

Poster Session

Tuesday

PT1	Baojun	Zhang	Prepared 1-Octene by Ethylene Tetramerization with Cr(III) sources
PT2	Tobias	Mueller	Solvent Free Aldol Reaction
PT3	James	Suttill	Preparation And Catalysis With A Series Of Mono-Ligated Phenoxy-Imine Complexes
PT4	Thomas Hyldekær	Madsen	Dioxygen Activating Transition Metal Complexes Applied In Catalysis
PT5	Zita	Csendes	Bioinspired Electron Transfer Catalysts: Ni-Superoxide Dismutase Mimicking Ni(II)-Amino Acid Complexes Immobilised On Solid Supports - Synthesis, Structure And Catalytic Activity
PT6	Monika	Sipiczki	Preparation, Characterisation And Some Reactions Of Organocatalysts Immobilised Between The Layers Of A Layered Double Hydroxide
PT7	Agnes	Mastalir	Catalytic Applications Of PdCl ₂ (TDA) ₂ Immobilized On Hydrophobic Graphite Oxide
PT8	Florentina	Neatu	Preparation And Catalytic Behavior Of Hydrotalcite Docked Rh-Tppts Complexes In Arylation Of 2-Cyclohexen-1-One In Neat Water
PT9	Carolina	del Pozo	Mesoporous Silica Supported Chiral (NHC)Nn-Pincer Ruthenium As Catalysts For Cyclopropanation Of Styrenes
PT10	Juan M.	Bolivar	Inorganic-Organic Hybrid Supported Biocatalyst: Selective, Reversible And Oriented Immobilization Of Tagged Enzymes On Inorganic Surfaces
PT11	Xian-Yang	Quek	Ionic Liquid Stabilized Rh Nanoparticles For Citral Cyclodehydration
PT12	Jae-Hyung	Choi	Kinetic Study On The Esterification Of Oleic Acid Using Acidic Ionic Liquid Catalysts Immobilized On Silica Gel
PT13	Yong-Beom	Park,	Catalytical Conversion Of Glucose Into 5-Hmf From Glucose By Additives In Ionic Liquid Containing Metal Chloride
PT14	Lina-Maria	Gonzalez,	Synthesis Of Verbenone Over FePcCl ₁₆ -SiO ₂
PT15	Regina	Islamova,	Metal Complexes Of Porphyrins As Catalysts Of Radical Polymerization Of Vinyl Monomers
PT16	Wai Yip	Fan,	Catalytic Hydrogen Generation From The Hydrolysis Of Silanes By Ruthenium Complexes
PT17	Päivi	Mäki-Arvela,	Kinetics, Modeling And Mechanism Of The One-Pot Synthesis Of R-1-Phenylethyl Acetate Over Chemo-Bio Catalysts
PT18	Ties	Korstanje,	Catalytic Dehydration Of Alcohols To Olefins By Rhenium Complexes
PT19	Patrícia	Neves,	Molybdenum(VI) Complexes With A Tris(3,5-Dimethyl-1-Pyrazolyl)Methane Ligand: Synthesis, Catalytic Properties And Water Tolerance
PT20	Yeung	Park,	Solvent Effects In DKR Of 1-Phenylethanol With Homogeneous/Immobilized Ru-P-Cymene And Enzyme
PT21	Mikhail	Gantman,	The Role Of Donor Ligands In The Catalytic Oxidative Coupling Of Thiols
PT22	Marina	Shilina,	Metallocomplex Mechanism Of The Metathesis And Isomerization Of Alkanes By Promoted Aluminum Chloride
PT23	Leonid	Schwartsburd,	Synthesis And Reactivity Of An Acetylonyl PNP Iridium(I) Complex. An Experimental And Computational Study Of Metal-Ligand Cooperation In H-H And C-H Bond Activation Via Reversible Ligand Dearomatization.

PT24	Weiguo	Song,	Solid-Liquid Interfacial Hydrogen Bond Catalysis Using Nanostructured Metal Oxide Catalysts
PT25	Christoph	Kubis,	Kinetic Studies On Bi- And Monodentate Phosphite-Modified Hydroformylation By In Situ HP-FTIR Spectroscopy
PT26	Subhamoy	Bhattacharya,	Eco-Friendly Chemo-Enzymatic Epoxidation Of Alkenes: Concept To Kinetics
PT27	Edwin	Alarcón,	Kinetic Model Of HCHO Polymerization In Nopol Synthesis
PT28	Zdeněk	Vit	Mesoporous Silica-Alumina Modified By Acid Extraction As Support Of Pd And Pd-Pt Catalysts In HDS Of Model Compounds
PT29	Khalida	Al-Dalama	Relation Between Alumina Raw Materials And The Properties Of Extrudates Used As Support For Hydroprocessing Catalysts
PT30	Andrei	Khodakov	Supported Cobalt-Copper Bimetallic Catalysts And Their Catalytic Performance In The Synthesis Of Alcohols And Hydrocarbons
PT31	Maria	Ulla	Ni/Al ₂ O ₃ Powder And Structured Catalysts Applied To The Oxidative Dehydrogenation Of Ethane
PT32	Ashley	Shepherd	Design Of Improved Catalysts For The Conversion Of Methane To Benzene And Hydrogen
PT33	Sulaiman	Al-Khattaf	Mg-Fe-Co-Al Mixed Oxide Catalysts Derived From Hydrotalcites For The Steamless Dehydrogenation Of Ethylbenzene
PT34	Katsuomi	Takehira	Reaction Mechanism Of Ethylbenzene Dehydrogenation Over Mg-Fe-Co-Al Mixed Oxide Catalysts Derived From Hydrotalcites
PT35	Andrea	Álvarez Moreno	Effect Of The Cobalt Spinel Morphology In The Total Co Oxidation
PT36	Hyun-Seog	Roh	Synthesis Of Highly Active Nano-Sized (1wt.% Pt/CeO ₂) Catalyst For Water Gas Shift Reaction (WGS) In Medium Temperature Application
PT37	Tatyana	Minyukova	High Temperature WGS Catalyst Based On The Nanodispersed Metastable Fe Oxyhydroxide, 2-Line Ferrihydrite
PT38	Wenjie	Shen	Hydrogen Production From Ethanol Steam Reforming Over An Iridium Catalyst With The Enhanced Stability
PT39	Alicia	Ulla	Monolithic Catalysts For Co Preferential Oxidation
PT40	Stephane	Loridant	Hydrotreatment Catalyst Preparation: Rationalization Of Impregnation With [H ₄ Co ₂ Mo ₁₀ O ₃₈] ⁶⁻ Solutions By Quantitative Raman And UV-Vis Measurements
PT41	Martin	Hoj	Flame Made V/Al ₂ O ₃ Propane Oxidative Dehydrogenation Catalyst
PT42	Nicolas	Bespalko	Comparative Study Of NiLaZr And CoLaZr Catalysts For Hydrogen Production By Ethanol Steam Reforming
PT43	Vladimir	Zelikman	The Catalysts Of Carbon Tetrachloride Hydrodechlorination By Organic Donors - Alkanes And Chloroalkanes.
