

Poster Session

Thursday

PTh1	Charlotte	Drouilly	In Situ Photoluminescence And EPR Study: Evidence Of The Impact Of Oxygen Vacancies On The Catalytic Properties Of ZnO
PTh2	Christiane	Wuensch	Enzymatic Carboxylation Of Aromatic Compounds
PTh3	SERGEY	SIROTIN	Characterization Of Surface Heterogeneity By Simultaneous Inversion Of Tg-Ir Isotherms.
PTh4	Andy	Wain	Towards Catalyst Characterisation In The Liquid Phase Using Electrochemical Scanning Probe Microscopy
PTh5	Eric	Marceau	A Quick-XAS Study Of Thermal Activation Of Co/SiO ₂ Catalysts In Different Atmospheres
PTh6	Kristina	Chakarova	H-D Exchange: A Powerful Tool For Investigation Of Surface Hydroxyl Groups
PTh7	Mihail	Mihaylov	Ftir Study Of 12C16O/13C18O Coadsorption Of Ru/ZrO ₂
PTh8	Ekaterina	Lokteva	Novel Self-Assembled Catalysts: TEM, SPM And XPS Studies
PTh9	Alexander	Serykh	On The Formation Of Ga ³⁺ Sites In Ga-MOR And Ga-MFI Zeolites. Drift Study Of Carbon Monoxide Adsorption And Hydrogen Dissociation
PTh10	Vadim	Murzin	In-Situ XRD/EXAFS Monitoring Of The Formation Of Active Components In The Pd/Zn Catalytic System
PTh11	Simon	Bare	Novel Synchrotron X-Ray Measurements Of Catalysts
PTh12	James	Spivey	In-Situ DRIFTS Study Of CP Adsorption On Copper-Based Core-Shell Nanoparticles
PTh13	Frederic	Meunier	Review Paper: The Design And Testing Of Kinetically-Appropriate Operando Spectroscopic Cells For Investigating Heterogeneous Catalytic Reactions.
PTh14	Anna	Lysova	The Influence Of An Exothermic Reaction On The Distribution Of A Liquid Phase In A Functioning Multiphase Reactor: A Direct NMR Imaging Evidence
PTh15	Jan	Patera	Temperature-Programmed Desorption As A Means Of Evaluating The Adsorption Strength Of Amines On The Surface Of Metal Catalysts
PTh16	Eleni	Patanou	MICROCALORIMETRIC STUDIES ON COBALT SUPPORTED CATALYSTS FOR FISCHER- TROPSCH SYNTHESIS
PTh17	Ozawa	Masakuni	Oxygen Storage Capacity And Heat Stability Of Ceria-Alumina And Ceria-Zirconia Catalysts In H ₂ -TPR
PTh18	Deborah	Harris	Advanced Characterisation Of Ceria Zirconia Mixed Oxides
PTh19	Kalle	Arve	O ₂ -Chemisorption And Tem Imaging For Determination Of Silver Mean Particle Size, Distribution And Oxidation State On Al ₂ O ₃
PTh20	Jorg	Wambach	Photon-Assisted Activation Of Methane Over Supported Catalysts With A Xenon Excimer Lamp
PTh21	Anna	Kroner-Niziolek	Applied Catalysts Research At Diamond
PTh22	Jose L.	Contreras	Study Of H ₂ Reduction Of Pt And Pd/Al ₂ O ₃ Catalysts By UV-VIS Spectroscopy
PTh23	Gian Luca	Chiarello	In Situ XAS Study Of Supported Cu Ni-Catalyst For CO Hydrogenation
PTh24	Andrew	McFarlane	Probing The Interaction Of Methyl Propanoate On Silica: The Application Of Infrared Spectroscopy, Inelastic Neutron Scattering, DFT Calculations And Temperature-Programmed Desorption To Determine Adsorption Geometry.
