.I. Parvulescu, M. Magureanu, P. Granger Active Nano-structures for deNO_x and VOC oxidation, International Conference on Catalysis for Environment: Depollution, Clean Fuels and Sustainable Energy, September 9-13, 2009, Zakopane, Poland
17. V. I. Parvulescu, Hydrogenation of bicycle[2.2.2] octenes: a very exciting and exhausting goal!, Solvenski kemijski dnevi 2009 (International Conference of the Slovenian Chemical Society), September 24-26, 2009, Maribor, Slovenia

Papers in Proceedings of the International Conferences and Congress

1. I.V.Nicolescu, V.Pârvulescu, Xu Yandong and I.Sândulescu, Selectivity and Kinetics of Styrene Hydrogenation over Pd-M/ γ -Al₂O₃ Catalysts, Proc.V-th International Symposium of Heterogeneous Catalysis, Varna, 1983, part . I,p.321.
2. I.Sândulescu, V.Pârvulescu and Xu Yandong, Styrene Hydrogenation on Mono and Bimetallic Supported on γ -Al₂O₃ Catalysts, Proc. 9-th Iberoamerican Symposium of Catalysis, Lisboa, 1984, vol.I, p.807.
3. I.V.Nicolescu, V.Pârvulescu, V.Pârvulescu, I.Sândulescu and Em.Angelescu, A Method for Controlling the Second Metal Distribution within the Pd/ γ -Al₂O₃ Catalyst Support, Scientific Bases for the Preparation of Heterogeneous Catalysts - Fifth International Symposium, September 3-6, 1990, Louvain-la-Neuve.
4. V.Pârvulescu, D.Macovei, M.Bîrjega, I.Sândulescu and Em.Angelescu, Influence of the Interaction of supported Components and Support upon Activity and Selectivity of Pd-M/ γ -Al₂O₃ catalysts (M=Sm, Ho, Tm), Proc. 7-th International Symposium of Heterogeneous Catalysis, Bourgos, 1991, part. I, p.103.
5. C.Sârbu, V.Pârvulescu, F.Vasiliu and D.Bojin, Investigation of Structural Modifications

- Induced by Laser Irradiation in Polycrystalline Cerium Dioxide, Proc. 10-th European Congress on Electron Microscopy, Granada, Spain, 7-11 Sept.1992, Vol.II. Material Sciences, Edited by A.Lopez-Gatindi and M.I.Rochiguez-Garda, p.461.
6. V.Pârvulescu, V.Pârvulescu, L.Teodorescu, M.Vass and C.Luca, Hydroxylation of Toluene in the Two-phase System Catalysed by Synthetic Porphyrines, II World & IV European Workingshop Meeting "New Developments in Selective Oxidation", Benaldamena, Malaga, Spain, 20-24 Sept. 1993, V.Cortes Corberan and S.Vic Bellon (Eds.), p.p.6-1.
 7. L.Frunzã, V.Pârvulescu, G.Catanã, R.Russu and G.Gheorghe, On the Surface Groups into Pentasil Samples Modified with Ga, In or Tl, Proc. International Symposium on Zeolites and Microporous Crystals, ZMPC-93, Nagoya, Japan, August 22-25, 1993, Izumi et al. (Eds.), p.161.
 8. V.Pârvulescu, V.Pârvulescu, I.Sãndulescu, J.Margitfalvi, S.Gobolos and M.Hegedus, Vinyl-and Alkylbenzenes Hydrogenation on Supported Pd and Pd-Li/ γ -Al₂O₃ Catalysts, EuropaCat-1, Montpellier, September 12-17, 1993, F.Figueras (Ed.), p. 626.
 9. V.Pârvulescu, G.Popescu, C.Oprea, Em.Angelescu and V.I.Pârvulescu, Oxidation of Alcohols in Membrane Reactors, EuropaCat-1, Montpellier, September 12-17, 1993, F.Figueras (Ed.), p.379.
 10. Em.Angelescu, G.Pop, V.Pârvulescu, F.Constantinescu, V.Dima, G.Gheorghe and G.Muscã, Catalytic Conversion of n-Butane and n-Butene over HZSM-5 Zeolites Modified by M₂O₃ (M=Ga, In,Tl), EuropaCat-1, Montpellier, September 12-17, 1993, F.Figueras (Ed.), p.98.
 11. V.Pârvulescu, V.I.Pârvulescu, Em.Angelescu and G.Popescu, Mass Transfer and Reaction in the Catalytic Reactor with Non-Permselective Membrane, Inorganic Membranes, ICIM₃ '94, Proc.Third International Conference of Inorganic Membranes, Worchester, July 10-14, 1994, Y.H.Ma et al.(Eds.), p.571-574.
 12. V.Pârvulescu, V.I.Pârvulescu, G.Popescu, A.Julbe, C.Guizard and L.Cot, Gas-Solid Oxidations with RuO₂-TiO₂ and RuO₂-SiO₂ Membranes, Proc. First International Workshop on Catalytic Membranes, Lyon,September 26-29, 1994, J.A.Dalmon (Ed.), p.P6.
 13. V.I.Pârvulescu, N.Grecu, L.Frunzã, R.Bîrjega, S.Coman, V.David, V.Pârvulescu and R.Russu, Hydroxylation of Benzene and Toluene using Bi Containing ZSM-5 Zeolites as Catalysts, in Zeolites and Related Microporous Materials, State of the Art 1994, Recent Reports ,Part D, J.Weitkamp, H.G.Karge, H.Pfeifer and W.Holderich (Eds.), Elsevier, 1994.
 - 14.L.Frunzã, R.Russu, G.Catanã, V.Pârvulescu, G.Gheorghe, F.Constantinescu and V.I.Pârvulescu, Characterisation of ZSM-5 Samples Modified by Ions of Group IIIA, in Zeolites and Related Microporous Materials, State of the Art 1994, Recent Reports, Part D, J.Weitkamp, H.G.Karge, H.Pfeifer and W.Holderich (Eds.), Elsevier, 1994.
 15. E.Moreh, O.Seicaru, L.Frunzã, F.Tiu and V.I.Pârvulescu, Zeolite Type Catalysts for Oxidation of SO₂ Contained in Emissions from Non-Ferrous Metalurgy, Proc. TOCAT-2, Tokyo, August 21-26,1994, Y.Ono et al.(Eds.), p.295-296.
 16. V.I.Pârvulescu, V.Pârvulescu, S.Coman, C.Radu, D.Macovei, Em.Angelescu and R.Russu, Modified Ruthenium-Exchanged Zeolites for Enantioselective Hydrogenation, Proc. VI International Symposium on Preparation of Catalysts, Louvain-la-Neuve, September 6-9, 1994, G.Poncelet et al. (Eds.), p.155-164.
 17. V.Pârvulescu and V.I.Pârvulescu, Oxidation of Isopropylic Alcohol Catalysed by Ruthenium or Copper Supported on Organic Resins, Proc.8-th International Symposium

- on Relations between Homogeneous and Heterogeneous Catalysis, Balatonfured, September 10-14, 1995, L.Guczi (Ed.), p.P40.
18. P.Oelker, V.Pârvulescu, P.Gränge and B.Delmon, Co-exchanged Sm/Cu/ZSM-5 Zeolites and their Activity for NO Decomposition, Proc. Europacat II Conference, Maastricht, September 3-8, 1995, J.W.Geus (Ed.), 312.
 19. V.Pârvulescu, L.Frunzã, R.Russu, D.Dumitriu and V.I.Pârvulescu, Textural Modifications and Acido-basic Properties Induced by Introduction of Bismuth in a ZSM-5 Framework, Proc. Europacat II Conference, Maastricht, September 3-8, 1995, J.W.Geus (Ed.), 406.
 20. V.Pârvulescu, V.I.Pârvulescu, G.Popescu, A.Julbe, C.Guizard and L.Cot, The Effect of RuO₂-TiO₂ Layer Distribution on the Performances of Catalytic Membrane Reactor, Proc. Europacat II Conference, Maastricht, September 3-8, 1995, J.W.Geus (Ed.), 535.
 21. S.Coman, M.Banciu, V.Pârvulescu, R.Russu, Em.Angelescu and V.I.Pârvulescu, Ru-Containing Zeolites for Enantioselective Catalytic Hydrogenation, Proc. Europacat II Conference, Maastricht, September 3-8, 1995, J.W.Geus (Ed.), 617.
 22. P.Oelker, V.I.Pârvulescu, P.Gränge and B.Delmon, NO Decomposition over Bicomponent Metal-Copper-ZSM-5 Zeolites, Proc. IFEC'95, Tokyo, October 25-27, 1995, M.Misono (Ed), p.32.
 23. O.Seicaru and V.I.Pârvulescu, V₂O₅-TiO₂ Catalysts Obtained by CO₂ laser irradiation, Proc. IFEC'95, Tokyo, October 25-27, 1995, M.Misono (Ed), p.31.
 24. V.Pârvulescu, A.Culic, I.Sândulescu and V.I.Pârvulescu, Design of Co-Nb₂O₅ Catalysts using Sol-gel Technique, Gordon Research Conference on Catalysis, New London, New Hampshire, June 23-27, 1996, R.J.Madon (Ed.)
 25. V.Pârvulescu, M.Ruwet, A.Culic and V.I.Pârvulescu, Cobalt-Niobium Catalysts obtained using Sol-Gel Method, Proc. 11th Internat. Congress Catal. - 40th Anniversary, Baltimore, June 30-July 5, 1996, J.W.Hightower (Ed.), p. PO102.
 26. E.Moreh and V.I.Pârvulescu, Performance of V-K Zeolites in Catalytic Removal of SO₂ from Gaseous Emissions, Proc. Third International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, Warsaw, September 10-13, 1996.
 27. F.Cocu, S.Coman, C.Tânase, D.Macovei, R.Leanca, C.Sârbu and V.I.Pârvulescu, Diastereoselective hydrogenation of some prostaglandin intermediates and prostaglandin compounds over Ru supported on different molecular sieves, Proc. 4th International Symposium on Heterogeneous Catalysis and Fine Chemicals, Basel, September 8-12, 1996, A.Baiker, H.U.Blaser and R.Prins (Eds.), p.136-137.
 28. V.Pârvulescu and V.I.Pârvulescu, Sol-gel Synthesis of Cobalt-Niobia Catalysts, Proc. XIIIth International Symposium on the Reactivity of Solids, Hamburg, September 8-12, 1996, W.Gunber and A.Reller (Eds.), p.I-PO-157.
 29. V.I.Pârvulescu, P.Oelker, P.Gränge and B.Delmon, ZSM-5 as Support for NO Decomposition: An Effect of Chemical Composition, Texture or Acidity?, Proceedings of the Eighth International Symposium on Heterogeneous Catalysis, Varna, October 5-9, 1996, A.Andreev, L.Petrov, Ch.Bonev, G.Kadinov and I.Mitov (Eds.), p.353-358.
 30. V.Pârvulescu, L.Frunzã, R.Culea, S.Coman and V.I.Pârvulescu, Preparation of Overloaded SO₄²⁻ - ZrO₂ Catalysts and their Activity in the Reaction of C₆ Hydrocarbons, Proceedings of International Symposium on Acid-Base Catalysis III, Rolduc, April 20-24, 1994, W.F.Holderich, J.A.Lercher, J.C.Vedrine and H.Knozinger (Eds.), p.13.
 31. V.Pârvulescu, S.Coman, P.Gränge and V.I.Pârvulescu, Mixed M₂O₃.ZrO₂-SO₄²⁻ (M=Ga, In, Tl) Catalysts: Preparation, Characterisation and Catalytic Behaviour in