PT44	Alessandro	Gallo	Effect Of Temperature And Feed Concentration On Glycerol Steam Reforming Over A Ru/Mg-Al Mixed Oxides Catalyst
PT45	Soraia	Brandao	Synthesis And Characterization Of Catalyst LaNi _{1-x} Co _x O ₃ For Dry Reforming Of Methane
PT46	Regis	Gauvin	Connecting Preparation And Stereoselectivity Issues In Supported Lanthanide Polymerization Catalysts: An Experimental And Theoretical Study.
PT47	Raul	Espinal	Catalytic Honeycombs Loaded With Co-Mg-Al Hydrotalcites For Hydrogen Production Through Ethanol Steam Reforming
PT48	Ksenia	Leonova	Hydrotreating Catalysts, Prepared With The Use Of Bimetallic Co-Mo Complex Compounds
PT49	Yohei	Jinno	Steam Reforming Of Biomass Tar On Ni/Perovskite Catalysts
PT50	Chen	Xiaowei	Ru Supported On Ceria Terbia Mixed Oxide Based Catalysts With Combined WGS Activity And Total Co Elimination
PT51	Robert	Andersson	Effect Of Temperature And Space Velocity In Ethanol And Higher Alcohol Synthesis From Syngas Over Molybdenum-Based Catalysts

PT52	Carmen	Jimenez-Borja	Influence Of The Preparation Technique And The Ceria Effect For The Electrochemically Promoted Methane Oxidation With Pd Catalysts
PT53	Natalia	Mezentseva	Nanocomposite Catalysts Of CH ₄ Dry Reforming: Ru - (Pt) - Ni Alloys On Fluorite-Like Mixed Oxides
PT54	Patricia	Benito	Pt Supported On Na, K Or Mg-Doped Alumina, As Catalyst For H ₂ Production. Role Of The Support And Pt Content.
PT55	Stefan	Zander	Preparation And Characterization Of Cu/ZnO/Ga ₂ O ₃ Catalysts
PT56	Dariusz	Moszynski	Manganese And Potassium-Modified Cobalt Molybdenum Nitride As A Catalyst For Ammonia Synthesis
PT57	Larisa	Arkatova	CO ₂ Reforming Of Methane Over Intermetallides
PT58	Sabrina	Sanches	Cu-ZnO Catalysts Prepared By Homogeneous Precipitation For The Methanol Steam Reforming
PT59	Victor	Ferreira	Effect Of Ca And Mg Doping Of CeO ₂ Based Catalysts For The Oxidative Coupling Of Methane
PT60	Tao	Zhang	Supported Nickel Particles Derived From Hydrotalcite-Like Compounds As Efficient Catalysts For H ₂ Generation From Hydrous Hydrazine Decomposition
PT61	Maria	do Carmo Rangel	The Role Of Ruthenium In Nickel Catalysts For Methane Reforming
PT62	Fagen	Wang	Hydrogen Production From Ethanol Steam Reforming Over Iridium/Ceria Catalyst: Enhanced Stability After Praseodymium Promotion
PT63	Ludek	Kaluza	Hydrodesulfurization Activity Of Alumina Supported Anderson Heteropolymolybdates Doped With Co, Ni And B
PT64	Stefanie	Kuhl	The Effect Of Promoters On The Active Copper Phase In Methanol Chemistry Studied Using Cu,Zn,Al-Hydrotalcite-Like Compounds As Model Systems
PT65	Maria	do Carmo Rangel	Influence Of The Oxidation Step On The Surface Properties Of Ge-Pt-Re/Al ₂ O ₃ Catalysts For Naphtha Reforming
PT66	Jorge	Bedia	Effect Of The Preparation Conditions On The Activity And Stability Of Pt/C Catalysts For The Gas Phase Hydrodechlorination Of Dichloromethane
PT67	Irek	Sharafutdinov	Ni-Ga Binary Alloy As A Novel Methanol Synthesis Catalyst
PT68	Hilma	Santos	Preparation Of Lanthanum, Iron And Cobalt-Based Perovskites For Water Gas Shift Reaction
PT69	Esteban	Aguilar	Ce Influence On Ni/C Catalysts For Methane CO ₂ Reforming
PT70	Yuliya	Gulyaeva	Pt-Cs Fiber Glass Catalyst For Isobutene Dimerization
PT71	Silvia	González Carrazán	Rhodium Supported On CaO-SiO ₂ , A Stable Catalyst For Hydrogen Production
PT72	Ilja Gasan	Osojnik Črnivec	Influence Of Synthesis Parameters On Morphology And Activity Of Bimetallic Co-Ni Catalysts In CO ₂ Reforming Of CH ₄
PT73	Larisa	Arkatova	Syngas Production Via Dry Reforming Of Methane Over Intermetallide Catalysts Prepared By SHS
PT74	Fabio	Passos	Autothermal Reforming Of Methane On Ni/Al ₂ O ₃ Catalysts: Effect Of Preparation Method And Pretreatment Conditions.
