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The hydroformylation of vegetable oils and model compounds by ligand modified rhodium catalysis (Kandanarachchi, P. (184) 65)

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Organotitanium chemistry: substituent effects on the dimerization of isoprene catalyzed by alkenyl-substituted cyclopentadienyl titanium complexes (Yong, L. (184) 147)

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Selective oxidations of allylic alcohols with H₂O₂ on a series of lanthanide decatungstate modified with 1-hexadecylpyridinium cation [$\{C_5H_5N(CH_2)_{15}CH_3\}_7H_2Ln(III)W_{10}O_{36}$; cetyl-LnW₁₀, Ln: La–Er]: kinetic features and working mechanisms (Kera, Y. (184) 413)

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CO₂ reforming of CH₄ over Rh-containing catalysts (Portugal, U.L. (184) 311)

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Hybrid supported zirconocene and niobocene catalysts on MAO-modified silicas (dos Santos, J.H.Z. (184) 167)

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Stereoselective hydrogenation of *p*-*tert*-butylphenol over supported rhodium catalyst (Yadav, G.D. (184) 281)

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Substituent effect

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Adsorption of sulfur on Ni_mB₂ clusters: a theoretical investigation on the mechanism of strong sulfur resistance of Ni–B alloy catalyst (Luo, C. (184) 379)

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Supported rhodium thiolate complexes as catalyst precursors for the hydroformylation of 1-heptene in organic media (Rojas, S. (184) 19)

Supported metallocene

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Supported rhodium

Stereoselective hydrogenation of *p*-*tert*-butylphenol over supported rhodium catalyst (Yadav, G.D. (184) 281)

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New aspects of the induction period of ethene polymerization using Phillips CrO_x/SiO₂ catalyst probed by XPS, TPD and EPMA (Liu, B. (184) 387)

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H₂ reduction behaviors and catalytic performance of bimetallic tin-modified platinum catalysts for propane dehydrogenation (Salmones, J. (184) 203)

Toluene partial oxidation

Implication of the acid–base properties of V/Ti-oxide catalyst in toluene partial oxidation (Kiwi-Minsker, L. (184) 223)

TPD

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TPR

H₂ reduction behaviors and catalytic performance of bimetallic tin-modified platinum catalysts for propane dehydrogenation (Salmones, J. (184) 203)

Transesterification

A novel catalyst for transesterification of dimethyl carbonate with phenol to diphenyl carbonate: samarium trifluoromethanesulfonate (Fuming, M. (184) 465)

Transient response technique

Implication of the acid–base properties of V/Ti-oxide catalyst in toluene partial oxidation (Kiwi-Minsker, L. (184) 223)

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Transition metal acetylide

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Triglycerides

The hydroformylation of vegetable oils and model compounds by ligand modified rhodium catalysis (Kandanarachchi, P. (184) 65)

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Ternary metallocene catalyst systems based on metallocene dichlorides and AlBu₃ⁱ/[PhNMe₂H][B(C₆F₅)₄]. NMR investigations of the influence of Al/Zr ratios on alkylation and on formation of the precursor of the active metallocene species (Götz, C. (184) 95)

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Oligomerization of trimethylsilyl acetylene to form large molecules on reduced surfaces of $\text{TiO}_2(0\ 0\ 1)$ (Sherrill, A.B. (184) 301)

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Implication of the acid–base properties of V/Ti-oxide catalyst in toluene partial oxidation (Kiwi-Minsker, L. (184) 223)

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Vegetable oils

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Substrate selectivity in biphasic Wacker-oxidation of alkenes in the presence of water-soluble calixarenes (Karakhanov, E. (184) 11)

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Interfacial aspects of the catalysis of the synthesis of amphiphilic sucrose ethers from 1,2-epoxydodecane and 1,2-epoxydodecan-3-ol in water (Danel, M. (184) 131)

Working mechanism

Selective oxidations of allylic alcohols with H_2O_2 on a series of lanthanide decatungstate modified with 1-hexadecylpyridinium cation $[\{\text{C}_5\text{H}_5\text{N}(\text{CH}_2)_{15}\text{CH}_3\}_7\text{H}_2\text{Ln}(\text{III})\text{W}_{10}\text{O}_{36}]$; cetyl-LnW10, Ln: La–Er]: kinetic features and working mechanisms (Kera, Y. (184) 413)

X-ray photoelectron spectroscopy

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XRD

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Selective oxidation of propene to acrolein on Mo-Te mixed oxides catalysts prepared from ammonium telluromolybdates (Botella, P. (184) 335)

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Hybrid supported zirconocene and niobocene catalysts on MAO-modified silicas (dos Santos, J.H.Z. (184) 167)

Zeolite K-L

Selective preparation of 4,4'-dichlorodiphenylmethane over zeolite K-L catalyst using sulfuryl chloride (Kale, S.M. (184) 399)

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CO_2 reforming of CH_4 over Rh-containing catalysts (Portugal, U.L. (184) 311)

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Liquid-phase oxidation of benzene to phenol by vanadium catalysts in aqueous solvent with high acetic acid concentration (Masumoto, Y.-k. (184) 215)

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Synthesis and polymerization catalytic properties of aryl-substituted tetramethylcyclopentadienyl zirconocenes (Deng, X. (184) 57)

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Benzoylation of benzene and substituted benzenes by benzoyl chloride over $\text{In}_2\text{O}_3/\text{Si-MCM-41}$ catalyst (Choudhary, V.R. (184) 247)