- Dehydroisomerisation of n-Hexane, Proceedings of NATO Advanced Study Institute: Advances and Challenges in the Catalytic Activation and Functionalisation of Light Alkanes, Vilamoura, Algarve, Portugal, May 25 -June 7, 1997, E.G.Derouane, J.Haber, M.Guisnet, F.Ramoa-Ribeiro and F.Lemos (Eds.), p.C67-C72.
32. D.Dumitriu, L.Frunzã, R.Bârjega, V.Pârvulescu, T.Constantinescu and V.I.Pârvulescu, D-mannitol Oxidation with H₂O₂ over ZSM-5 Embedded Bi Catalysts, Proceedings of International Symposium on Zeolites and Microporous Crystals- ZMPC' 97, Tokyo, August 24-27, 1997, Y.Ono and T.Tatsumi (Eds.), p. 188-189.
33. D.Dumitriu, R.Ganea, R.Bârjega and V.I.Pârvulescu, Hydrocarbons Oxidation with H₂O₂ over ZSM-5 Zeolites with Different Si-to-Al Ratios, Proceedings of International Symposium on Zeolites and Microporous Crystals - ZMPC' 97, Tokyo, August 24-27, 1997, Y.Ono and T.Tatsumi (Eds.), p. 208-209.
34. O.Seicaru, V.Pop, M.Boscaiu and V.I.Pârvulescu, Methane Reforming with Carbon Dioxide over Cobalt Supported Ceria Modified MgO Catalysts, Proceedings of Fourth International Conference on Carbon Dioxide Utilization, Kyoto, September 7-11, 1997, T.Inui (Ed.), p.P020.
35. V.I.Pârvulescu, Influence of the Chemical Equilibrium on the Reaction Rate. Isomerization of C₆ Hydrocarbons on ZrO₂.SO₄²⁻ Catalysts, Proceedings of the Week of the Acid-Base Catalyse, Louvain-la-Neuve, April 14-18, 1997, P.Grange, (Ed.), p.47-62.
36. S.Coman, A.Petride, Em.Angelescu, M.Banciu and V.I.Pârvulescu, Effect of zeolite structure, solvent and type of chiral modifiers on stereoselective hydrogenation of beta-ketoesters, Proceedings of Third European Congress on Catalysis Europacat-3, Krakow, August 31- September 6, 1997, J.Haber (Ed.), p. 798.
37. V.Pârvulescu, C.Nicolae, C.Bercu and V.I.Pârvulescu, Titania-silica Mixed Oxides in Hydrogen Peroxide Catalysed Oxidation, Proceedings of Third European Congress on Catalysis Europacat-3, Krakow, Poland, August 31- September 6, 1997, J.Haber (Ed.), p. 206.
38. V.Pârvulescu, C.Nicolae, G.Popescu and V.I.Pârvulescu, Sol-gel preparing silica-titania catalytic coatings, Proceedings of Final Workshop- Applications and Future Possibilities of Catalytic Membrane Reactions, Turnhout, Belgium, October 10-16, 1997, J.Luyten (Ed.), p.81-85.
39. D.Dumitriu, L.Frunzã, R.Bârjega, V.Pârvulescu, V.I.Pârvulescu and P.Grange, D-mannitol Oxidation with H₂O₂ over ZSM-5 Embedded Bi Catalysts, Proceedings of 2nd NICE Workshop on Catalysts in Fine Chemicals Production, Louvain-la-Neuve, March 8- 10, 1998, F.Hancock, F.van den Brink, B.Delmon and R.Maggi (Eds.), p. 101-102.
40. S.Coman, A.Petride, C.Bendic, M.Hillebrand, E.Angelescu, V.I.Pârvulescu, P.Grange and M.Banciu, Comparative Study of Diastereoselective Hydrogenation of Cyclic-β-Ketoesters over Modified Ru/Zeolite and Ru supported on Al₂O₃ and Charcoal Catalysts, Proceedings of 2nd NICE Workshop on Catalysts in Fine Chemicals Production, Louvain-la-Neuve, March 8-10, 1998, F.Hancock, F.van den Brink, B.Delmon and R.Maggi (Eds.), p. 121-122.
41. G. Gelbard, V. Pop, Y. Sun and V. I. Pârvulescu, Epoxidation with Supported Silico- and Phosphatotungsten Catalysts, Proceedings of 7th Symposium International on Oxygen Activation and Oxidation Catalysis (ADHOC-99), York, England, July 1999.
42. S. Coman, D. Oancea and V. I. Pârvulescu, Diastereoselective hydrogenation of a E prostaglandin intermediate over chirally modified Pt/Al₂O₃, Proceedings of 7th Symposium International on Heterogeneous Catalysis and Fine Chemicals, Lyon, France,

- August 30- September 3, 1999, P. Gallezot (Editor), p. P5.
43. V. I. Pârvulescu, V. Pârvulescu, S. Kaliaguine, U. Endruschat, B. Tesche and H. Bönemann, Hydrogenation of cinnamaldehyde on Ru-MCM and Ru-beta catalysts, Proceedings of 7th Symposium International on Heterogeneous Catalysis and Fine Chemicals, Lyon, France, August 30- September 3, 1999, P. Gallezot (Editor), p. P24.
 44. S. Coman, F. Cocu, D. Oancea and V. I. Pârvulescu, Diastereoselective hydrogenation of a F prostaglandinic intermediate over chirally modified Pt/Al₂O₃ Proceedings of EUROPACAT-IV, Rimini, Italia, September 5-10, 2000, P. Forzatti (Editor), p.67 (Oral presentation).
 45. R. Carabă, E. Moreh and V. I. Pârvulescu, Oxidation of SO₂ from dilluted gases over V-Cs-zeolite catalysts, Proceedings of EUROPACAT-IV, Rimini, Italia, September 5-10,1999, P. Forzatti (Editor), p.737.
 46. V. Pârvulescu, M. Teodorescu and V. I. Pârvulescu, Preparation of high surface area Ru-SiO₂ catalysts by sol-gel method, Proceedings of EUROPACAT-IV, Rimini, Italia, September 5-10, 1999, P. Forzatti (Editor), p.858.
 47. S. Coman, F. Cocu, D. Oancea and V. I. Pârvulescu, Some mechanistic aspects concerning diastereoselective hydrogenation of a protected prostaglandin intermediate over chirally modified Pt/Al₂O₃, Proceedings of the Workshop entitled: Metal- and Bio-promoted Selective Organic Transformations, Sassari-Porto Conte, Italy, October 28-31, 1999, S. Gladiali (Editor), p. 56-57.
 48. V. I. Pârvulescu, B. Delmon and P. Grange, The influence of M(III) and M(IV) Elements on the Sitting of Cu in Cu-ZSM-5 and its Catalytic Behavior, Proceedings of the NATO Advanced Research Workshop Catalysis by Unique Metal Ion Structures in Solid Matrices. From Science to Application, Pruhonice-Prague, Czech Republic, July 4-7, 2000, B. Wichterlova (Editor), p. P13.
 49. S. Coman, V. I. Pârvulescu, D. De Vos and P. A. Jacobs, Factors controlling the diastereoselectivity in catalytic hydrogenation of unsaturated ketones, (Oral presentation) Proceedings of the Workshop entitled: Organic Transformations: Selective Processes and Asymmetric Catalysis, Fefor, Norway, October 12-15, 2000, D. Schinzer and L. K. Sydnes (Eds.), p. 14-15.
 50. S. Coman, V. I. Pârvulescu, D. De Vos and P. A. Jacobs, Catalytic hydrogenation of unsaturated ketones: influence of the metal precursor and host support, (Oral Presentation), EFCAT SCHOOL: New trends in Catalysis Research and Application, Prague, Czech Republic, March 28 – April 1, 2001, B. Wichterlova and Z. Sobalik (Editors), p. O20.
 51. S. Boghosian, B. S, Bal'zhinimaev, M. Ericksen, R. Fehrmann, V. I. Pârvulescu, J. Winnick, A. Zagoruiko, Y. N. Zhukov, Catalytical and electrochemical processes for SO₂ and NO_x emission abatement. Part. I.(Oral Presentation), 221 ACS Meeting, San Diego, USA, April 1-5, 2001, Am. Chem. Soc. (2001), R. L. Nash (Editor), p.410.
 52. R. Fehrmann, B. S, Bal'zhinimaev, S. Boghosian, M. Ericksen, V. I. Pârvulescu, J. Winnick, A. Zagoruiko, Y. N. Zhukov, Catalytical and electrochemical processes for SO₂ and NO_x emission abatement. Part. II, (Oral Presentation), 221 ACS Meeting, San Diego, USA, April 1-5, 2001, Am. Chem. Soc. (2001) R. L. Nash (Editor), p.411.
 53. C. Constantin, V. Pârvulescu, M. Alifanti, V. I. Pârvulescu, P. Grange, G. Poncelet, Sol-gel Prepared Yttria-Silica Catalysts: Characterization and Catalytic Performances in Iso- and Hydroisomerization of Hexane, Octane and Decane, Proceedings of International