PT75	Guillermina	Ríos-Caloch	Effect Of Chitosan In Nickel-Molybdenum Catalysts Prepared With Phosphorus In The Dibenzothiophene Hydrodesulfurization
PT76	Ahmad	Galadima	Development Of New Catalysts For N-Alkane Hydroisomerisation
PT77	Orlando	Gonzalez,	Preparation Of Structured Catalysts Based On α -Al ₂ O ₃ Foams Coated With Ni Catalysts For The Thermo Catalytic Decomposition Of CH ₄
PT78	Andrew	Rollinson	Characterisation Of Nickel Catalyst Used In Urea Steam Reforming
PT79	Andras	Tompos	Role Of Modifiers In Multicomponent Ni/MgAl ₂ O ₄ Based Catalysts Designed For Steam Reforming Of Ethanol

PT80	Said	Tezkratt	Synthesis And Characterisation Of Substituted Hexaaluminates Catalysts For Methane Reforming Application
PT81	Cristian	Ledesma Rodriguez	Active Species In Dimethyl Ether Steam Reforming Over CuZn/ZrO ₂ And CuPd/ZrO ₂ : An In-Situ XPS And FTIR Study
PT82	Bhari	Nagaraja	Development Of Highly Stable And Active Ni/MgO-ZrO ₂ Catalysts For Dry Reforming Of Methane To Synthesis Gas
PT83	Michela	Signoretto	Nickel Catalysts For Hydrogen Production Through Glycerol Steam Reforming: Effect Of The Support
PT84	Sonia	Damyanova	Dry Methane Reforming Over Alumina-Supported Pt Catalysts Modified With Pr
PT85	Stanislava	Andonova	Oxidative Steam Reforming Of Ethanol Over Bimetallic CoNi/Al ₂ O ₃ Catalysts
PT86	Wieslaw	Próchniak	The Influence Of Modification With Zirconium On The Properties Of Cu/ZnO/Al ₂ O ₃ Catalysts And Efficiency In Decomposition And Steam Reforming Reactions Of Methanol
PT87	Sonia	Damyanova	Dry Methane Reforming Over Alumina Supported Pt Catalysts Modified With Pr
PT88	ROSA	Pereñiguez	Operando Xas And Appes Experiments Over Lani1-XCoxO3 (X = 0, 0.5, 1) Perovskites As Precursor For CH ₄ Reforming Reactions.
PT89	Vanessa	Mortola	Characterization Of Pt/CeO ₂ -La ₂ O ₃ -Al ₂ O ₃ Catalysts For Steam Reforming And Partial Oxidation Of Methane
PT90	Alfonso	Caballero	In Situ XAS Study Of Synergic Effects On Ni-Co/ZrO ₂ Methane Reforming Catalysts
PT91	Elizabeth	Norris	Influence Of Calcination Temperature On The Morphology Of Alumina Supported Nickel Catalysts For Methane Steam Reforming
PT92	Elena	Taboada	Absence Of Metallic Cobalt Under Ethanol Steam Reforming Over Cobalt Hydrotalcites
PT93	Maria do Carmo	Rangel	Evaluation Of Nickel Catalysts Supported On Gadolinium-Doped Ceria For It-Sofc In Methane Steam Reforming
PT94	Jesus Manuel	Garcia-Vargas	Precursor Influence And Catalytic Behaviour Of Ni/Sic Catalysts For The Tri-Reforming Process
PT95	Wojciech	Gac	Synthesis And Characterisation Of Copper-Manganese Catalysts For Steam Reforming Of Methanol
PT96	Andreas	Haghofer	Pd/Ga ₂ O ₃ Methanol Steam Reforming Catalysts: An In Situ X-Ray Absorption Study
PT97	Alessandra	Lucrdeio	Reforming Of A Model Biogas Using Nimgal Catalysts
PT98	Yvan	Asencios	Syngas Production Via Model Biogas Reforming On Nio-Y ₂ O ₃ -ZrO ₂ Catalysts.
PT99	Thaisa	Maia	Effects Of Preparation Methods On Structure And Performance Of Ni/Ce _{0.5} Zr _{0.5} O ₂ Catalysts For Glycerol Steam Reforming
PT100	Anna	Penkova	Surface Acid - Base Properties Of Nickel Tin Catalysts For Reforming Of Glycerol: In Situ Ir Adsorption Study
PT101	Robbie	Warringham	Methane Reforming Over Supported Ni Catalysts: Can Hydrogenation Of Carbonaceous Overlayers Be Used To Help Speciate The Nature Of The Overlayer?
PT102	Camila	Fernandez	Activity Increase Of Rh/Zr(Or Ce)-Al ₂ O ₃ Catalysts By Modulation Of The Rh-Oxidation State In Dry Reforming Of CH ₄
PT103	Ruifeng	Li	Phase Quantification Of Crystalline Compounds In A Novel Catalyst For Pre-Reforming Of Refinery Gas To Produce Hydrogen By PXRD
PT104	Rawaz	Ahmed	Ni/SBA-15 Catalyst For Methane Dry Reforming
PT105	Eyup	Simsek	Study Of Syngas Production By Methane Steam Reforming In Packed Microreactors And Microchannel Reactors
PT106	Andrzej	Machocki,	Copper-Promoted Cobalt/Support Catalysts For The Steam Reforming

			Of Ethanol
PT107	Elisabetta	Finocchio	Hydrogen Production By Catalytic Steam Reforming Of Oxygenate Compounds
PT108	Karla	Herrera Delgado,	Modeling The Steam And Dry Reforming Of Methane Over Nickel
PT109	S David	Jackson,	Steam Reforming Of Ethanol Over Pt, Ru And Rh Catalysts
PT110	A.C.	Roger	Silica Carbide Effect On The Catalytic Behaviour Of Mixed Oxide Catalysts In The Glycerol Steam Reforming
PT111	Christoph	Sprung	Fundamental Investigation Of Methane Steam Reforming To Synthesis Gas Over A Ni/NiAl ₂ O ₄ Catalyst
PT112	Georgeta	Postole	Catalytic Steam Reforming Of Methane Over Doped And Undoped Ceria- The Impact Of H ₂ S