PTh25	Andrzej	Kotarba	THEORETICAL AND EXPERIMENTAL APPROACH TO POTASSIUM

			PROMOTION IN OXIDE CATALYSTS -THE ROLE OF SURFACE AND BULK SPECIATION
PTTh26	Ali	KATRIB	Surface XPS-UPS And HRTEM Characterization Of The Bifunctional Molybdenum Oxide On Titania Catalyst
PTTh27	Agnieszka	Ruppert	Application Of TOF-SIMS To The Studies Of Cellulose Pyrolysis Process
PTTh28	Andrew	Wright	Characterization Of A FCC Based Catalyst With Imaging XPS
PTTh29	Fabiano	de Almeida Silva	Chemical Looping Technology: Oxygen Carriers Classification By Reaction Behaviour.
PTTh30	J. M.	Jin	Understanding Fuel Cell Electro-Catalysis At Atomic And Molecular Level By Combined Studies Of In-Situ FTIRS, UHV And DFT Atomistic Modelling: From Single Crystals To Nano-Materials
PTTh31	JJ	Calvino	Characterization Of The Oxygen Sublattice Of Nano-Sized Oxide Catalyst Powders By Aberration Corrected Transmission Electron Microscopy: The Ceria-Zirconia Mixed Oxide Family Case
PTTh32	Thomas	Szymanski	Why Are Standardized Methods Important For Evaluating Catalytic Materials? – Or, How ASTM's D-32 Committee On Catalysts Aids The Process
PTTh33	Stefania	Albonetti	Au/FeOx Catalysts Supported On Mesoporous SBA-15 Silica
PTTh34	Madalina	Tudorache	Micro-Scale Phenols Oxidation Based On Hrp-Catalytic Microreactor With An Nano-/Micro- Lithographic Gold Pattern
PTTh35	Juliana	da Silva Lima Fonseca	Nanosized Gold Catalysts Supported On Ceria And Amorphous Ceria-Alumina For CO Prox Reaction : Evaluation Of Oxygen Storage Capacity And Isotopic Exchange
PTTh36	TomĀjs	R.Reina	Gold Supported On Transition Metal-Doped Ceria-Alumina Catalysts For Total CO Oxidation.
PTTh37	Alfonso	Caballero	Improving The Catalytic Performance Of Au-TiO2 For Low Temperature Co Oxidation By Control Of The Photodeposition Parameters
PTTh38	Maria	Chudakova	Nanostructured Au-Ni Containing Catalysts In Alcohols Conversion Reactions Into Aliphatic Hydrocarbons
PTTh39	Dmitriy	Potemkin	Bimetallic Au-Cu Catalysts Synthesized With The Use Of Double Complex Salts
PTTh40	Christophe	DUJARDIN	High Catalytic Performances Of Gold-Based Catalysts For NOx Reduction By Hydrocarbons In Lean Burn Conditions
PTTh41	Tatyana	Tabakova	Catalytic Abatement Of VOCs And Co In Waste Gases Over Au/CeO2 Catalysts
PTTh42	Pavel	Topka	Total Oxidation Of Ethanol And Toluene Over Platinum And Gold Supported On Ceria-Zirconia Mixed Oxide
PTTh43	Stefania	Albonetti	Selective Oxidation Of 5-Hydroxymethyl-2-Furfural Using Supported Gold-Copper Nanoparticles.
PTTh44	Gonzalo	Villaverde	Homogeneous Vs Recyclable Gold (I), Gold (Iii) Catalysts For A3-Coupling Reactions.
PTTh45	Charles	Vriamont	Gold Homogeneous Catalyst Supported Onto MWNTS Via Non-Covalent Interactions.
PTTh46	Alberto	Sandoval	Bimetallic Au-Ag/TiO2 Catalyst Prepared By Deposition-Precipitation. High Activity And Stability In Co Oxidation.