- Symposium on Acid-Base Catalysis IV, T. Yamaguchi (Ed.) Matsuyama, Japan, May 7-12, 2001, p. 59.
54. A. Matei, M. Alifanti, V. I. Pârvulescu, G. Poncelet, P. Grange, Iso- and Hydroisomerization of Hexane over tungsten-ceria catalysts, Proceedings of International Symposium on Acid-Base Catalysis IV, T. Yamaguchi (Ed.) Matsuyama, Japan, May 7-12, 2001, p. 40.
55. S. M. Jung, V. Pârvulescu, R. Caraba, V. I. Pârvulescu and P. Grange, SCR of NO with NH₃ over mesoporous V₂O₅-TiO₂-SiO₂ catalysts with MS texture, Environmental Catalysis: A step forward, Proceedings of 3rd European Workshop on Environmental Catalysis, G. Centi, P. Ciambelli and P. Ruiz (Eds.), Maiori, 2-5 May 2001, p.161.
56. R. M. Carabă, M. Alifanti, V. Pârvulescu, V. I. Pârvulescu, S. Boghosian, K. M. Eriksen and R. Fehrmann, Oxidation of SO₂ from diluted gases over mesoporous V-Cs-SiO₂ catalysts, Proceedings of EUROPACAT-V, Limerick, Ireland, September 2-7, 2001, J. Ross (Editor), p.67.
57. A. N. Pârvulescu, B. C. Gagea, V. Pârvulescu, V. I. Pârvulescu, S. Nae, A. Răzuș, G. Poncelet and P. Grange, Comparative behavior of various silica-embedded triflates in the reaction of methyl ester of the 1-cyclopentenylacetic acid, Proceedings of EUROPACAT-V, Limerick, Ireland, September 2-7, 2001, J. Ross (Editor), p.67.
58. S. Coman, V. I. Pârvulescu, M. De bruyn, D. De Vos and P. A. Jacobs, Comparative Diastereoselective Hydrogen Transfer and Molecular Hydrogen Reductions on Bimetallic Pt-Sn/MCM-41 Catalysts, Proceedings of EUROPACAT-V, Limerick, Ireland, September 2-7, 2001, J. Ross (Editor), p.67 (Oral Presentation).
59. S. Coman, V. I. Pârvulescu, M. De bruyn, D. De Vos and P. A. Jacobs, PtSn/MCM-48- an efficient catalyst for hydrogen transfer reductions of prostaglandin intermediates, Proceedings of EUROPACAT-V, Limerick, Ireland, September 2-7, 2001, J. Ross (Editor), p.67.
60. R. Mihaiu, D.C. Radu, V. Pârvulescu, V. Câmpeanu, E. Bartha, M. T. Căproiu, A. Jonas, P. Grange and V. I. Pârvulescu, Stereoselective oxidation of 2-thiomethyl-4,6-dimethylpyrimidine and 2-thiobenzyl-4,6-dimethyl-pyrimidine over titania-silica catalysts, 4th World Congress on Oxidation Catalysis, Berlin/Postdam, Germany, September 16-21, M. Baerns and R. Schlogl (Editors), vol. II, p. 7-10 (Oral presentation).
61. D. Dumitriu, A. R. Bally, N. Martin, R. Sanjinés, P. E. Schmid, F. Lévy and V. I. Pârvulescu Comparative Studies in VOCs Degradation over ZnO-TiO₂ Thin Films: Thermal and Photocatalytic Routes, 4th World Congress on Oxidation Catalysis, Berlin/Postdam, Germany, September 16-21, M. Baerns and R. Schlogl (Editors), vol. II, p. 187-190.
62. S. Coman, V. I. Pârvulescu, D. De Vos and P. A. Jacobs, PtSn/MCM-41- Efficient catalysts for hydrogen transfer reductions, Proceedings of STEREOCAT'2001, Lille, France, November 15-18, A. Mortreux and P. Andersson (Editors), p. P22 (Flash oral presentation).
63. I. Giakoumelou, S. Boghosian, R. M. Caraba and V. I. Pârvulescu, In-situ Raman investigation of MS41 mesoporous V₂O₅-TiO₂-SiO₂ catalysts in SCR of NO with NH₃, 3rd International Conference on Environmental Catalysis, Tokyo, Japan, December 10-13, 2001, M. Iwamoto (Ed), p. 117-118.
64. R. M. Caraba, V. Pârvulescu, K. M. Eriksen, V. I. Pârvulescu, New mesoporous catalysts for oxidation of SO₂ in very diluted gases, 3rd International Conference on Environmental Catalysis, Tokyo, Japan, December 10-13, 2001, M. Iwamoto (Ed), p. 137-138.
65. I. Giakoumelou, R. M. Caraba, V. I. Pârvulescu and S. Boghosian, In-situ Raman Spectroscopic Study of Supported Molten Salts Catalysts during SO₂ Oxidation, 201st

- Meeting of The Electrochemical Society, Thirteenth International Symposium on Molten Salts, Philadelphia, PA, USA, May 12-17, 2002, (Oral presentation).
66. R. M. Caraba, V. Pârvulescu, K. M. Eriksen, V. I. Pârvulescu and R. Fehrmann, New Vanadia- Mesoporous Catalysts for Oxidation of SO₂ in very diluted gases, 4th International Symposium on Group Five Compounds, "Bicentennial Meeting", Toledo, Spain, April, 9-12, 2002, M. A. Banares, I. E. Wachs and R. M. Martin-Aranda (Eds.), p. 91-93.
67. I. Giakoumelou, S. Boghosian, R. M. Caraba and V. I. Pârvulescu, In-situ Raman Investigation of MS41 Mesoporous V₂O₅-TiO₂-SiO₂ Catalysts in SCR of NO with ammonia, 4th International Symposium on Group Five Compounds, "Bicentennial Meeting", Toledo, Spain, April, 9-12, 2002, M. A. Banares, I. E. Wachs and R. M. Martin-Aranda (Eds.), p. 143-146.
68. G. Gelbard, M. Quenard, F. Breton, T. Gauducheau, V. Pop, A. Crosman and V. I. Pârvulescu, Epoxidation with immobilized phosphoramidate ligands and WO₅, POC-2002, San Diego, SUA, July 2002, S. Alexandratos and W. T. Ford (Eds), p 16-17.
69. G. Gelbard, M. Quenard, F. Breton, T. Gauducheau, V. Pop, A. Crosman and V. I. Pârvulescu, Epoxidation of large alkenes with immobilized phosphoramidate ligands and WO₅, Gordon Conference on Green Chemistry, Oxford, England, August 2002, A. P. Kybett and J. K. Bashkin (Eds.), p. 56-57.
70. A. A. Ion, D. C. Radu, V. Câmpeanu, V. I. Pârvulescu, D. Trong On and S. Kaliaguine, Chemoselective oxidation of 2-thiomethyl-4,6-dimethyl-pyrimidine, 2-thiobenzyl-4,6-dimethyl-pyrimidine and methyl-dodecylthioether over Ti-SBA-15 catalysts, 18th North American Catalysis Society Meeting, Cancun, Mexico, June 1-6, 2003, G. A. Fuentes and S. Fuentes (Eds.), p.360.
71. S. M. Coman, V. I. Pârvulescu, D. C. Radu, Z. Sobalik, D. De Vos and P. A. Jacobs, The diastereoselection properties of the Ru-BEA catalysts in the prostaglandin intermediates hydrogenation, 18th North American Catalysis Society Meeting, Cancun, Mexico, June 1-6, 2003, G. A. Fuentes and S. Fuentes (Eds.), p. 54. (ORAL PRESENTATION).
72. A. A. Ion, D. Radu, V. Câmpeanu, V. I. Pârvulescu, D. Trong On, S. Kaliaguine, Chemoselective oxidation of 2-thiomethyl-4,6-dimethyl-pyrimidine, 2-thiobenzyl -4,6-dimethyl-pyrimidine and methyl-dodecylthioether over Ti-SBA-15 catalysts, CAFC6 (6th International Symposium on Catalysis Applied to Fine Chemicals, Delft, The Netherlands, April 6-10, 2003, R. Sheldon et al. (Eds.), p. 45
73. M. de Bruyn, V. I. Pârvulescu, S. Coman, R. Preda, D. E. De Vos, P. A. Jacobs, Chemoselective reduction of complex α,β unsaturated ketones to allylic alcohols over Ir metal particles on Beta zeolites, CAFC6 (6th International Symposium on Catalysis Applied to Fine Chemicals, Delft, The Netherlands, April 6-10, 2003, R. Sheldon et al. (Eds.), p. 46.
74. A. -S. Mamede, P. Granger, E. Payen, P. Grange, G. Poncelet, A. Ion, M. Alifanti, V. I. Pârvulescu, Effect of the support in isomerization of hexane: A comparative study of WO_x/CeO₂ and WO_x/Nb₂O₅ catalysts, Europa Cat-VI, Innsbruck, Austria, August 31-September 4, 2003, R. Schlogl et al. (Eds.) p. A-031.
75. B. C. Gagea, A. N. Pârvulescu, V. I. Pârvulescu, A. Auroux, P. Grange, G. Poncelet, Alkylation of hydroquinones with t-butyl alcohol on SiO₂-embedded triflates, Europa Cat-VI, Innsbruck, Austria, August 31-September 4, 2003, R. Schlogl et al. (Eds.) p. A-032.
76. C. M. Visinescu, D. Dumitriu, V. I. Pârvulescu, P. Schmid, R. Sanjines, F. Levy, Photodecomposition of volatile organic compounds on ion-doped titania thin films prepared by dc reactive sputtering, Europa Cat-VI, Innsbruck, Austria, August 31-September 4, 2003, R. Schlogl et al. (Eds.) p. A-033.