PT113	Andrzej	Machocki,	In Situ Drift-Mass Spectrometry Studies Of The Ethanol Steam Reforming Reaction Over Potassium Promoted Co-Based Catalysts
PT114	Andrzej	Machocki,	Effect Of Potassium Promoter On The Performance Of Cobalt Catalysts On Steam Reforming Of Ethanol
PT115	So-Yun	Lee	Catalytic Activity Of Alumina-Titanate Supported Nickel Catalyst For Methane Steam Reforming
PT116	Valer	Almasan,	Modified Nickel Catalysts For Ethanol Steam Reforming
PT117	Andrzej	Machocki,	Zinc Oxide Supported Cobalt Catalysts For The Steam Reforming Of Ethanol: Effect Of Preparation Method And Potassium Loading
PT118	Lea	Burger,	Development Of A Unified Surface Reaction Mechanism Of Oxidation And Reforming Reactions Of Light Hydrocarbons Over Platinum
PT119	Canan	Karakaya,	Oxidation And Reforming Of Light Hydrocarbons Over Rh/Al ₂ O ₃ Catalysts: A Fundamental Study Using A Stagnation-Flow Reactor
PT120	Kata	Markó,	Ethanol Reforming Over CuCeO ₂ Catalysts
PT121	A	Guerrero-Ruiz	Low Temperature Dry Reforming Of CH ₄ In The Presence Of Small Amounts Of H ₂ O On Ni/SiO ₂ -La ₂ O ₃ In A Membrane Reactor
PT122	Michael	Saliccioli	Catalyst Design For Reforming Of Polyols To Syngas
PT123	Jaime	Gallego	Activation Mechanisms Of CO ₂ Over Catalysts Produced By The Reduction Of Perovskite Oxides La _{1-x} CaxNiO ₃ / Carbon Dioxide Reforming Of Methane
PT124	Thibault	Cantat,	Chemical Recycling Of CO ₂ : From Stoichiometric To Catalytic Reactions
PT125	Jaime	Soler Herrero	Use Of A Two-Zones Fluidized Reactor To Counteract Coke Formation In The Ethanol Steam Reforming Over Ni Catalyst
PT126	Mihaela	Lazar,	Carbon Deposition On Modified Nickel Catalysts In Methane Steam Reforming Reaction
PT127	Espen	Wangen	The Effect Of Tar And Alkali Components On The Reforming Of Syngas From Biomass Gasification
PT128	Anastasios	Kambolis,	Ni-MzOx/MgO Catalysts For Biogas Reforming To Produce Syngas. Influence Of Calcination Temperature On Catalytic Behaviour.
PT129	Veronica	Rico-Perez	Rh/Ce _{0.9} Pr _{0.1} O ₂ /Monolith Preparation, Characterization And Catalytic Performance For N ₂ O Decomposition.
PT130	Xiaoling	Mu	Synthesis Of Iron Oxide Nanorods And Their Applications In NO Abatement
PT131	Noelia	Barrabés	Ptcu Complexes Intercalated In Hydrotalcites Materials As Denitrification Catalysts
PT132	Toshiyuki	Masui	C-Type Cubic Rare Earth Oxide Catalysts Based On Y ₂ O ₃ For Direct NO Decomposition
PT133	Izabela	Pieta	Nanofibrous Pt-Ba Lean NO _x Catalyst With Improved Sulfur Resistance And Thermal Durability
PT134	Toshihiko	Osaki	Platinum On Alumina Cryogels With High Thermal Stability For Hydrocarbons Combustion

PT135	Upakul	Deka	Changing The Active Sites In Cu-Cha: Altering DeNOx Activity
PT136	María Alicia	Ulla	Ceramic Papers As Flexible Supports For The Catalytic Abatement Of Diesel Exhausts Removal
PT137	Juan	Zazo	High Stability Activated Carbon Supported Iron Catalyst For CWPO
PT138	Cheolho	Jeong	Reactivity Tests Of SnO ₂ -ZrO ₂ Catalysts For So ₂ Reduction At High Pressure
PT139	Adriana	Aristizabal	Ag-Pt On Activated Carbon For The Catalytic Reduction Of Nitrates In Water In A Continuous Reactor: Study Of The Synthesis Protocol And Noble Metal Precursor
PT140	Jiri	Dedecek	Aluminum Distribution In The Zeolite Framework. From Zeolite Synthesis To The Control Of Catalyst Performance Under Real Conditions Of SCR-NO _x And NO, N ₂ O Decomposition
PT141	Malcolm	Yates	Novel Preparation Of Pt/Titania Catalysts For Formaldehyde Combustion
PT142	Agnieszka	Wegrzyn	Modified Cationic Layered Clays As Catalysts For Selective Catalytic Reduction Of No With Ammonia
PT143	Agnieszka	Wegrzyn	Mg/Cu/Fe Catalysts For Selective Oxidation Of Ammonia To Nitrogen And Water Vapour (NH ₃ -SCO)
PT144	Steffen	Kristensen	Potassium Resistant Nano-Sized Scr DeNO _x Catalysts
PT145	Viorica	Pârvulescu	Nano-Oxides With CeO As Catalysts For Total Oxidation Of Hydrocarbons
PT146	Alejandro	Perez	Catalytic Combustion Of Ethanol Over Cobalt And Copper On Delaminated Clays Promoted With Cerium And Praseodymium
PT147	Rodríguez	Vicente	Silver/TiO ₂ Nanocomposites For Harmful Algae Bloom UV-Photoelimination
PT148	Jugoslav	Krstic	Role Of Silver On The Activity Of MgNi/SiO ₂ Vegetable Oil Hydrogenation Catalysts
PT149	Bastian	Mei	CO ₂ Adsorption On Potential Photocatalysts For CO ₂ Reduction
PT150	Amélie	Rochet	Operando Quick-EXAFS Of Heterogeneous Catalysts Used For Clean Fuels Production
PT151	Sho	Kitano	Analysis Of Photocatalytic Properties Of Rhodium Ion-Modified Titanium(IV) Oxide