PTTh47	Mohd Hasbi	Ab Rahim	Effect Of Methodology For The Synthesis Of Active Gold Based Copper Oxide Catalysts
PTTh48	Jose A.	Lopez-Sanchez	Recent Advances In The Synthesis Of Au-Pd Colloids In The Preparation Of Very Active Selective Oxidation Catalysts
PTTh49	THELMA	NGWENYA	The Activity Of Gold Supported Catalysts For The Reduction Of Sulphur Dioxide By CO
PTTh50	Leonarda	Liotta	Synthesis Of Au Catalysts Over CeO2/SBA-15: Effect Of Ceria Loading

			On Structural Properties And Activity In CO Oxidation
PTH51	Valerii I.	Bukhtiyarov	Surface Stabilization Of Gold By Epitaxial Metal-Support Interaction In The Nanodispersed Au/Al ₂ O ₃ Catalysts: Evidences Obtained By Kinetic Analysis Of Sintering Process, Hrtem And Pdf Techniques
PTH52	Margarita	Milanova	Spectroscopic Study Of Gold Catalyst Supported On Tungstated Zirconia
PTH53	Romain	Delaigle	Influence Of Au On The Catalytic Properties Of VOx/TiO ₂ Catalysts In The Total Oxidation Of Chlorobenzene
PTH54	Laszlo	Ovari	Structure And Reactivity Of Au-Rh Bimetallic Clusters On Titanate Nanostructures And Tio ₂ (110)
PTH55	Catherine	Louis	Total Oxidation Of Propene Over Au/XCeO ₂ -Al ₂ O ₃ Catalysts: Influence Of The CeO ₂ Loading And The Activation Treatment
PTH56	Juan P.	Holgado	Low Cost Gold-Bimetallic Catalysts. Synergetic Effect Of The Base Metal.
PTH57	Z. ILSÉN	ONSAN	Preferential Co Oxidation Over Monolithic Au-Mgo/Al ₂ O ₃
PTH58	Miron	Landau,	Low-Coordinated Ions In Grain Boundaries Areas Of MgO Nanocrystals Predicted By DFT Calculations As Acid –Base Sites Catalyzing Ethanol Conversion To Gasoline
PTH59	David	Willock,	Oxidation Chemistry At The Interface Between Au Particles And Oxide Supports.
PTH60	László	Óvári,	Effect Of Potassium On The Encapsulation Of Rh Clusters On TiO ₂ (110)
PTH61	Jean-François	Paul,	Dft Study Of Small Metal And Oxide Clusters On TiO ₂ Anatase
PTH62	Iván	Machín,	Correlation Between Catalytic Activity And Size Of Metal Nanoparticles: Nanocatalysis And Compensation Effect
PTH63	Anna	Beletskaya,	Adsorptive And Catalytic Properties Of Gold, Gold-Palladium And Nickel Clusters From First Principles
PTH64	ERDEM	GUNAY	Logistic Regression Analysis Of DFT Generated O ₂ Adsorption Energies Over Gold Nanoparticles
PTH65	Marian	Tomica	Heterogeneous Photo-Catalysis: Estimation Of Polychromatic Incident Light In Reactor With TiO ₂ Catalyst
PTH66	Andreas	Heyden,	Theoretical Study Of The Three-Phase Boundary Of Ceria (111) Supported Platinum Clusters For The Water-Gas Shift Reaction
PTH67	Valerie	CAPS,	Gold-Catalyzed Aerobic CO-Oxidation Of Trans-Stillbene And Methylcyclohexane: Identification Of A Key Reaction Intermediate
PTH68	Sumana	Chaturvedula,	Selective Oxidation Of Salicylic Alcohol On Supported Gold Catalysts
PTH69	María José	Sabater ,	Gold Catalyzes The Synthesis Of 2-Propinylamines Through Sequential Reactions Of In Situ Generated Secondary Amines
PTH70	Olga	Simakova,	Kinetic Study Of The Hydroxymatairesinol Selective Oxidation Over Gold Catalysts
PTH71	Enhong	Cao	Comparison Of Disproportionation Of Benzyl Alcohol Catalysed By Supported Au-Pd Nanoparticles In A Micropacked Bed Reactor With Glass Stirred Reactor
PTH72	Pierdomenico	Biasi,	H ₂ O ₂ Direct Synthesis: Kinetics And Mechanism On PdAu-ZS Catalyst