77. A. A. Ion, D. Radu, V. Câmpeanu, V. I. Pârvulescu, D. Trong On, S. Kaliaguine, Chemoselective oxidation of 2-thio-pyrimidine derivatives over Ti-SBA-15 catalysts, Europa Cat-VI, Innsbruck, Austria, August 31-September 4, 2003, R. Schlogl et al. (Eds.) p. A-034.
78. V. Rives, O. Prieto, M. Del Arco, A. Fetcu, V. I. Pârvulescu, Sol-gel prepared birnessites: Efficient catalysts for oxidation of cyclohexene and cyclohexane, Europa Cat-VI, Innsbruck, Austria, August 31-September 4, 2003, R. Schlogl et al. (Eds.) p. A-035.
79. V. Rives, A. Fetcu, V. I. Pârvulescu, Aerobic oxidation of cyclohexene and cyclohexane on sol-gel prepared birnessites, Europa Cat-VI, Innsbruck, Austria, August 31-September 4, 2003, R. Schlogl et al. (Eds.) p. B-024.
80. M. de Bruyn, V. I. Pârvulescu, S. Coman, R. Preda, D. E. De Vos, P. A. Jacobs, The effect of the metal loading in the chemoselective reduction of complex α,β unsaturated ketones to allylic alcohols over Ir metal particles on Beta zeolites, Europa Cat-VI, Innsbruck, Austria, August 31-September 4, 2003, R. Schlogl et al. (Eds.) p. B-112.
81. V. Cimpeanu, V. I. Pârvulescu, C. Hardacre, Comparative behavior of Ti-(Ge)-MCM-41 and Ti-SBA-15 in sulfoxidation of 2-methylthio-pyrimidine in ionic liquids, Green Solvents for Synthesis, Bruchsal, Germany, October 3-6, 2004, W. Leitner, K. Seddon, M. Poliakoff (Eds.) p.57.
82. M. Magureanu, N. B. Mandache, M. Nistor, V. I. Pârvulescu, Toluene removal in a plasma-catalytic process, Proc. XVth Int. Conf. On Gas Discharges and Their Applications, Toulouse, France, September 5-10, 2004, M.C. Bordaje, A. Gleizes, J.J. Gonzales (Eds.) p. 757-761.
83. S. M. Coman, F. Cocu, V. I. Pârvulescu, Synthesis of alpha-Tocopherol (Vitamin E) in the presence of new solid acid catalysts, Proc. Workshop “Natural Products as a Source for Discovery, Synthesis, and Application of New Pharmaceuticals”, Siena, Italy, October 21-24 2004, D. Schinzhzer and B. Botta (Eds.), p. 10.
84. M. Magureanu, N. B. Mandache, M. Alifanti, V. I. Pârvulescu, VOC removal in a plasma-catalytic process, Proc. ESCAMPIG 17, Sept.1-5, Constanta, Romania, M. Musa (Ed.), p.269-275.
85. V. I. Pârvulescu, S. M. Coman, C. Stere, V. Cimpeanu, V. David, A. Medvedovici, The acylation of sulfonamides on silica-immobilized triflate derivatives, Proceedings of Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry, M. Koel (Ed.), Tallin, 1-5 June, 2005, Estonia, p. 109-110.
86. K. Kranjc, M. Martelanc, S. Polanc, M. Kocevar, F. Iosif, S. Coman, V. I. Pârvulescu, Green Synthesis and Enantioselective Heterogeneous Hydrogenation of Bicyclo [2.2.2] octene Derivates into substituted α -Amino acid Derivatives, Proceedings of 20th International Congress of Heterocyclic Chemistry, G. Cirrincione (Ed.), Palermo, July 31-August 5, 2005, Italy, p. 22-23 (ORAL PRESENTATION).
87. M. Magureanu, N.B. Mandache, M. Neamtu, C. Preda, V. I. Pârvulescu, Degradation of Organic Dyes in Water by Corona Discharges, 2nd International Workshop on Cold Atmospheric Pressure Plasmas: Sources and Applications, C. Leys, F. De Baedemaeker, N. De Geyter, R. Morent, D. Neirynek, E. Temmerman (Eds.), August 30-September 2, 2005, Bruges, Belgium, p. 102-105. (ORAL PRESENTATION)
88. M. Florea, E.M. Gaigneaux, P. Grange, V. I. Pârvulescu, Influence of the vanadium environment over catalytic activity in propane ammoxidation, 5th World Congress on Oxidation Catalysis, M. Misono, M. Imanari, M. Haruta and W. Ueda (Eds.), September 25-30, 2005, Sapporo, Japan, p. 474-475.
89. M. Magureanu, N.B. Mandache, C. Paun, C. Preda, V. I. Pârvulescu, Plasma-assisted catalysis for toluene oxidation, 5th World Congress on Oxidation Catalysis, M. Misono,

- M. Imanari, M. Haruta and W. Ueda (Eds.), September 25-30, 2005, Sapporo, Japan, p. 646-647.
90. M. Magureanu, N.B. Mandache, V.I. Parvulescu, Degradation of organic dyes in water by electrical discharges, First European Conference Environmental Applications of Advanced Oxidation Processes (EAAOP-1), (Eds.), September 06-11, 2006, Chania, Grecia (ORAL PRESENTATION).
 91. U. Filek, B. Cojocar, V.I. Parvulescu, A. Mohamed, H. Hamdan, B. Sulikowski, 12-Tungstophosphoric acid supported on SBA-15 as catalysts in liquid-phase oxidation of 2,3,6-trimethylphenol, Sampling Catalysis Research in the Pannonian Region, Proc. of the Pannonian International Catalysis Symposium, 8th, Szeged, Hungary, July 4-7, 2006, p. 57-63, (ORAL PRESENTATION)
 92. A. Parvulescu, V.I. Parvulescu, Silica embedded triflate catalysts as acid heterogeneous catalysts for the Friedel-Crafts alkylation and acylation reaction, WORKSHOP "LEWIS ACIDITY", December 7-8, 2006, Leuven, Belgium (ORAL)
 93. S. Coman, V.I. Parvulescu, Acylation of aromatic and sulfonamides on MCM-41 supported complex triflate-ionic liquids catalysts, WORKSHOP "LEWIS ACIDITY", December 7-8, 2006, Leuven, Belgium (ORAL)
 94. S.M. Coman, C. Stere, V.I. Parvulescu, D. de Vos, P. Jacobs, P. Grange, Metal Triflate-ionic liquid systems immobilized onto mesoporous MS41 materials as new and efficient catalyst for N-acylation, EUCHEM conference on molten salts and ionic liquids, September 16-22, 2006, Hammamet, Tunisia (ORAL)
 95. C. Paun, C. Stere, S.M. Coman, V.I. Parvulescu, P. Goodrich, C. Hardacre, Silica Grafted 1-butyl-3-(3-triethoxysilylpropyl)-4,5-Dihydroimidazolium ionic liquids: preparation and catalytic behavior in acylation of sulfonamides, EUCHEM conference on molten salts and ionic liquids, September 16-22, 2006, Hammamet, Tunisia.
 96. A. Ion, V.I. Parvulescu, P. Jacobs, D. De Vos, Green Synthesis of Ureas and Carbamates using CO₂ as a C₁ building block, 1st International IUPAC Conference on Green-Sustainable Chemistry, September 10-15, 2006, Dresden, Germany (ORAL).
 97. C. Paun, J. Barklie, P. Goodrich, H.Q.N. Gunaratne, A. McKeown, V.I. Parvulescu, C. Hardacre, Supported specific ionic liquids for base catalysed Knoevenagel reactions, Europa Cat-VIII, Turku, Finland, August 26-31, 2007, H. Topsøe et al. (Eds.) p. P5-28.
 98. F. Iosif, V. Kuncser, A. Kraynov, R. Richards, V. I. Parvulescu, Catalytic Properties of Heterogeneous Chirally Modified FeO_x Colloids, Europa Cat-VIII, Turku, Finland, August 26-31, 2007, H. Topsøe et al. (Eds.) p. P2-46.
 99. B. Cojocar, S. Neatu, M. Verziu, M. Musteata, J. Hu, R. Richards, V.I. Parvulescu, Sunflower and rapeseed oil transesterification over MgO (111) nanosheet catalysts, Europa Cat-VIII, Turku, Finland, August 26-31, 2007, H. Topsøe et al. (Eds.) p. P9-19.
 100. M. Magureanu, N.B. Mandache, Z. Li, R. Richards, V.I. Parvulescu, Mesoporous Au-SBA catalysts: preparation, characterization and catalytic behavior in plasma-assisted catalysis for total oxidation of trichloroethylene, Europa Cat-VIII, Turku, Finland, August 26-31, 2007, H. Topsøe et al. (Eds.) p. P4-18.
 101. C. Preda, V.I. Parvulescu, D. Mihaila-Tarabasanu, L. Diamandescu, M. Feder, C. Negrila, L. Frunza, Total oxidation of Toluene on ferrite-type catalysts, Europa Cat-VIII, Turku, Finland, August 26-31, 2007, H. Topsøe et al. (Eds.) p. P19-9.
 102. M. Florea, A. Filip, D. Ciuparu, V.I. Parvulescu, GaO_x-WO_x/CeO₂ catalysts for n-hexane isomerization, Europa Cat-VIII, Turku, Finland, August 26-31, 2007, H. Topsøe et al. (Eds.) p. P12-49.

103. A. Ion, V.I. Parvulescu, P. Jacobs and D. De Vos, Green Catalysis for use of CO₂: Synthesis of ureas and carbamates, Europa Cat-VIII, Turku, Finland, August 26-31, 2007, H. Topsoe et al. (Eds.) p. P5-48.
104. S.M. Coman, M. Florea, V.I. Parvulescu, D. De Vos, P. Jacobs, G. Poncelet and P. Grange, Metal-Triflate ionic liquid systems immobilized onto mesoporous MS41 materials as new and efficient catalysts for N-acylation, Europa Cat-VIII, Turku, Finland, August 26-31, 2007, H. Topsoe et al. (Eds.) p. P5-48. (ORAL PRESENTATION).
105. M. Florea, A. Filip, V.I. Parvulescu, Isomerization of n-Hexane over Ga₂WO_x/CeO₂ catalysts, The 2nd International Conference on ADVANCES IN PETROCHEMICALS AND POLYMERS (ICAPP 2007), 25-28 iunie, 2007, Bangkok, Tailand (Oral presentation), N. Yanumet et al. (Eds), p. 146
106. M. Florea, A. Filip, D. Ciuparu, V.I. Parvulescu, Influence of the preparation route on the acidic properties of GaO_x-WO_x/CeO₂ catalysts, The 2nd International Conference on ADVANCES IN PETROCHEMICALS AND POLYMERS (ICAPP 2007), 25-28 iunie, 2007, Bangkok, Tailand (Oral presentation). N. Yanumet et al. (Eds), P. 142.
107. M. Verziu, B. Cojocaru, J. Hu, R. Richards, C. Ciuculescu, P. Filip, V.I. Parvulescu, Sunflower and rapeseed oil transesterification to biodiesel over different nanocrystalline MgO catalysts, 3rd International Conference on Green and Sustainable Chemistry, Delft, The Netherlands, July 1-5, 2007, R. Sheldon (Ed), p. 34(Oral presentation).
108. S. Doherty, P. Goodrich, C. Hardacre, J.G. Knight, M.G. Nguyen, C. Paun, V.I. Pârvulescu, Increased Reaction Rates and Enantioselectivity of Asymmetric Reactions in Ionic Liquids, 20th North American Catalysis Meeting, 17-22 iunie 2007, Huston, USA (Oral presentation).
109. Z. Li, C. Kuebel, V.I. Parvulescu, R.M. Richards, Gold nanorods with tunable aspect ratios via a seed mediated hard template synthesis, Abstracts of Papers, 235th ACS National Meeting, New Orleans, LA, United States, April 6-10, 2008 (2008), INOR-496. (ORAL PRESENTATION).
110. Z. Li, C. Kübel, V.I. Pârvulescu, R. Richards, Electron Tomography Study of Size Tunable Gold Nanorods Prepared In the Channels of Mesoporous Silica, ACS Joint 63rd Northwest / 21st Rocky Mountain Regional Meeting, Park City, Utah, June 15–18, 2008. USA (Podium)
111. V. I. Parvulescu, M. Kocevar, V. Vidal, R. Richards, Synphos modified Pt colloids and their heterogenization by silica sol-gel entrapment. Catalytic activity in hydrogenolysis of bicyclo[2.2.2]oct-7-enes and hydrogenation of ethyl pyruvate, Workshop: Innovative Catalysis: New Processes and Selectivities, Tarragona, May 20th – 22nd 2008, Spain (ORAL PRESENTATION), S, Woodward (Ed.), P11.
112. V. I. Parvulescu, N. Candu, S. Coman, J. El Haskouri, P. Amoros, D. Beltran, Metal Triflates Incorporated in Mesoporous Catalysts for Green Synthesis of Fine Chemicals, ICC 14 Pre-Symposium, 50th Anniversary of the Catalysis Society of Japan, July 8-12, 2008, Kyoto, Japan, (ORAL PRESENTATION) M. Iwamoto (Ed), p.20
113. C. Hardacre, C. Paun, V.I. Parvulescu, P. Goodrich, S. Doherty, Heterogeneous asymmetric catalysis of the Mukaiyama aldol reaction, 14 International Congress on Catalysis, July 13-18, 2008, Seoul, Korea (ORAL PRESENTATION) S.H. Moon (Ed), p. 27.
114. M. Florea, N. Candu, C. Veregut, V.I. Parvulescu, n-Octane liquid phase oxidation catalyzed by vanadium based catalysts, 14 International Congress on Catalysis, July 13-18, 2008, Seoul, Korea, S.H. Moon (Ed), p. 445.