PT152	Peter	Priecel	Additives Effect In NiMo-Alumina Hydrotreating Catalysts For Deoxygenation Of Rapeseed Oil
PT153	A. Erhan	Aksoylu	CO ₂ Adsorption On Chemically Modified Activated Carbon Samples
PT154	Hideto	Yoshida	In-Situ Characterization Of Supported Pt Nanoparticle Catalysts Under CO Oxidation Conditions
PT155	Karolina	Chalupka	The Effect Of The State And Nature Of Cobalt Species On The Catalytic Activity Of CoSiBEA And CoAlBEA Zeolite In Co Oxidation
PT156	Anne	Heponiemi	Ru And Activated Carbon Catalysts In Catalytic Wet Air Oxidation Of Industrial Wastewaters
PT157	Ervin	Szabó	The Role Of Modifiers In Multi-Component Au/Al ₂ O ₃ Catalysts Designed For Preferential Co Oxidation
PT158	Reem	Kourieh	Catalytic Hydrolysis Of Cellobiose To Glucose On Tungstated Zirconia Catalysts
PT159	Antonio	Sepúlveda-Escribano	Effect Of Nb Doping In The Catalytic Behaviour Of Pt/CeO ₂ Catalysts In The Selective Co Oxidation Reaction (PROX)
PT160	Dusan	Stosic	Influence Of Surface Acid-Base Properties On The Product Selectivity In Gas Phase Dehydration Of Glycerol
PT161	Elżbieta	Maćkiewicz	Removal Of Trimethylamine Using Transition And Noble Metal Oxide Catalysts
PT162	Khaja	Aliuddin	Performance Prediction Of ZnO Industrial Sulphur Removal By H ₂ S Chemisorption

PT163	Elaine	Neville	Doped TiO ₂ Nanotubes For Use As Photocatalysts For Water Splitting Under Sunlight
PT164	James	Sullivan	An In-Situ Raman Study Of Ceria Zirconia Catalysts In Pm Combustion
PT165	Daniela	Stoyanova	Physico-Chemical Parameters Of Pd/Ni Containing Catalyst For Reduction Of NO _x
PT166	Tetsuya	Nanba	Estimation Of The Amount Of Active Oxygen For Carbon Black Oxidation Over Ag/ZrO ₂
PT167	Hannes	Kannisto	Activation Of Aromatic Hydrocarbons In Diesel-Scr Over Ag/Al ₂ O ₃ Catalysts - Dependence On Silver Particle Size
PT168	Shohei	Tada	Selective Co Methanation Over Supported Ru-Ni Catalysts
PT169	Beñat	Pereda Ayo	Fe-Zeolite For Combined NO _x Reduction And CVOC's Oxidation
PT170	Reem	Kourieh	ZrO ₂ Based Mixed Oxides As Catalysts For The Selective Reduction Of No By N-Decane
PT171	Sara	Colussi	Insights Into The Formation Of Pd-Ce-O Superstructure In Pd/CeO ₂ Combustion Catalysts
PT172	Elisabetta	Finocchio	Red-Ox States Of Al ₂ O ₃ -Supported Palladium Nanoparticles In Combustion Catalysts.
PT173	Maria	Mihet	H ₂ -SCR Of NO On Pt/Al ₂ O ₃ And Pd/Al ₂ O ₃ Catalysts At Low Temperatures
PT174	Steven	Campbell	Characterisation Of Bimetallic Diesel Oxidation Catalysts
PT175	Enrico	Tronconi,	Investigation Of The Mechanism Of The NO/NO ₂ NH ₃ -Scr Reactions Over A Commercial Fe-Zeolite Catalyst By Ftir And Trm Methods
PT176	Isabella	Nova	No/NO ₂ /N ₂ O-NH ₃ SCR Reactions Over A Commercial Fe-Zeolite Catalyst For Diesel Exhaust Aftertreatment
PT177	Robbie	Burch,	Hydrocarbon Selective Catalytic Reduction (HC-SCR) Of NO _x – From A Mechanism To Commercialisation
PT178	Luca	Lietti,	Study Of The Interaction Between Desoot And Denox Activity Over Ba- And K-Based Lnt Catalysts
PT179	Luca	Lietti,	Reactivity And In Situ Ft-Ir Study Of Hybrid Lnt+Scr Systems
PT180	Luca	lietti,	Ft-Ir Operando Spectroscopy And Reactivity Study Of NO _x Adsorption Over Pt-Ba/Al ₂ O ₃
PT181	Luca	lietti,	Labelled 15NO Experiments For The Study Of NO _x Reduction Over Pt-Ba/Al ₂ O ₃ Lnt Catalyst
PT182	Marika	Männikkö,	Effect Of H ₂ And C/N On Methanol-Scr Over Supported Ag Catalysts
PT183	Nadezhda A.	Sadokhina,	Fast-SCR Chemistry In H ₂ -Assisted C ₆ H ₁₄ -Denox Over Ag/Al ₂ O ₃
PT184	Nadezhda A.	Sadokhina,	Nitrates To Nitrites Transformation As A Key Step Of H ₂ -Assisted N-C ₆ H ₁₄ -DeNO _x Over Ag/Al ₂ O ₃
PT185	Florence	Epron,	Study Of Main Reactions Involved In Reforming Of Exhausts Gas Recirculation (Regr) In Gasoline Engines
PT186	Celine	Fontaine,	Effect Of Carbon Monoxide And Water In The Transformation Of A Model Feed Representative Of A Fcc Gasoline Over Molybdenum Based Catalysts Supported Over Alumina
PT187	Alexandr	Stakheev,	Hydrothermal Aging Of Fe-Beta Catalyst For NH ₃ -Denox: Evidence Of Deactivation By Fe ³⁺ Ions Migration
PT188	Mariana	Khristova,	Catalytic Behaviour Of Alumina Supported Manganese-Cerium Oxides In NO With CO Reaction
PT189	Masaaki	Haneda,	Mechanistic Study Of Hydrocarbon Oxidation Over Pt/Al ₂ O ₃ As Diesel Oxidation Catalyst
PT190	Avelina	Garcia Garcia,	On The Importance Of The Cerium Precursor Chosen For The Synthesis Of Ceria And Ceria-Zirconia Catalysts For No Oxidation To NO ₂ And Soot Combustion Reactions.
PT191	Avelina	Garcia Garcia,	Praseodymium-Doped Ceria As Catalyst Of The Soot Combustion Reaction.