PTH73	Dmitri	Bulushev,	Effect Of Composition Of Metallic Particles On Formic Acid Decomposition Over PdAu/Al ₂ O ₃ Catalysts
PTH74	Hitoshi	Yamano,	Kinetics Of H ₂ O ₂ Synthesis On Palladium And Platinum-PVP Colloidal Catalysts And Unusual Addition Effect Of Platinum On Palladium-PVP
PTH75	Markus	Hammes,	High Throughput Ecirt Screening For New Catalysts With High Resistance Towards Poisoning
PTH76	John	Birtill,	Systematic Study Of Catalyst Deactivation In Integral Fixed-Bed

			Reactors
PTH77	Christophe	DUJARDIN,	How To Optimise Operando Reactors? Modelling Of Ir Cell Devoted To In Situ And Operando Characterisation Of Catalyst
PTH78	Aleksey	Vedyagin	Advantages Of Propylene Production In The Catalytic Membrane Reactor
PTH79	Izabella	Jasińska,	The Activity Of Mixtures Of Iron Catalysts For Ammonia Synthesis
PTH80	Magdalena	Bonarowska,	Deactivation And Reactivation Of Alumina- And Silica-Supported Platinum Catalysts In Hydrodechlorination Of Tetrachloromethane
PTH81	Manuel	Gregori	Hydrogen Assisted Dechlorination Of $Cf_3ocfcl-Cf_2Cl$ To $Cf_3ocf=Cf_2$ Over Ru/Ac Catalysts
PTH82	Emiel	Hensen,	Active Sites In Fe/ZSM-5 For The Oxidation Of Benzene To Phenol And Their Deactivation: Improved Stability By Hierarchical Structuring
PTH83	J.J.	Calvino,	Fully Reversible Metal Deactivation Effects In Au/Ceria-Zirconia Catalysts. Role Of The Support Redox State
PTH84	Lyubov	Isupova,	Structural Transformation In $La_{1-x}Ca_xMeO_3$ [Me=Mn,Fe] Perovskites Under Reaction Medium With Low Oxygen Pressure
PTH85	Marcos	Schöneborn	Deactivation Mechanisms Of Catalytic Support Materials: Preventing The Sintering Of Transition Aluminas
PTH86	Ivan	Petrov,	Thermal Transformations Of Surface Molybdena Species Into $Al_2(MoO_4)_3$ In The $MoO_3/\gamma-Al_2O_3$ -Based Catalysts
PTH87	Alberto	de Angelis,	Room-Temperature Self-Regeneration Of Heteropolyacids Dispersed In Silica Gel, After Use As Oxidation Catalysts
PTH88	VAGIF	AKHMEDOV	Synthesis Of Gasoline And Lubricant Oil Components By Hydroconversion Of High N-Alkanes On Nanometal -Structured Catalysts
PTH89	Atsushi	Muramatsu	Preparation Of Pd Nanoparticulate Catalysts By Liquid-Phase Selective Deposition Onto Silica And Their Catalyst Stability
PTH90	Agnes	Mastalir	Synthesis And Catalytic Application Of Pd Nanoparticles In Graphite Oxide
PTH91	Ying	Guo	Sol-Gel Synthesis And Characterization Of Nanoscopic Transition Metal Fluorides
PTH92	Carlo	Lucarelli	On-Board H_2 Production By Catalytic Dehydrogenation Of Fuels. Influence Of Catalyst Properties On Deactivation
PTH93	Sandra	Palma	Methanol Steam Reforming For Hydrogen Production Over Ni And Ni ₃ Sn Nanoparticles
PTH94	Izaskun	Miguel-Garcia	Effect Of Aging On Pvp-Coated Palladium Nanoparticle Suspensions In Their Catalytic Performance
PTH95	Peter	Munnik	Copper Nitrate Mobility During Thermal Treatment And Its Effect On The Dispersion Of Silica-Supported Copper Catalysts
PTH96	Alexei	Lapkin	Heterogeneous Catalysts On Tailor-Made Supports
PTH97	Miron	Landau	CO_2 Methanation On Hexagonal Co Nanocrystals Decorating Multiwall Carbon Nanotubes With Corrugated External Surface
PTH98	Tokuya	Watanabe	Hydrogen Spillover And Its Reactivity On Pt Nano-Particles Supported On Al_2O_3