115. L. Frunza, S. Frunza, P. Ganea, M. Poterasu, F. Neatu, V.I. Parvulescu, Study by broadband dielectric spectroscopy of layered materials, 9-th Intern. Balkan Workshop Applied Physics, Constanta, 7-9 iulie 2008 (ORAL PRESENTATION)
116. M. Verziu and V.I. Parvulescu, Tranesterification of vegetable oils on basic large mesoporous alumina supported alkaline fluorides and MgO nanoxide catalysts: evidences of the nature of the active site and catalytic performances, 19th National Symposium on Catalysis: Catalysis for Sustainable Energy and Chemicals, January 18-21, 2009, Pune, India, B.D. Kulkarni (Ed), P. OR1(ORAL PRESENTATION)
117. N. Candu, S.M. Coman, V.I. Parvulescu, J. El Haskouri, P. Amoros, D. Beltran, AlOtf/UVM-7 – Highly active catalysts for the synthesis of non-ionic surfactant structures, 6th World Congress on Catalysis by Acids and Bases, May 10-14, 2009, Genova, Italy, G. Busca (Ed.), vol. 1, p. 123-124 (ORAL PRESENTATION)
118. S.M. Coman, V.I. Parvulescu, S. Wuttke, E. Kemnitz, Vitamins synthesis mediated by nanoscopic hydroxylated inorganic fluorides, 6th World Congress on Catalysis by Acids and Bases, May 10-14, 2009, Genova, Italy, G. Busca (Ed.), vol. 2, p. 119-120.
119. P. Goodrich, C. Hardacre, M. Lourenco, C.N. de Castro, V.I. Parvulescu, C. Paun, I. Podolean, A. Ribeiro, Support Ionic Liquid Phase (SILP) catalysts for an Enantioselective Diels-Alder Reaction, 3rd Congress on Ionic Liquids, May 31, June 4, 2009, Cairns, Australia, D. MacFarlane and J. Pringle (Eds) p.320
120. V.I. Parvulescu, P. Goodrich, C. Hardacre, C. Paun, I. Podolean, SILP catalysts for the asymmetric hydrogenation of the C=N bond, 3rd Congress on Ionic Liquids, May 31, June 4, 2009, Cairns, Australia, D. MacFarlane and J. Pringle (Eds)p. 346.
121. V.I. Parvulescu, Synphos modified Pt colloids and their heterogeneization by silica sol-gel entrapment. Catalytic activity in hydrogenolysis of bicyclo [2.2.2]oct-7-enes and hydrogenation of ethyl pyruvate, Workshop on Innovative catalysis: Innovative Catalysis: New Processes and Selectivities, May 26-28, 2009, Turku, Finland, R. Leino and D. Murzin (Eds), p.44 (ORAL PRESENTATION)
122. B. Cojocaru, V.I. Parvulescu, V. Parvulescu, J. Hu, R. Richards, H. Daly, C. Hardacre, *In situ* study of ozone interaction with Ag-Al catalysts: first evidence of active sites nature, 6th World Congress on Oxidation Catalysis, July 5-10, 2009, Lille, France, E. Bordes- Richard and P. Ruiz (Eds.), p. 126 (ORAL PRESENTATION).
123. M. Florea, M. Alifanti, V. Kuncser, G. Filoti, V.I. Parvulescu, *In situ* toluene complete oxidation on supported EuFeO₃ monitored with ¹⁵¹Eu and ⁵⁷Fe Mossbauer spectroscopy: Evidences about the cooperation of A and B species, 6th World Congress on Oxidation Catalysis, July 5-10, 2009, Lille, France, E. Bordes- Richard and P. Ruiz (Eds.), p. 542
124. F. Neațu, Z. Li, R. Richards, P.Y. Toullec, V. Michelet, K. Dumbuya, J.M. Gottfried, H.-P. Steinrück, V.I. Pârvescu, Gold heterogeneous catalysts for cycloisomerization of γ -acetylenic carboxylic acids, EuropaCat IX, Catalysis for a Sustainable World, August 30- September 4, Salamanca, Spain, A. Corma (Ed), p. 129.
125. V.I. Parvulescu, V. Parvulescu, B. Cojocaru, J. Hu, R. Richards, H. Daly, C. Hardacre, In-situ study of ozone interaction with Ag-Al catalysts: first evidence of active sites nature, EuropaCat IX, Catalysis for a Sustainable World, August 30- September 4, Salamanca, Spain, A. Corma (Ed), p. 226.
126. P. Goodrich, C. Hardacre, C. Paun, A.P. Ribeiro, M.J.V. Lourenço, C.A. Nieto de Castro, V.I. Pârvescu, I. Podolean, Efficient SILP catalysis for the Enantioselective Diels-Alder Reaction, EuropaCat IX, Catalysis for a Sustainable World, August 30- September 4, Salamanca, Spain, A. Corma (Ed), p. 248.

127. N. Candu, S. Coman, V.I. Parvulescu, P. Amoros, D. Beltran, Mesoporous included aluminum triflates- effective catalysts for etherification of large molecules, EuropaCat IX, Catalysis for a Sustainable Word, August 30- September 4, Salamanca, Spain, A. Corma (Ed), p. 331.
128. Ș. Neațu, V.I. Pârvulescu, G. Epure, E. Preda, V. Șomoghi, A. Damin, S. Bordiga, A. Zecchina, Photodegradation of sulfur mustard over doped titania-silica photocatalysts, EuropaCat IX, Catalysis for a Sustainable Word, August 30- September 4, Salamanca, Spain, A. Corma (Ed), p. 364.

V. Patents

1. Procedeu de obținere a hidroxidului de aluminiu de uz cosmetic
Romanian Patent No. 87986/28.05.1985
Authors: V.Pârvulescu, Maria Suciu, P.Potop
2. Procedeu de purificare a clorurii de aluminiu
Romanian Patent No.93069/30.06.1986
Authors: Luminița Vlădescu and V.Pârvulescu
3. Procedeu de obținere a unor pigmenți cosmetici
Romanian Patent No.90903/27.06.1986
Authors: V.Pârvulescu, Maria Suciu, P.Potop and Ildiko Anger
4. Procedeu de obținere a bioxalato-oxotitanatului (-2) dipotasic dihidrat
Romanian Patent No.94201/24.10.1987
Authors: O.Seicaru, Gh.Simion, Ileana Chichirez, V.Pârvulescu and Stela Popa
5. Procedeu de obținere a oxidului de fier pur
Romanian Patent No.93756/29.07.1987
Authors: P.Potop, Ildiko Anger, I.Florea, V.Pârvulescu, Gh.Simion, Maria Suciu, O.Seicaru
6. Procedeu de obținere a clorurii de aluminiu pure
Romanian Patent No.93757/ 29.07.1987
Authors: V.Pârvulescu, Gh. Simion, O Seicaru, Maria Suciu, Ildiko Anger and P.Potop
7. Procedeu de fabricare a carbonatului triplu de bariu, calciu și stronțiu
Romanian Patent No.94740/12.11.1987
Authors: Ileana Chichirez, Gh.Simion, V.Pârvulescu, O.Seicaru, P.Potop, Maria Suciu and Ildiko Anger
8. Procedeu de obținere a α - Fe₂O₃ pentru ferite
Romanian Patent No.94019/17.09.1987
Authors: V.Pârvulescu, P.Potop, Maria Suciu and Ildiko Anger
9. Procedeu de obținere a fosfitului dibazic de plumb stabilizator pentru mase plastice
Romanian Patent No.94715/11.02.1987
Authors: Gh.Simion, O Seicaru, Ileana Chichirez, V.Pârvulescu and Cecilia Kiraly
10. Procedeu pentru durificarea suprafețelor pieselor din aliaje de aluminiu
Romanian Patent No.93164/28.04.1987
Authors: O.Seicaru, Gh.Simion, V.Pârvulescu and A.Sachian