PT192	Christian	Hess,	Mechanism Of NO ₂ Storage In CeO ₂ Studied By In Situ Raman Spectroscopy
PT193	Sonia	Parres-Esclapez,	The N ₂ O Decomposition Mechanism On Rh Catalysts Studied By Isotopic Gases And In Situ Spectroscopies (DRIFTS, XPS And Raman).
PT194	Lucie	Obalová,	Mechanism Of N ₂ O Decomposition Over Potassium Promoted Co-Mn-Al Mixed Oxide
PT195	Agnieszka	Wegrzyn,	The Influence Of Transition Metal Doping And Calcination Temperature On Catalytic Activity In N ₂ O Decomposition Of Hydrotalcite Derived Mixed Metal Oxides
PT196	Enrico	Tronconi	The Effect Of The Catalyst Red-Ox State On NO ₂ Adsorption Over Metal Exchanged (Fe- And Cu-) Zeolite Catalysts
PT197	Shuichi	Naito,	Catalytic Reduction Of NO By H ₂ Over Co-Substituted Nanoporous Ni Phosphates, VSB-5
PT198	Ivanka	Spassova,	Catalytic Study On Alumina Supported Copper, Cobalt And Cerium Catalysts In Reduction Of NO With CO
PT199	Agnieszka	Wegrzyn,	Carbonaceous Particles Combustion On Zn-Al-Ce Mixed Metal Oxide Catalysts
PT200	Marta	Boaro,	Insights On The Mechanism Of Reduction Of Ce _{0.5} Zr _{0.5} O ₂ By Tpr Studies On Dense Pellets.
PT201	Maira	Alves Fortunato,	The Mechanism Of Oxygen Ions Migration And Its Impact On The Catalytic Activity Of Pt/YSZ Catalysts: Study By Isotopic ¹⁶ O/ ¹⁸ O Exchange
PT202	Dmitriy	Potemkin,	Preferential Co Oxidation Over Copper-Ceria Catalyst: Kinetic Study And Internal Mass Transport Limitation
PT203	RAMAZAN	YILDIRIM,	Kinetic Study Of Preferential Co Oxidation Over Au/Al ₂ O ₃
PT204	Christopher	Hardacre,	Tap Studies Of CO Oxidation Over CuMnOx And Au/CuMnOx
PT205	Andrei	Boronin,	Surface Phases Of Pd/CeO ₂ Catalysts And Mechanism Of Low Temperature CO Oxidation
PT206	Olivia Salomé	Soares,	Influence Of Inorganic And Organic Matter During Nitrate Reduction In The Presence Of A Pd-Cu/MWCNT
PT207	Mariana	Garrido	Catalytic And Kinetic Study Of The Nitrate Reduction With Pt/MgCuZn Materials In Batch And Fixed-Bed Reactors
PT208	Tatsuya	Yoshikawa,	Numerical Simulation Of TWC Performance In Vehicle Test Cycle
PT209	Gianpiero	Groppi,	Effect Of Lean/Rich Feed Oscillations On Methane Conversion Over A Pd/Rh TWC
PT210	Leonardo	Lizarraga,	Development Of New Catalyst For Diesel Soot Combustion
PT211	Maria	Casapu,	A Niobia-Ceria Based Multi-Purpose Catalyst For Selective Catalytic Reduction Of NO _x , Urea Hydrolysis And Soot Oxidation In Diesel Exhaust
PT212	Daniel	Peitz,	Guanidinium Formate As Novel Ammonia Precursor For NO _x Abatement Using Selective Catalytic Reduction In Mobile Applications
PT213	Sébastien	Berland,	Nsr(Pt-Ba/Al)-Scr(WO ₃ /Ce/Zr) Combination For NO _x Reduction In Excess Oxygen. Influence Of The Ce-Zr Composition.
PT214	Mika	Huuhtanen,	Tungsten Based Catalysts For High Temperature NH ₃ -Scr Of NO _x
PT215	Ryan	Hill	Novel Electro-Catalysts For Green Ozone Technology For Water And Wastewater Treatment
PT216	María	Muñoz-Vicente,	TiO ₂ -Al Based Monolithic Photocatalyst For VOCs Degradation
PT217	Raquel	Portela,	Photocatalytic Treatment Of Air In WWTPs
PT218	Ruben	Lopez-Fonseca,	Low-Temperature Oxidation Of Short Chain Chlorinated Alkanes Over Nanocrystalline Co ₃ O ₄ Catalysts
PT219	Enrique	Garcia-Bordeje,	Carbon Nanofibers Immobilized On Cordierite Monoliths For Catalytic Ozonation Of Organic Pollutants
PT220	Ana	Vallet,	Catalytic And Non-Catalytic Wet Air Oxidation Of A Triphenylmethane

			Dye.