PTH99	Heeyeon	Kim	Influence Of Metal-Support Interaction On The Performance Of Pt/C Catalyst In Pemfc
PTH100	Matthias	Friedrich	Bottom-Up Route To Synthesize Intermetallic Compounds As Nanoparticles For Catalytic Hydrogenation Reactions
PTH101	Gerome	Melaet	Structure Sensitivity Of Methane Oxidation On Pd-Based Catalysts
PTH102	Igor	Mashkovsky	Influence Of Particle Size Effect On Catalytic Activity Of Pt Nanoparticles In Benzene Hydrogenation
PTH103	Nicoletta	Ravasio	Investigation Of Cu Particles Morphology On The Reactivity Of

			Heterogeneous Copper Catalysts
PTh104	Valeria	La Parola	A New Mptes Mediated Method For Metallic Nanoparticles Synthesis
PTh105	Inna	Belomestnykhy	Oxidative Dehydrogenation Of Alcohols To Carbonyl Compounds Over V-Mg-O Catalysts
PTh106	Christian Fink	Elkjaer	Preparation And Characterization Of Pd-Ga Nanoparticles Supported On Silica
PTh107	Riny Yolanda	Parapat	Supported Pt Catalysts Prepared By Thermo-Destabilization Of Microemulsions And Catalytic Testing In Hydrogenation Reactions
PTh108	Salvatore	Scire	Preparation Of Supported Pd Catalysts Through Lppd In The Presence Of Cyclodextrin As Protective Agent
PTh109	Genoveva	Atanasova	Characterization Of Silver Nanoparticles Produced By Pld
PTh110	Andery	Stadnichenko	Study Of Electron And Geometric Structure And Catalytic Properties Of CuO Nanopowders
PTh111	Ana	Iglesias Juez	Nanoparticulate Pd Supported Catalysts: Size Dependent Formation Of Pd(I)/Pd(0) And Their Role In Co Elimination
PTh112	Florica	Papa	Pd-Cu Nanoparticles: Morphology And Structure By Fractal Analysis
PTh113	Malgorzata Iwona	Szynkowska	Physicochemical Properties Of Palladium And Ruthenium Catalysts Supported On Al ₂ O ₃ And SiO ₂
PTh114	Laura	Cornaglia	In Situ Lrs Studies Of High Surface Area Ru/Lanthanum Oxycarbonate Catalysts
PTh115	SAEED	BUKALLAH	Characterisation Of Vanadia/Titania Catalysts Obtained Via Wet Impregnation Of Sol-Gel Derived Nano Titania Particles
PTh116	M.	Shopska	Physico-Chemical Properties Of New Materials Based On Biogenic Iron Oxides
PTh117	Maria Olga	Guerrero Perez	New Highly Active And Selective Nanosized M1 Based Catalysts.
PTh118	Hao	Liang	Study LaCoO ₃ Oxygen Carrier Used In Chemical-Looping Combustion
PTh119	Damien	Debecker	High Metathesis Activity Of Dispersed Molybdates In MoO ₃ /SiO ₂ -Al ₂ O ₃ Catalysts Prepared Via Flame Spray Pyrolysis
PTh120	JOSE LUIS	GARCIA FIERRO	Hydrogen Production By Methane Decomposition Over Ni/Al Mixed Oxides: Effect Of The Synthesis Methods And Rh Promotion
PTh121	Carolina	Belver	Silica/Alumina-Clay Heterostructures As Catalysts For Production Of Glycerol-Derived Chemicals
PTh122	Vasile	Hulea	Mo- And W-Containing Layered Double Hydroxides - Recyclable Catalysts For The Mild Oxidation Of Organic Compounds With H ₂ O ₂
PTh123	Octavian Dumitru	Pavel	The Influence Of The Drying Environment On The "Memory Effect" Exhibited By Mg/Al Hydrotalcite Structures
PTh124	Izaskun	Miguel-Garcia	H ₂ Assisted Decomposition Of Cerium Nitrate To Ceria With Enhanced Catalytic Properties
PTh125	Mariya	Shuvaeva	Selective Oxidation Of H ₂ S Over Iron-Containing Catalysts: Effect Of Pretreatment Condition On The Catalytic Properties