11. Procedeu de obținere a pigmentului cosmetic verde pe bază de oxid de crom
Romanian Patent No.100900/27.02.1990
Authors: Camelia Păun, V.Pârvulescu, Ildiko Anger and O.Seicaru
12. Procedeu de obținere a pigmentului cosmetic verde pe bază de oxihidrat de crom
Romanian Patent No.100901/27.02.1990
Authors: Camelia Păun, V.Pârvulescu, Gh.Simion and Ileana Dumitru
13. Procedeu de obținere a bisoxalato -oxotitanatului (-2) dipotasic dihidrat în flux continuu
Roamaian Patent No.101120/6.04.1990
Authors: Gh. Simion, Ileana Dumitru, O.Seicaru and V.Pârvulescu
14. Procedeu de obținere a unui pigment pe bază de $Mn^{III} NH_4P_2O_7$
Romanian Patent No.103222/27.02.1989
Authors: Camelia Păun, V.Pârvulescu, O.Seicaru, Gh.Simion and Ileana Dumitru
15. Procedeu de obținere a oxiclururii de bismut cu conținut scăzut de umiditate
Romanian Patent No.99794/20.10.1989
Authors: T.Budiu, V.Pârvulescu, Irina Pal, Rodica Vălulescu, I.Dincă and Stanca Cismaru
16. Procedeu de obținere a unui pigment albastru sidefat
Romanian Patent No. 104663/24.05.1991
Authors: T.Budiu, Rodica Vălulescu, Irina Pal, Gh.Marcu, V.Pârvulescu and Camelia Păun
17. Procedeu de obținere a unui clorhidroxid de aluminiu, $Al_2(OH)_5Cl$ de uz cosmetic
Romanian Patent No.105688/30.09.1992
Authors: V.Pârvulescu, Camelia Păun and I.Dincă
18. Compoziție cosmetică antisudorofică și deodorantă
Romanian Patent No.101847/30.07.1990
Authors: Rozalia Speteanu, Stanca Cismaru, V.Pârvulescu, Ana Ciutacu
19. Procedeu de obținere a unui pigment alb sidefat
Romanian Patent No.105617/30.09.1992
Authors: V.Pârvulescu, and Camelia Păun
20. Procedeu de obținere a unui pigment verde sidefat
Romanian Patent No.105708/30.09.1992
Authors: V.Pârvulescu and Camelia Păun
21. Procedeu de obținere a pigmentului cosmetic, mov, pe bază de pirofosfat monoaminomanganic (III), $MnNH_4P_2O_7$
Romanian Patent No.109064/31.10.1994
Authors: V.Pârvulescu, Camelia Păun and O.Seicaru
22. Procedeu de obținere a pigmentului verde sidefat pe bază de oxid de crom (III)
Romanian Patent No.110460/29.12.1995
Authors: V.Pârvulescu and Eszter Moreh
23. Procedeu de obținere a oxidului de crom (III) prin descompunere fotochimică a anhidridei cromice cu radiație laser continuă cu CO_2
Romanian Patent No. 110461/29.12.1995
Authors: V.Pârvulescu and Ildiko Anger
24. Procedeu de obținere a dioxidului de titan pentru pigmenți
Romanian Patent No.111355/30.09.1996

Authors: O.Seicaru,V.Pârvulescu, Gh.Simion, Ileana Dumitru, Eszter Moreh and Ildiko
Anger
25. Zeolit cu bismut si procedeu de preparare a acestuia.
No. 93-00838/15.06.1993
Authors: R.Russu and V.Pârvulescu

1. Compuși anorganici activi în sinteza unor produse cosmetice.
 Authors: V.Pârvulescu, S. Cismaru and M.Petrescu
 A XV-a Sesiune de Comunicări Stiințifice, Călimănești, octombrie 1989.
2. Clusterii - un imperiu încă neinvestigat pe deplin.
 Authors: V.Pârvulescu
 A XVII-a Sesiune de Comunicări Stiințifice, Olănești, octombrie 1991.
3. De la cataliza enzimatică la cataliza supramoleculară
 Authors: V.Pârvulescu, M.Moscovici, V.Pârvulescu and E.Cornilescu
 A XVIII-a Sesiune de Comunicări Stiințifice, Olănești, octombrie 1992.
4. Complecși organo-metalici pe suport - o nouă generație de catalizatori
 Authors: Em.Angelescu and V.Pârvulescu
 Al III-lea Simposion de Cataliză, București, octombrie 1993.
5. Limite și aplicații ale ecuațiilor de stare pentru caracterizarea structurilor poroase
 Authors: V.I.Pârvulescu and F.Constantinescu
 Al IV-lea Simposion National de Cataliză, Ploiești, septembrie 1995.
6. Cataliza cu membrane - Domeniu de aplicabilitate al membranelor și direcție nouă în cataliză
 Authors: V.Pârvulescu, V.I.Pârvulescu and G.Popescu
 Al V-lea Simpozion de Chimia Coloizilor și suprafețelor, Timisoara, septembrie, 1995
7. Surse de poluare în metalurgia neferoasă - control și perspective de eliminare
 Authors: V.I.Pârvulescu
 Conferința Națională de Metalurgie Neferoasă, București, septembrie, 1996
8. Reacții diastereoselective catalizate heterogen: o nouă cale de sinteză a moleculelor biologice active
 Authors: V. I. Pârvulescu
 A XXVI-a Sesiune de Comunicări Stiințifice, Călimănești-Căciulata, octombrie 2000.
9. Heterogeneous Ru Catalysts for Diastereoselective Reactions
 Authors: V.Pârvulescu
 Romania and Romanians in Contemporary Science, Sinaia, iunie 2001.
10. Chemo- și stereoselectivitate în hidrogenarea derivaților carbonilici pe catalizatori heterogeni
 Authors: S. Coman and V. I. Pârvulescu
 Sesiunea de Comunicări științifice dedicate a 141 de ani de la fondarea primei Universități din România, Iași, octombrie 2001.
11. New Hybrid Catalysts: Preparation, Characterization and Catalytic Behavior
 Authors: V. I. Pârvulescu
 A XXVII-a Sesiune de Comunicări Stiințifice, Călimănești-Căciulata, octombrie 2002
12. New Catalysts for Selective Oxidation of Alkanes and Alkenes in Green Chemistry Conditions
 Authors: V. I. Pârvulescu, I. Mandache, M.D. Banciu, A. Popescu, L. Pârvulescu
 A XXVIII-a Sesiune de Comunicări Stiințifice, Călimănești-Căciulata, octombrie 2002
13. Ionic solvents – as reaction medium and catalysts for organic syntheses
 Authors: V. I. Pârvulescu

“Conferințe de Chimie Contemporană”, Simpozion Internațional, București, 7 iunie 2007, Hotel Athenee Palace Hilton

VII. Lectures at Romanian Conferences

1. Influența suportului asupra catalizatorilor de tip metal pe suport
Authors: V.Pârvulescu
Sesiunea de Comunicări Științifice Studentești, Institutul Politehnic București, 1978
2. Influența concentrației paladiului asupra catalizatorilor metal pe suport în reacția de hidrogenare selectivă a stirenului
Authors: V.Pârvulescu
Sesiunea de Comunicări Științifice Studentești, Institutul Politehnic București, 1979
3. Hidrogenarea selectivă a stirenului în puls cromatografic
Authors: V.Pârvulescu
A XIV-a Conferință Națională a Cercurilor Științifice Studentești, Ploiești, 1978.
4. Hidrogenarea stirenului în puls cromatografic pe catalizatori metal pe suport
Authors: V.Pârvulescu
A XV-a Conferință Națională a Cercurilor Științifice Studentești, Cluj-Napoca, 1979.
5. Proprietățile structurale ale catalizatorilor mono și bimetalici pe suport de alumina și activitatea lor în reacția de hidrogenare a stirenului
Authors: I.V.Nicolescu, V.Pârvulescu, E.Szabo and I.Sândulescu
Congresul al II-lea de Chimie, București, 1981.
6. Selectivitatea catalizatorilor mono și bimetalici depuși pe suport γ -alumină în reacția de hidrogenare a stirenului
Authors: I.Sândulescu, V.Pârvulescu and S.Neagu
Congresul al II-lea de Chimie, București, 1981.
7. Influența structurii electronice a catalizatorilor bimetalici suportați asupra activității și selectivității în reacția de hidrogenare a stirenului
Authors: I.Sândulescu and V.Pârvulescu
Sesiunea jubiliară cu prilejul aniversării a o sută de ani de la înființarea Scoalei de drumuri și poduri, București, 1982.
8. Hidrogenarea stirenului pe catalizatori mono și bimetalici suportați pe γ -Al₂O₃

- Authors: I.V.Nicolescu, V.Pârvulescu and I.Sândulescu
Conferința Națională de Chimie și Inginerie Chimică, București, 1982.
9. Cinetica hidrogenării stirenilor pe catalizatori Fe și Pd-Fe/ γ -Al₂O₃
Authors: I.V.Nicolescu, V.Pârvulescu and I.Sândulescu
Conferința Națională de Chimie și Inginerie Chimică, București, 1983.
10. Influența uscării asupra distribuției componentei active în catalizatorii bimetalici suportați
Authors: I.V.Nicolescu, V.Pârvulescu and V.Pârvulescu
Conferința Națională de Chimie și Inginerie Chimică, București, 1985.
11. Interpretarea datelor de activitate privind hidrogenarea stirenilor pe catalizatori bimetalici suportați cu ajutorul teoriei electronice a contactului metal-semiconductor și metal-metal
Authors: I.V.Nicolescu and V.Pârvulescu
Conferința Națională de Chimie și Inginerie Chimică, București, 1985.
12. Influența condițiilor de impregnare asupra dispersiei speciilor active în catalizatorul Pd-Fe/ γ -Al₂O₃
Authors: V.Pârvulescu, V.Pârvulescu and I.Sândulescu
Simpozionul ICECHIM, București, 1984.
13. Rolul uscării asupra distribuției componentei active în catalizatorii metalici suportați, II.
Authors: V.Pârvulescu and V.Pârvulescu
Simpozionul ICECHIM, București, 1985.
14. Studiul corelat al parametrilor proceselor de uscare și calcinare al oxizilor de fier pentru ferite speciale prin spectroscopie Mossbauer
Authors: V.Pârvulescu, I.Anger, G.Filoti and V.Spânu
A X-a Sesiune de Comunicări Stiințifice, Călimănești, 1984.
15. Purificarea sulfatului feros obținut prin atacul acid al șpanului de strungărie în vederea recuperării și valorificării superioare a acestuia
Authors: V.Pârvulescu, G.Simion, I.Anger and O.Seicaru
A XI-a Sesiune de Comunicări Stiințifice, Călimănești, 1985.
16. Preocupări privind optimizarea etapelor de obținere a oxizilor de fier pentru ferite speciale prin aplicarea metodei Nedler-Mead
Authors: V.Pârvulescu, I.Anger and C.Păun
A XII-a Sesiune de Comunicări Stiințifice, Călimănești, 1986.
17. Studiul comportării oxizilor de fier în timpul tratamentului termic prin metode fizice complexe
Authors: V.Pârvulescu and I.Anger
A III-a Sesiune de Comunicări Stiințifice IAMN, București, 1985.
18. Metode de identificare a unor parametri cinetici pentru procese chimice în reactor cu deplasare
Authors: O.Seicaru, G.Simion, V.Pârvulescu, A.Andone, M.M.Popa and R.Stan
A XIII-a Sesiune de Comunicări Stiințifice, Călimănești, 1987.
19. Studiul transformărilor de fază la obținerea pigmentului verde prin analiză RES și EXAFS
Authors: V.Pârvulescu, C.Păun, N.Grecu and D.Macovei
A XIII-a Sesiune de Comunicări Stiințifice, Călimănești, 1987.