PT221	Antal	Tungler,	Comparison Of Noble Metal Oxide/Titanium Monolith Catalysts In Wet Oxidation Of Process Wastewaters
PT222	Beatriz	de Rivas,	CeO ₂ /H-ZSM5 As An Efficient Bifunctional Catalyst For The Oxidation Of 1,2-Dichloroethane
PT223	Takashi	Takei,	Size And Support Effect In The Complete Oxidation Of Ethylene Over Supported Pt Catalysts
PT224	Gilles	Hector	New Catalytic System For Small Scale Wood Appliance
PT225	Teresita	Garetto,	Total Oxidation Of Propane And Propene On Pt Supported Catalysts: Role Of The Support On Catalytic Activity
PT226	Eglantine	Arendt,	Supporting Dawson Heteropoly Compounds : A Way To Control Their Catalytic Behaviour In The Propene Oxidation
PT227	Henrik	Junge	Water Cleavage: Efficient Catalysts For The Photochemical Hydrogen Generation And Chemical Oxygen Generation
PT228	Yi	Ma	Photocatalytic Hydrogen Production Via Biomass Reforming On TiO ₂ Based Catalysts
PT229	Donge	Wang	Visible Light Driving Photocatalytic Water Oxidation On BiVO ₄ Promoted With Eelectrocatalyst Copox As The Oxidation Co-Catalyst
PT230	Ekaterina	Kozlova	Influence Of The Method Of Platinum Deposition On Activity And Stability Of Pt/TiO ₂ Photocatalysts In The Photocatalytic Oxidation Of Dimethyl Methylphosphonate
PT231	František	Kovanda	Preparation And Photocatalytic Activity Of The Zinc Oxide-Containing Products Obtained From Zn-Al LDH And Hydrozincite Precursors
PT232	Aleksandra	Heciak	Cu Modified TiO ₂ Applied In A Photocatalytic Generation Of C1-C3 Hydrocarbons And H ₂
PT233	Atsuhiko	Tanaka	Photocatalytic Reaction By Gold-Copper Modified Cerium(IV) Oxide Under Irradiation Of Red Light
PT234	Shashi	Atla	Photochemical Impregnation Of TiO ₂ By Ag Nanoparticles In Foam Lamellae And Its Photocatalytic Activity
PT235	Hiroshi	Kominami	Stoichiometric Formation Of Benzene And Ketones By Photocatalytic Dechlorination Of Chlorobenzene In Secondary Alcohol Suspensions Of Palladium-Loaded Titanium(IV) Oxide Powder In The Presence Of Sodium Ion Sources
PT236	Taizo	SANO	Photocatalytic Activity Of Graphitic Carbon Nitride (G-C ₃ N ₄) Exfoliated By Alkaline Hydrothermal Treatment
PT237	Hiroki	Seto	Design Of Visible Light Sensitive Titania Based Photocatalyst Via Surface Modification By Phenolic Compounds And Its Application For Reduction Of Nitrobenzene To Aminobenzene
PT238	Kazuhiro	Horisawa	Synthesis Of Mesoporous Titania Templated By Mesoporous Silica And Its Photocatalytic Activity
PT239	Diana	Dolat	Low Temperature Preparation Of Visible Light Active TiO ₂ Photocatalysts With Large Surface Area
PT240	Jong-Ho	Kim	Characterization Of Photocatalyst TiO ₂ Produced From Ti-Salt Flocculated Sludge In Dye Wastewater Treatment
PT241	Juan Carlos	Colmenares Quintero	Study Of The Pt/TiO ₂ And Pd/TiO ₂ SMSI Effect On The Photocatalytic Conversion Of Glucose Into Hydrogen
PT242	Juan Carlos	Colmenares Quintero	Zeolite Supported Nanometric Titania In The Selective Photo-Oxidation Of Glucose To Platform Molecules
PT243	Janusz	Janas	Design Of Redox Single Site Zeolite Catalysts For Application In Catalytic And Photocatalytic Processes
PT244	Deniz	Uner	The Role Of Added Metals And Interfacial Transport Processes In Photocatalytic H ₂ Generation Using Methanol As A Sacrificial Reagent
PT245	Kamila	Kočí,	Comparison Of The Pure TiO ₂ And Kaolinite/TiO ₂ Composite As Catalyst For CO ₂ Photocatalytic Reduction

PT246	Raquel	Pascual Juez	Photocatalytic Removal Of Hg(II) From Aqueous Solution On Thiol-Functionalized TiO ₂
PT247	Anastasia	Kordouli	The Influence Of Rutile Content Of Titanium Oxide In The Photocatalytic Degradation Of Orange G
PT248	Guido	Mul ,	Novel Insights In The Role Of TiO ₂ Surfaces In Photocatalytic Selective Oxidation
PT249	Rosalba	Passalacqua,	Core-Shell Cu/TiO ₂ Nanoparticle And Pt/TiO ₂ Nanotubular Photoelectrodes For H ₂ Production
PT250	Michael	Bowker,	Photocatalysis And Surface Science On Metal-Loaded TiO ₂
PT251	Vesselin	Iliev,	Photocatalytic Oxidation Of 2, 4, 6-Trinitotoluene In The Presence Of Ozone By Irradiation With Uv And Visible Light
PT252	José C.	Conesa,	V-Doped In ₂ S ₃ : A Photocatalyst Of Good Stability Able To Use The Whole Visible Light Spectrum
PT253	Philip	Davies,	Insights Into The Mechanism Of The Photocatalytic Reforming Of Alcohols
PT254	Siau Gek	Ang,	Hydrogen Generation From Water, Acid And Alcohol Upon Irradiation Of Manganese Carbonyl Complexes
PT255	Isabella	Nova	Voltammetric Behaviour Of TiO ₂ Nanotubes Obtained By Electrochemical Anodization
PT256	Andreas	Bernhard,	Hydrolysis And Thermolysis Of Urea Decomposition Byproducts Over TiO ₂ -Anatase
PT257	Luis	Vicente	Thermokinetic Oscillations In CO Oxidation In A Catalytic Reactor
PT258	Arvidas	Galdikas	Modelling Of Temperature Programmed Oxygen Isotopic Exchange Process In Three Way Automotive Catalysts
PT259	Henrik	Grönbeck	Low Temperature CO Oxidation Over Supported MgO Films
PT260	Alexander	Cholach	The Island Model Of Oscillation Phenomena In The NO+H ₂ Reaction On Noble Metal Surfaces
PT261	Hideaki	Kasai	The Study Of NO _x Reduction On Different Transition Metals: Cu, Ni, Co And Fe
PT262	Xiaolei	Fan	A Kinetic Analysis Of Catalytic Nitrates Reduction
PT263	Kishore	Kondmudi	Numerical Study Of Sulfur Trioxide Decomposition Over Complex Catalyst Shapes And Sizes In Si Cycle For Hydrogen Production.