PTh126	Olga	Belskaya	Preparation Of MgAlOx/Al ₂ O ₃ As A Support For Pt-Containing Catalysts Of Propane Dehydrogenation
PTh127	Holger	Friedrich	Oxidative Dehydrogenation Of N-Octane Using V ₂ O ₅ Supported Hydroxyapatite
PTh128	Ivone	Sampaio Pereira	Evaluation And Characterization Of Mixed Oxides As Catalysts For Conversion Of Bio-Ethanol Into Valuable Products For The Chemical Industry
PTh129	Makiko	Asamoto	Preparation Of Perovskite-Type Oxide Catalyst By Thermal Decomposition Of Cyano Complex
PTh130	Yuzo	Imizu	The Nature Of Active Sites On Zirconia Modified By Phenylsilylation For Isomerization And Hydrogenation Of Olefins
PTh131	Niels Alexander	Heutz	Preparation Of Metal/Metaloxide-Composites In Miniemulsions

PTTh132	Belomestnykh	Inna	V-Mo-Nb-Ta-O Containing Hydrotalcite-Like Materials As Precursors For Oxidative Dehydrogenation Of Hydrocarbons, Alkylheterocyclic Compounds And Alcohols
PTTh133	Dalibor	Kaucký	Effect Of The Parent Zirconia Surface And (Micron/Nano Meter) Crystal Size On The Wox Nuclearity And N-Heptane Isomerization Activity Of Pt/WO ₃ -ZrO ₂
PTTh134	Victor	Teixeira da Silva	Esterification Of Levulinic Acid With Bio-Ethanol Using Sulphated Tin Oxide
PTTh135	Vincenza	Modafferi	Development Of Vanadium Oxide-Based Fiber Catalysts By Electrospinning
PTTh136	Yury	Agafonov	Supported Chromium Oxide Catalysts For Propane Dehydrogenation In CO ₂ Presence. Specificity Of Preparation.
PTTh137	Zofia	Lenzion-Bielun	Preferential Co Oxidation In Excess Hydrogen Over CuO/CeO ₂ Catalysts Modified With Transition Metal Oxides
PTTh138	Rodica	Zavoianu	Converting Eluates Resulted After Red Mud Treatment Into Hydrotalcite-Like Catalysts For Cyanoethylation Reaction
PTTh139	IZABELA	DOBROSZ-GOMEZ	Nanocrystalline Zirconia Powders Via Aqueous Combustion Synthesis
PTTh140	Aleksey	Vedyagin	CO Oxidation Over Novel Supported Oxide Catalysts Prepared By SHS
PTTh141	Khaleel	Abbas	Unique Textural Properties And Catalytic Oxidation Activity Of Sol-Gel Prepared Transition Metal Mixed Oxides Using Inorganic Salt Precursors
PTTh142	Ekaterina	Ilyina	Aerogel Oxide Systems: Perspectives In Destructive Adsorption And Catalysis
PTTh143	Santiago	Mesa	Synthesis And Characterization Of Nicofe And Nicufe Hydrotalcite-Like Materials As Precursors Of Catalysts
PTTh144	Johana	Arboleda	Synthesis And Characterization Of Two Novel Trimetallic Hydrotalcites Based On NiCuCr And NiCoCr As Precursors For Oxidative Dehydrogenation Of Propane
PTTh145	Gustavo	Pimenta Ricci	Synthesis Of Iron-Alumina Heterogeneous Catalysts Prepared By The Non-Hydrolytic Sol-Gel Route Using Surfactants As Structure-Directing Agents
PTTh146	Jose L.	Contreras	Sio _x Effect Over Pt-Pd/ZrO ₂ -WO _x Catalyst Prepared With The Surfactant Hctab
PTTh147	Hyeon Gyu	Park	Hydrolysis And Oxydation On Supported Phospate-Catalyst For SF ₆ Decomposition
PTTh148	Simon	Kondrat	Supercritical Preparation Of Hopcalite And The Effect Of Heat Treated On Phase Formation
PTTh149	Igor	Mashkovskiy	Synergistic Effect In I-Butane Combustion Over Mn-Ce Mixed Oxide Catalysts
PTTh150	Florica	Papa	The Influence Of The Stability Of La _{1-x} Sr _x MnO ₃ Perovskitic Structure In Reducing Environment On The Catalytic Activity For Methane Combustion