20. Preocupări și rezultate în domeniul pigmentilor cosmetici
Authors: V.Pârvulescu and C.Păun
A V-a Sesiune de Comunicări Tehnico- Stiințifice, IAMN, 1987.
21. Studiul chimic cuantic al interacției stirenului cu clusteri metalici suportați aparținând primei perioade tranziționale
Authors: V.Pârvulescu and I.V.Nicolescu
Conferința de Chimie și Inginerie Chimică, Bucurști, 1987.
22. Studiul transformărilor de fază la obținerea compușilor oxidici de crom prin microscopie electronică și difracție de electroni.
Authors: V.Pârvulescu, M.Bîrjega and C.Păun
Al III-lea Congres Național de Chimie, București, 1988.
23. Contribuții privind obținerea sulfului tehnic prin procedeul topire-filtrare totală
Authors: N.Geli, P.Potop, V.Pârvulescu and O.Seicaru
Al III-lea Congres Național de Chimie, București, 1988.
24. Studiul corelației dintre factorii de influență al procesului de hidroliză a tetraclorurii de titan și proprietățile oxihidratului de titan obținut prin precipitare
Authors: O.Seicaru, G.Simion, I.Dumitru and V.Pârvulescu
Al III-lea Congres Național de Chimie, București, 1988.
25. Influența regimului de uscare și calcinare asupra proprietăților texturale și structurale al α - Fe_2O_3
Authors: I.Anger and V.Pârvulescu
Al III-lea Congres Național de Chimie, București, 1988.
26. Studiul influenței mediului asupra reacției de hidroliză a tetraclorurii de titan
Authors: G.Simion, I.Dumitru, O.Seicaru and V.Pârvulescu
Al III-lea Congres Național de Chimie, București, 1988.
27. Interpretarea datelor experimentale rezultate în reacția de hidrogenare a stirenului pe catalizatori $\text{Pd}/\gamma\text{-Al}_2\text{O}_3$, $\text{Fe}/\gamma\text{-Al}_2\text{O}_3$ și $\text{Pd-Fe}/\gamma\text{-Al}_2\text{O}_3$ folosind teoria contactului metal-semiconductor și semiconductor- semiconductor
Authors: I.V.Nicolescu, V.Pârvulescu, D.Macovei, G.Filoti and P.Păușescu
Al III-lea Congres Național de Chimie, București, 1988.
28. Influența proprietăților impuse de electronul distinctiv al componentei neplatinice asupra activității și selectivității catalizatorilor $\text{Pd-M}/\gamma\text{-Al}_2\text{O}_3$ ($\text{M} = \text{Fe, Mn, Co, Ni, Cu}$)
Authors: V.Pârvulescu, I.V.Nicolescu, V.Pârvulescu and I.Săndulescu
Al III-lea Congres Național de Chimie, București, 1988.
29. Dependența activității catalizatorilor $\text{Pd-M}/\gamma\text{-Al}_2\text{O}_3$ de procesele de sorbție-difuzie care au loc în timpul impregnării și uscării
Authors: V.Pârvulescu, I.V.Nicolescu, V.Pârvulescu and Em.Angelescu
Al III-lea Congres Național de Chimie, București, 1988 .
30. Studiul influenței raportului Mn(IV) - agent de reducere asupra proprietăților pigmentare ale $\text{MnNH}_4\text{P}_2\text{O}_7$
Authors: C.Păun and V.Pârvulescu
A XIV-a Sesiune de Comunicări Stiințifice, Călimănești, 1988
31. Aplicarea metodei Electe la stabilirea procedului optim de obținere a bis-oxalato oxo- titanatului (-2) dipotasic dihidrat
Authors: G.Simion, O.Seicaru, I.Dumitru and V.Pârvulescu
A XIV-a Sesiune de Comunicări Stiințifice, Călimănești, 1988.
32. Cercetări privind obținerea bis-oxalato oxo- titanatului (-2) dipotasic dihidrat printr-un procedeu condus la suprafața de separare a două medii lichide nemiscibile

- Authors: G.Simion, O.Seicaru, I.Dumitru and V.Pârvulescu
A XIV-a Sesiune de Comunicări Stiințifice, Călimănești, 1988.
33. Importanța proprietăților structurale ale γ -Al₂O₃ asupra procesului de impregnare a unor metale tranzitionale 3d
Authors: I.V.Nicolescu, V.Pârvulescu, V.Pârvulescu and Em.Angelescu
Al III-lea Simpozion de Chimia Coloizilor și Suprafețelor, Timișoara, sept.1989.
34. Studiul influenței mediului de reacție asupra structurii dioxidului de titan obținut prin termohidroliza tetraclorurii de titan
Authors: G.Simion, O.Seicaru, I.Dumitru and V.Pârvulescu
A XV-a Sesiune de Comunicări Stiințifice, Călimănești, oct.1989.
35. Cercetări privind impurificarea controlată a tetraclorurii de titan utilizată în procesul de fabricație al dioxidului de titan prin procedeul clor
Authors: O.Seicaru, G.Simion, I.Dumitru and V.Pârvulescu
A XV-a Sesiune de Comunicări Stiințifice, Călimănești, oct.1989.
36. Evidențierea unor procese induse laser în sistemele Ce-O și Ce-Fe-O prin analiză termică și spectroscopie Mossbauer
Authors: V.Pârvulescu, E.Segal, G.Filoti, Ildiko Anger and O.Seicaru
A XVII-a Sesiune de Comunicări Stiințifice, Călimănești, oct.1991.
37. Trnasformări fotochimice laser induse de radiația cu CO₂ în sistemele CrO₃ și K₂Cr₂O₇
Authors: V.Pârvulescu, A.Andrei, D.Fătu and I.Guțu
Conferința de Chimie și Inginerie Chimică, București, oct.1991
38. Conversia catalitică a alchenelor C₂-C₄ de hidrocarburi pe zeoliți H-ZSM-5 și H-ZSM-5-M₂O₃ (M=Ga, La, Y, Nd, In, Dy)
Authors: E.Angelescu, G.Pop, Raluca Iordan, Rodica Stănescu, Anca Cruceanu and V.Pârvulescu
Conferința de Chimie și Inginerie Chimică, București, oct.1991
39. Hidrogenarea moleculelor cu dublă nesaturare pe catalizatori suportați de paladiu promotați cu disprosiu
Authors: V.Pârvulescu, Maria Bârjega, D.Macovei, Tatiana Presură and Em.Angelescu
Conferința de Chimie și Inginerie Chimică, București, oct.1991
40. Studiul impregnării zeoliților cu metale ale grupei a -III-a
Authors: V.Pârvulescu, Viorica Pârvulescu, N.Bîlbă and N.Naum
Al III-lea Simpozion Zeoliții în Tehnologia Modernă, Iași, nov.1991
41. Conversia n-butanului și a n-butenelor în arome catalizată de zeoliți modificați H-ZSM-5 - M₂O₃ (M=Ga, In, Y, Nd, La)
Authors: Em.Angelescu, D.Pop, V.Pârvulescu, F.Constantinescu, V.Dima, G.Gheorghe and G.Possa
Sesiunea de Comunicări Stiințifice-Industria de petrol și Gaze-Prezent și Perspective-Institutul de petrol și Gaze, Ploiești, 14 mai 1992
42. Proprietățile superficiale ale zeolitului ZSM-5 modificat cu Ga, In, Tl
Authors: V.I.Pârvulescu, Viorica Pârvulescu, Gabriela Gheorghe, R.Rusu, Ildiko Anger și T.Segârceanu
Al IV-lea Simpozion de Chimia Coloizilor și Suprafețelor, Timișoara, 3-5 iunie, 1992.
43. Studiul modificărilor structurale induse laser în sistemul CeO₂-A₂O₃ (A=Dy, Fe)
Authors: V.Pârvulescu, T.Segârceanu, Anca Drujescu, A.Andrei and E.Segal
A VI-a Conferință de Chimie Fizică, București, 23-25 sept. 1992

44. Faze induse structural prin iradiere laser în sistemul $\text{Yb}_2\text{O}_3\text{-CeO}_2$
Authors: V.Pârvulescu, Fl. Vasiliu and E.Segal
A VI-a Conferință de Chimie Fizică, București, 23-25 sept. 1992
45. Studiul unor reacții catalitice în condiții de iradiere laser
Authors: V.Pârvulescu, O.Seicaru, R.Rusu, Gabriela Gheorghe and Em.Angelescu
A VI-a Conferință de Chimie Fizică, București, 23-25 sept. 1992
46. Aromatizarea n-butanului și n-butenelor pe catalizatori zeoliți ZSM-5 sub formă protonică sau modificali cu Ga^{3+} , In^{3+} și Tl^{3+}
Authors: Em.Angelescu, Gr.Pop, G.Muscă, V.Pârvulescu, F.Constantinescu, G.Gheorghe and V.Dima
Al III-lea Simpozion de Cataliză, București, 7-8 oct. 1993, p.16
47. Transfer de masă și reacție în reactoarele catalitice cu membrane
Authors: G.Popescu, V.Pârvulescu, V.I.Pârvulescu, B.Albu, G.Nechifor and Em.Angelescu
Al III-lea Simpozion de Cataliză, București, 7-8 oct. 1993, p.46
48. Depoluarea catalitică a gazelor cu SO_2 pe catalizatori zeolitici
Authors: V.Pârvulescu, E.Moreh, F.Tiu, O.Seicaru, G.Gheorghe and R.Rusu
Al III-lea Simpozion de Cataliză, București, 7-8 oct. 1993, p.73.
49. Efectul modificării acidității suportului în reacțiile de hidrogenare ale vinilbenzenilor pe catalizatori $\text{Pd/Al}_2\text{O}_3$
Authors : V.I.Pârvulescu, V.Pârvulescu, L.Frunză, D.Macovei, S.Coman and Em. Angelescu
Al III-lea Simpozion de Cataliză, București, 7-8 oct. 1993, p.78
50. Hidrogenarea benzenului și alchilbenzenilor pe catalizatori aliaje amorfe
Authors: V.I.Pârvulescu, S.Coman, R.Mânăilă and Em.Angelescu
Al III-lea Simpozion de Cataliză, București, 7-8 oct. 1993, p.80
51. Asupra corelației între aciditatea sitelor moleculare ZSM-5, APO-54 și schimbul ionic cu Ru
Authors: V.I.Pârvulescu, S.Coman, Em.Angelescu, V.Pârvulescu and R.Rusu
A VII-a Conferință de Chimie Fizică, București, 21-23 sept. 1994
52. Macrocinetica oxidării SO_2 pe catalizatori V-Cs-ZSM-5
Authors: V.I.Pârvulescu, T.Segârceanu, E.Moreh, O.Seicaru and G.Gheorghe
A VII-a Conferință de Chimie Fizică, București, 21-23 sept. 1994
53. Procese de oxidare a hidrocarburilor cu H_2O_2 utilizând catalizatori zeolitici
Authors: D.Dumitriu, R.Rusu, L.Frunza, R.Bârjega and V.I.Pârvulescu
Al IV-lea Simpozion National de Cataliză, Ploiești, septembrie 1995.
54. Catalizatori și membrane catalitice de $\text{RuO}_2\text{-SiO}_2$ preparate prin sol-gel
Authors: V.Pârvulescu, V.I.Pârvulescu, C.Nicolae and G.Popescu
Al IV-lea Simpozion National de Cataliză, Ploiești, septembrie 1995.
55. Hidrogenarea enantioselectivă a dicetonelor pe catalizatori Ru-zeolit modificați chiral
Authors: S.Coman, R.Rusu, Em.Angelescu, C.Radu and V.I.Pârvulescu
Al IV-lea Simpozion National de Cataliză, Ploiești, septembrie 1995.
56. Hidrogenoliza butanului pe catalizatori Co-Nb