PT264	Aliaksei	Mazheika	Theoretical Study Of Catalytic NO Destruction On Ag/TiO ₂ Through Dimerisation Processes
PT265	Jinghui	Lv	Study On The Hydrogenation Of Phenolic Derivatives In Aqueous System
PT266	Andreas	Heyden	SrTiO ₃ Based Anode Materials For Solid Oxide Fuel Cells: An Attempt To Understanding And Improving Performance
PT267	Antonio	Cammarata	New Computational Models Of Yttrium Doped Barium Zirconate Perovskite
PT268	Ilya	Gorelkin	Concepts And Models Of The Catalytic Dehydrogenation Of Propane
PT269	Wensheng	Xia	Activation Of Carbon-Hydrogen Bond Via 1, 2 Addition Across M-O Bond Of La-Sr-O Bimetallic Oxide Clusters As A Potential Key Step In Methane Functionalization: A Computational Study
PT270	Lubow	Maier	Catalytic Reforming Of Isooctane: Coupling Detailed Heterogeneous And Homogeneous Kinetics With Transport Properties Of Monolith Catalyst
PT271	Willy	Offermans	Quantum Chemical Modelling Of The Catalysed Copolymerisation Of CO ₂ And Epoxides
PT272	Paweł	Śliwa	Hydroxyacetylene Polymerization Catalysed By Ruthenium Alkylidene Complexes – A Computational Study
PT273	Liwei	Zhao	Hydrogen-Bonding In Confined Asymmetric Synthesis: Organocatalyzed Michael Addition As An Example

PT274	Dorota	Rutkowska-Zbik	Cyclohexene Oxidation By Manganese Porphyrin - A DFT Study
PT275	Jaroslaw	Handzlik	Theoretical Studies Of Monomeric Cr(VI) Oxide Species On Silica
PT276	Renata	Tokarz-Sobieraj	Properties Of Active Centers In Model Heteropolyacids. Cluster And Periodic DFT Calculations.
PT277	Karen	Hemelseoet	Methanol Conversion Over Heterogeneous Catalysts: A Combined Theoretical And Experimental Spectroscopy Study
PT278	Xenia	Iwanowa	Surface Properties And Application In 2-Propanol Oxidation Of Au/Polyoxometalate-Composites: TPD/TPO Investigations Of 2-Propanol Supported By In Situ IR Spectroscopy
PT279	Malgorzata	Witko	DFT Studies On Formation Of Oxocarbides From MoO ₃
PT280	Alexander	Shestakov	Quantum Chemical Modelling Of Structure And Reactivity Of The Active Site Of Highly Efficient Mo-Containing Catalytic Systems Of Dinitrogen Fixation In Mild Conditions
PT281	Dorota	Rutkowska-Zbik	DFT Studies On The Influence Of Chelating Agents On The Coordination Properties Of Mg ²⁺
PT282	Damien	Cornu	Bronsted And Lewis Basicity Of Magnesium Oxide : Dft Calculations, Drifts And Catalytic Applications
PT283	Santhosh Kumar	Matam	Deactivation Of Exhaust Gas Catalysts: Understanding How And Why By Micro- And Spectro -scopy
PT284	Aleksey	Vedyagin	How The Active Sites Of Pd/Alumina Catalyst For Neutralization Of Automotive Exhaust Gases Can Be Stabilised?
PT285	Dihya	Adouane	Effect Of Thermal Aging On Surface Morphology And Performances Of Commercial Lean Nox Traps
PT286	Stavroula	Christou	Deterioration Of The Oxygen Storage/Release And Catalytic Properties Of Model Pd/Ce-Zr-O TWC By Phosphorus Poisoning
PT287	Leonhard	Schill	Comparison Of Alkali Resistivity Of NH ₃ -SCR And HC-SCR Processes For The Abatement Of NO _x .
PT288	Anna	Avila	SO ₂ Poisoning Of Noble Metal Decorated Carbon Nanotubes
PT289	Dmitry	Doronkin	Sulphur Tolerance Of Ag/Al ₂ O ₃ Catalyst For H ₂ -Assisted NO _x SCR By NH ₃
PT290	Emrah	Ozensoy	Sox Storage And Release Properties Of TiO ₂ – Al ₂ O ₃ Mixed Oxides As Catalytic Support Materials
PT291	Ekaterina	Lokteva	Removal Of Carbonaceous Deposits From Palladium On Titania Catalyst By Supercritical Carbon Dioxide, Ozone In Supercritical Carbon Dioxide Or Oxygen Plasma
PT292	Sylvain	Keav	Identification Of Deactivation Pathways Of Noble Metal Catalysts Tested In The Wet Air Oxidation Of Phenol
PT293	Md	Hogue	Supported Palladium-Platinum Bimetallic Catalysts For Combustion Of Sofc Stack Flue Gas
PT294	Isabelle	Pitault	Deactivation Of Heterogeneous Catalyst For Hydrosilylation.
PT295	Oliver Yair	Gutiérrez Tinoco	Catalytic Behavior Of As-Synthesized, Passivated And Sulfided Molybdenum Carbide And Nitride In The Hds Of Dibenzothiophenic Compounds
PT296	Annelie	Jongerius,	New Mechanistic Insights In The Como Sulfide-Catalyzed Hydrodeoxygenation Of Lignin Model Compounds
PT297	Jan	Horáček	Conversion Of Lignins Over A Sulfided Nimo/Gamma-Alumina Catalyst
PT298	Tamás	Ollár	Behavior Of Catalyst Sulfur In The Hydrodesulfurization Process
PT299	Mathias	Ruinart de Brimont	Deoxygenation Mechanisms Of Ethyl Heptanoate Catalyzed By Unsupported Transition Metal Sulfides
PT300	Ali	Alsalmé	Solid Acid Catalysts Based On H ₃ PW ₁₂ O ₄₀ Heteropoly Acid: Acid And Catalytic Properties At A Gas-Solid Interface
PT301	Sonia	Moreno	Catalytic Combustion Of Ethanol Over Cobalt And Copper On

			Delaminated Clays Promoted With Cerium And Praseodymium
PT302	Aihua	Chen	Durability Study Of Ru-Doped Mesoporous Ni-Al Oxides For Selective CO Methanation
PT303	Svetlana	Pavlova	Coking Resistance Of Ni-Based Alloy-Oxide Nanocomposites Derived From LnFeNi(Ru)-Perovskites In Methane Dry Reforming: Impact Of Ln Nature And Perovskite Composition
PT304	Oh-Shim	Joo	Long Term Durability Study Of Low Pt Loaded Electrospray Deposited Pt Film Electrode For Hydrogen Production In PV Assisted Water Electrolysis System
PT305	Leon	Lefferts	Nitrite Reduction Over Pd Supported On Carbon-Nano-Fibres; Metal Particle Size Effect
PT306	ANA RAQUEL	DE LA OSA	Applying Response Surface Methodology To The Preparation Of Co/SiC Catalyst Used In Synthetic Fuels Production