PTTh151	Sung-Hyun	Ahn	Oxidative Dehydrogenation Of N-Butene Over Bi ₂ MoO ₆ Catalysts Prepared By Sol-Gel Method In The Presence Of Citric Acid
PTTh152	Isabel C. M. S.	Santos	Sandwich-Type Polyoxometalate Anion-Pillared Layered Double Hydroxides As Oxidative Catalysts
PTTh153	Salim	Derrouiche	Optimization Of Routes For The Synthesis Of Cu/ZnO Catalysts: Implications For The Formation Of Cu ₃ Zn Nanoparticles
PTTh154	Renata	Ribeiro,	Platinum Nanoparticles Supported In Ceria-Alumina Applied To Water Gas Shift Reaction: Reaction Mechanism
PTTh155	Carolina	Cornaglia	High Performance Rh/La ₂ O ₃ -SiO ₂ Catalyst For Water Gas Shift Reaction: Stability, Kinetics And Physicochemical Characterization

PTH156	Christos	Kalamaras	Redox Vs Associative Formate With -OH Group Regeneration Wgs Reaction Mechanism On Supported-Platinum: Effect Of Support Composition, Platinum Particle Size And Reaction Temperature
PTH157	Luisa	Calvo,	Controlled-Size Palladium Nanoparticles As Catalytic System For Hydrodechlorination Of 4-Chlorophenol In Liquid Phase
PTH158	Romain	Delaigle,	Ag-V2O5/TiO2 Catalysts In The Total Oxidation Of Chlorobenzene: Effect Of The Impregnation Order
PTH159	Miroslav	Surma,	Transient Kinetic Investigation Of Ethylene Oxychlorination
PTH160	Ariadna	Alvarez,	Reaction Pathway And Kinetics Of DCM Hydrodechlorination With Pt/C
PTH161	Mukaddes	Can,	Methane Partial Oxidation Over Co And/Or Pb-SBA15 Mesoporous Catalysts
PTH162	Olaf	Deutschmann	Catalytic Partial Oxidation Of Ethanol Blended Gasoline On Rhodium Coated Catalysts
PTH163	Kan-Ern	Liew,	Investigations Of The Reaction Pathways Of Catalytic Partial Dehydrogenation For Aviation Fuel Surrogates
PTH164	Jozwiak	Wojciech,	Thermo-Catalytic Behaviour Of Metal Ni (Ni-Au)/Support Catalysts In Partial Oxidation Of Metadane
PTH165	Benjamin	Beck,	The Partial Ethanol Oxidation As Model Reaction For Supported Transition Metal Oxide Catalysts
PTH166	Dario	Livio,	Interplay Of Gas-Phase And Surface Chemistry In A Short Contact Time Reactor Of Catalytic Partial Oxidation Of C3H8
PTH167	Sheedeh	Fouladvand,	Methane Oxidation Over Pd Supported On Ceria-Alumina
PTH168	Satu	Ojala,	Correlations Between Oxygen Activation And Methane Oxidation Over Pd/Al2O3 Catalysts Prepared By Nitrite Method
PTH169	Carmen	Jiménez-Borja,	Kinetic Experiments On Electrochemically Promoted Methane Oxidation Over A Pd/YSZ Catalyst
PTH170	Andrzej	Machocki, Andrzej	Study Of The Complete Methane Oxidation Over Palladium-Platinum Catalysts By The SSTIKA Method
PTH171	Alexandr	Stakheev,	Pt Particle Size Effect In Deep Oxidation Of N-C4H10 Under Realistic Conditions: Effect Of Water Vapour And O2 Concentration
PTH172	Jehad	Abu-Dahrieh,	One Step DME Synthesis Over Bifunctional Catalyst
PTH173	Lisiane	Mattos,	The Study Of The Catalytic Performance Of Ni/Cegd SOFC Anodes With Low Ni Content For Reforming Of Ethanol
PTH174	Mariana	Stoyanova,	Improved Dehydrogenation Of C3-C4 Alkanes Over Supported Vanadia And Chromia
PTH175	Lachezar	Petrov,	Design Of Catalyst Pellet Of Catalyst For Hydrogenation Of Organic Compounds
PTH176	Kohei	Kubo,	Effect Of Steaming On Catalytic Activity Of HZSM-5 In Heptane Cracking
PTH177	Pedro	Castaño,	Imaging The Deactivating Deposits Along Catalytic Particles Used For The Cracking Of Waste Polyolefins