- Authors: A.Culic, V.Pârvulescu, S.Coman and V.I.Pârvulescu
Al IV-lea Simpozion National de Cataliză, Ploiești, septembrie 1995.
57. Conversia oxidativa a bioxidului de sulf din sisteme gazoase SO₂-aer diluat pe catalizatori zeolitici tip (Cs, K)- V₂O₅- zeolit
Authors: E.Moreh, I.Anger, O.Seicaru, G.Gheorghe and V.I.Pârvulescu
Al IV-lea Simpozion National de Cataliză, Ploiești, septembrie 1995.
58. Eliminarea SO₂ din gaze metalurgice
Authors: E.Moreh, I.Anger, O.Seicaru and V.I.Pârvulescu
A II Conferinta Nationala de Metalurgie, București, septembrie 1995.
59. Monitorizarea poluării solului de pe platformele Copsa-Mică și Zlatna
Authors: I.Anger, I.Pană, E.Moreh, O.Seicaru și V.I.Pârvulescu
Protectia mediului - parte a restructurării economiei românești, Sesiunea ICPEAR, Bucuresti, septembrie 1995.
60. Studiul modificărilor de fază induse prin iradiere laser cu CO₂ în sistemul TiO₂/V₂O₅
Authors: I.Anger, A.Drjescu, A.Andrei, E.Moreh și V.I.Pârvulescu
Conferinta de Chimie și Inginerie Chimică, Universitatea Politehnică Bucuresti, Bucuresti, octombrie, 1995.
61. Prepararea și caracterizarea catalizatorilor Ru/zeolit
Authors: S.Coman, R.Russu, Em.Angelescu, V.Pârvulescu, C.Radu and V.I.Pârvulescu
Al IV-lea Simpozion National "Zeolitii în Tehnologia Modernă", Iasi, noiembrie, 1995
62. Efectul promotorilor alcalini asupra activității catalizatorilor zeolitici în reacția de oxidare a SO₂
Authors: E.Moreh, I.Anger, O.Seicaru, G.Gheorghe and V.I.Pârvulescu
Al IV-lea Simpozion National "Zeolitii în Tehnologia Modernă", Iasi, noiembrie, 1995
63. Sinteza și caracterizarea unor catalizatori TiO₂/SiO₂ pentru reducerea fotocatalitică a ionilor metalici din soluții apoase
Authors: D.Dumitriu, I.Anger, O.Seicaru și V.I.Pârvulescu
Conferinta Natională de Metalurgie Neferoasă, CNMN 96, Universitatea Politehnică Bucuresti, Bucuresti, septembrie, 1996.
64. Proiectarea și dezvoltarea catalizatorilor zeolitici pentru controlul eficient al emisiilor poluante cu SO₂ în sectoarele metalurgice
Authors: E.Moreh, I.Anger, O.Seicaru și V.I.Pârvulescu
Conferinta Natională de Metalurgie Neferoasă, CNMN 96, Universitatea Politehnică Bucuresti, Bucuresti, septembrie, 1996.
65. Performanțele catalizatorilor tip V₂O₅ - K₂O ; Cs₂O - zeolit (ZSM-5, Y) în oxidarea SO₂ din gaze metalurgice simulate, cu conținut de 0,5 - 2,5 % vol. SO₂.
Authors: E.Moreh, A.Andrei, I.Anger, O.Seicaru și V.I.Pârvulescu
Conferinta Natională de Metalurgie Neferoasă, CNMN 96, Universitatea Politehnică Bucuresti, Bucuresti, septembrie, 1996.
66. Performanțele catalizatorilor tip V₂O₅ - TiO₂ în reacția de oxidarea SO₂ la SO₃.
Authors: E.Moreh, I.Anger, O.Seicaru, V.Bădilită, A.Drjescu și V.I.Pârvulescu
Conferinta Natională de Metalurgie Neferoasă, CNMN 96, Universitatea Politehnică Bucuresti, Bucuresti, septembrie, 1996.
67. Hidrogenarea enantioselectivă a di-cetonelor pe catalizatori Ru/suport. Aspecte cinetice

- ale accelerării vitezei induse de cinconidină.
 Authors: S.Coman, Em.Angelescu, C.Radu si V.I.Pârvulescu
 A VIII-a Conferință de Chimie Fizică ,București,25-27 sept.1996
68. Reducerea fotocatalitică a ionilor Cu^{2+} pe catalizatori de TiO_2 .
 Authors: D.Dumitriu si V.I.Pârvulescu
 A VIII-a Conferință de Chimie Fizică ,București,25-27 sept.1996
69. Hidrogenarea diastereoselectivă a intermediarilor prostaglandinici pe catalizatori Ru/suport.
 Authors: F.Cocu,S.Coman,C.Tânase,R.Leanca si V.I.Pârvulescu
 Primul Simpozion cu participare internațională: Cercetarea Medicamentului între Informație și Științele Vietii, București, 3-4 oct.1996
70. Preparation of over-loaded SO_4^{2-} - ZrO_2 catalysts and their activity in the reaction of C_6 hydrocarbons
 Authors: V.Pârvulescu, L.Frunză, R.Culea, S.Coman and V.I.Pârvulescu
 Al V-lea Simpozion National de Cataliză, Bucuresti 9-11 iulie, 1997.
71. Modified Ru - catalysts for diastereoselective hydrogenation of the prostaglandins intermediates and prostaglandins compounds
 Authors: F.Cocu, S.Coman, S.Kaliaguine, C.Tânase, R.Leanca, M.Surmeian and V.I.Pârvulescu
 Al V-lea Simpozion National de Cataliză, Bucuresti 9-11 iulie, 1997.
72. Enantioselective hydrogenation of 2-alkanone over the asymmetrically modified ruthenium supported catalysts
 Authors: S.Coman, Em.Angelescu, C.Radu and V.I.Pârvulescu
 Al V-lea Simpozion National de Cataliză, Bucuresti 9-11 iulie, 1997.
73. Hydrocarbons oxydation with hydrogen peroxide over germanium faujasites catalysts
 Authors: D.Dumitriu, Em.Angelescu, G. Poncelet and V.I.Pârvulescu
 Al V-lea Simpozion National de Cataliză, Bucuresti 9-11 iulie, 1997.
74. Characterisation and catalytic behaviour of V-Cs-ZSM-5 and V-Cs-Y zeolites in SO_2 oxidation
 Authors: E.Moreh, I.Anger, O.Seicaru, G.Gheorghe, R.Russu and V.I.Pârvulescu
 Al V-lea Simpozion National de Cataliză, Bucuresti 9-11 iulie, 1997.
75. Inorganic membranes with catalytic activity in gas-solid reactions
 Authors: V.Pârvulescu, C.Niculae, G.Popescu and V.I.Pârvulescu
 Conferinta de Chimie și Inginerie Chimică, Bucuresti 16-18 octombrie, 1997
76. Preparation, Characterization and Dehydroisomerization Activity of $\text{ZrO}_2 \cdot \text{SO}_4^{2-}$ Catalysts
 Authors: V.I.Pârvulescu
 Humboldt Kolloquim in Rumänien, Brasov 12-14 septembrie, 1997
77. Performantele Catalizatorilor tip V-(K,Cs)-zeolit in oxidarea SO din gaze metalurgice cu 0.5 - 2.5% vol. SO_2
 Authors: E.Moreh, O.Seicaru, I.Anger and V.I.Pârvulescu
 a IV-a Conferinta Nationala de Metalurgie, Bucuresti 24-26 septembrie, 1997
78. Catalizatori de RuO_2 - SiO_2 preparați prin metoda sol-gel
 Authors: V.Pârvulescu, C.Niculae, M.Teodorescu, M. Dănescu and V.I.Pârvulescu
 A XIX-a Conferința de Chimie Fizică, Galați, 23-25 septembrie, 1998.

79. Permeability and Catalytic Activity of Titania-Silica Membranes
Authors: V. Pârvulescu, V. I. Pârvulescu, L. Buhoci, C. Niculae and G. Popescu
SICHEM 99, Conferința de Chimie și Inginerie Chimică, București 30 septembrie- 2 octombrie, 1999
80. Oxidarea selectivă a sulfurilor organice pe catalizatori $\text{TiO}_2\text{-SiO}_2$
Authors: R. Mihaiu, D. C. Radu, V. Câmpeanu, E. Bartha, M. T. Căproiu and V. I. Pârvulescu
Al VI-lea Simpozion National de Cataliză, București 2-4 Iulie 2000
81. Fotocatalizatori pe bază de TiO_2 pentru degradarea VOC
Authors: D. Dumitriu, E. Moreh, F. Levy, P. E. Schmid and V. I. Pârvulescu
Al VI-lea Simpozion National de Cataliză, București 2-4 Iulie 2000
82. Perovskites catalysts (LnCoO_3) obtained from polynuclear complex compounds
Authors: L. Patron, O. Carp, C. Dăscălescu, V. Pârvulescu and V.I. Pârvulescu
A XX-a Conferința de Chimie Fizică, Iași, Septembrie, 2000.
83. Complex characterization of layered materials
Authors: L. Frunza, S. Frunza, P. Ganea, T. Beica, N. Gheorghe, F. Neatu, V. I. Parvulescu,
Conferința Națională de Fizică CNF2008, Magurele, Septembrie 10-13, 2008.