PTH178	Yasunobu	Inoue	A Smart Structure Microreactor Combined With Acoustic Wave Devices And Activation Of Catalyzed-Liquid Phase Reactions
PTH179	Takanobu	Masuda	Development Of A Porous Alumina Monolith With A Microhoneycomb Structure Using The Ice Templating Method
PTH180	Yoshitaka	Satoh	Controlling The Porous Properties Of Silica Microhoneycombs Including Nafion<Registered> Nanoparticles Obtained Through The Ice Templating Method
PTH181	Satoshi	Hinokuma	Enhancement Of CO Oxidation Activity Of Pd/CeO2 Prepared By Using Arc-Plasma And Post-Thermal Aging
PTH182	Sebastien	Rivard	Preparation Of Catalysts And High Silica Samples By Borate Fusion For Icp-Oes Analysis: Method Development And Results

PTh183	Natalia	Orekhova	Preparation Of Composite Membrane Catalysts By Nanotechnology Of Molecular Layering
PTh184	Jamal	Ftouni	Applications Of Microfluidic Systems In Catalysis: From Gold Nanoparticles Synthesis To The Development Of Functionalized Microreactors
PTh185	Lidia	Protasova	Preparation Of Catalytic Coatings On Microchannel Walls For Various Applications
PTh186	Georg	Simson	Continuous Precipitation Of Cu/ZnO/Al ₂ O ₃ Catalysts In Micro-Structured Reactors
PTh187	Zinifer	Ismagilov	NANOSIZED CO-NI/GLASS FIBER CATALYSTS PREPARED BY "Resolution-Combustion" METHOD
PTh188	Victor	Teixeira da Silva	Lowering The Synthesis Temperature Of Ni ₂ P/SiO ₂ By Pd Addition
PTh189	Angelo	Vaccari	Preparation Of Thermally Stable Geopolymers As New Catalysts Or Supports
PTh190	Fabiano de Almeida	Silva	Metallic Monoliths For Syngas Production
PTh191	Soledad Guadalupe	Aspromonte	Preparation Of Co/AlMCM41 Catalysts By Supercritical CO ₂
PTh192	Nicolas	Carrara	Polymer-Alumina Composite Support: A New Concept For Obtaining Egg-Shell Catalysts
PTh193	LOKESH	KESAVAN	Highly Active Titania Supported Pt And Pd Catalysts For Oxidation Reactions Prepared By A Vapour Deposition Method
PTh194	Wen-Feng	Lin	Preparation And Characterization Of Novel Nano-Electrocatalysts Supported On Ti-Meshes For Direct Alcohol Fuel Cell Applications
PTh195	Heather	Bradshaw	Influence Of Composition In Zr-Ce OSC Materials On Oxygen Mobility
PTh196	IZABELA	DOBROSZ-GOMEZ	Nanocrystalline Ceria-Zirconia Mixed Oxides Upon Thermal Aging
PTh197	Goran	Boskovic	C-Nanotubes Quality As A Function Of Iron/Cobalt-Based Catalyst Supports
PTh198	Estelle	Vanhaecke	Towards Optimised Bimetallic Catalysts On Carbon Nanomaterials For The Reduction Of Nitrates In Water
PTh199	Sebastien	Collins	Understanding The Enhanced Redox Properties Of CeO ₂ Modified By Gallium(III) Cations
PTh200	Saeeda	Soomro	Non-Alternating Polyketones Via Palladium Catalyzed Copolymerization Of Ethylene And Carbon Monoxide: Optimized Reaction Protocol And Structure-Property-Relationships
PTh201	Andrea	Vavasori	Pd(II)-Catalyzed Emulsion Copolymerization Of Carbon Monoxide With Ethene In CH ₂ Cl ₂ /Water As A Solvent
PTh202	Andrea	Vavasori, Andrea	Surfactant-Aided Catalytic Copolymerization Of Carbon Monoxide With Ethene In Water As A Solvent
PTh203	Thomas Ernst	Müller	Utilizing Carbon Dioxide As C ₁ Building Block In The Synthesis Of Aliphatic Polycarbonates
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