

Recent advances in heterogeneous selective oxidation c

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A Comparative Study of Size Effects in the Au-Catalyzed Oxidative and Non-Oxidative Dehydrogenation of Benzyl Alcohol. Chemistry - an Asian Journal, 2014, 9, 2187-2196.	3.3	41
2	A brief review of para-xylene oxidation to terephthalic acid as a model of primary C-H bond activation. Chinese Journal of Catalysis, 2014, 35, 1641-1652.	14.0	37
3	Base-Free Aerobic Oxidation of 5-Hydroxymethyl-furfural to 2,5-Furandicarboxylic Acid in Water Catalyzed by Functionalized Carbon Nanotube-Supported Au-Pd Alloy Nanoparticles. ACS Catalysis, 2014, 4, 2175-2185.	11.2	353
4	The Importance of Catalyst Wettability. ChemCatChem, 2014, 6, 3048-3052.	3.7	104
5	Benzyl Alcohol Oxidation on Carbon-Supported Pd Nanoparticles: Elucidating the Reaction Mechanism. ChemCatChem, 2014, 6, 3464-3473.	3.7	82
6	Support effect in the preparation of supported metal catalysts via microemulsion. RSC Advances, 2014, 4, 50955-50963.	3.6	38
7	Oxidation of primary and secondary benzylic alcohols with hydrogen peroxide and tert-butyl hydroperoxide catalyzed by a α -helmet-phthalocyaninato iron complex in the absence of added organic solvent. Dalton Transactions, 2014, 43, 17899-17903.	3.3	19
8	Au-Cu-Pt ternary catalyst fabricated by electrodeposition and galvanic replacement with superior methanol electrooxidation activity. RSC Advances, 2014, 4, 57600-57607.	3.6	31
9	Carbon Materials as Catalyst Supports and Catalysts in the Transformation of Biomass to Fuels and Chemicals. ACS Catalysis, 2014, 4, 3393-3410.	11.2	523
10	An efficient noble metal-free Ce-Sm/SiO ₂ nano-oxide catalyst for oxidation of benzylamines under ecofriendly conditions. RSC Advances, 2014, 4, 46378-46382.	3.6	52
11	Nanoparticle-supported and magnetically recoverable organic-inorganic hybrid copper(^{II}) nanocatalyst: a selective and sustainable oxidation protocol with a high turnover number. RSC Advances, 2014, 4, 41111-41121.	3.6	16
12	Exploring the coordination chemistry of 2-picolinic acid to zinc and application of the complexes in catalytic oxidation chemistry. Inorganic Chemistry Communication, 2014, 46, 320-323.	3.9	14
13	Multiphase catalytic oxidation of alcohols over paper-structured catalysts with micrometer-size pores. Applied Catalysis A: General, 2014, 486, 201-209.	4.3	7
14	Catalyst-free sulfonylation of activated alkenes for highly efficient synthesis of mono-substituted ethyl sulfones in water. Green Chemistry, 2014, 16, 4106.	9.0	79
15	Functional carbons and carbon nanohybrids for the catalytic conversion of biomass to renewable chemicals in the condensed phase. Chinese Journal of Catalysis, 2014, 35, 842-855.	14.0	26
16	Catalytic Organic Reactions on the Surface of Silver(I) Oxide in Water. Chemistry Letters, 2014, 43, 1867-1869.	1.3	8
18	Selective Oxidation of 1,6-Hexanediol to 6-Hydroxycaproic Acid over Reusable Hydrotalcite-Supported Au-Pd Bimetallic Catalysts. ChemSusChem, 2015, 8, 1862-1866.	6.8	16
19	Maghemite-Copper Nanocomposites: Applications for Ligand-Free Cross-Coupling (C-O, C-S, and C-N) Reactions. ChemCatChem, 2015, 7, 3495-3502.	3.7	54

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20	Well-Defined Metal-Organic Framework Hollow Nanostructures for Catalytic Reactions Involving Gases. <i>Advanced Materials</i> , 2015, 27, 5365-5371.	21.0	162
21	Palladium-Based Nanomaterials: A Platform to Produce Reactive Oxygen Species for Catalyzing Oxidation Reactions. <i>Advanced Materials</i> , 2015, 27, 7025-7042.	21.0	115
22	Onion-Like Graphene Carbon Nanospheres as Stable Catalysts for Carbon Monoxide and Methane Chlorination. <i>ChemCatChem</i> , 2015, 7, 3036-3046.	3.7	19
23	Cobalt-iron oxides made by CVD for low temperature catalytic application. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 1508-1513.	1.8	14
24	Utilization of Volatile Organic Compounds as an Alternative for Destructive Abatement. <i>Catalysts</i> , 2015, 5, 1092-1151.	3.5	35
25	Gold and silver catalysis: from organic transformation to bioconjugation. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6667-6680.	2.8	57
26	Advances and Recent Trends in Heterogeneous Photo(Electro)-Catalysis for Solar Fuels and Chemicals. <i>Molecules</i> , 2015, 20, 6739-6793.	3.8	61
27	Cu(II)/Cu(I)LDH Hybrid as Novel Efficient Catalyst for Artificial Superoxide Dismutase (SOD) and Cyclohexene Oxidation by H ₂ O ₂ . <i>Catalysis Letters</i> , 2015, 145, 1529-1540.	2.6	16
28	Mechanism of methylene oxidation on Pt catalysts: A DFT study. <i>Computational and Theoretical Chemistry</i> , 2015, 1067, 40-47.	2.5	16
29	Selective Oxidation with Aqueous Hydrogen Peroxide by [PO ₄]{WO ₂ } ₂ supported on Zinc-Modified Tin Dioxide. <i>ChemCatChem</i> , 2015, 7, 1097-1104.	3.7	33
30	A Tris(triazolate) Ligand for a Highly Active and Magnetically Recoverable Palladium Catalyst of Selective Alcohol Oxidation Using Air at Atmospheric Pressure. <i>Chemistry - A European Journal</i> , 2015, 21, 6501-6510.	3.3	23
31	New perspective to Keplerate polyoxomolybdates: Green oxidation of sulfides with hydrogen peroxide in water. <i>Catalysis Communications</i> , 2015, 66, 107-110.	3.3	53
32	Recent advances of pore system construction in zeolite-catalyzed chemical industry processes. <i>Chemical Society Reviews</i> , 2015, 44, 8877-8903.	38.1	279
33	Chemoselective Oxidation of Benzyl, Amino, and Propargyl Alcohols to Aldehydes and Ketones under Mild Reaction Conditions. <i>ChemistryOpen</i> , 2015, 4, 107-110.	1.9	14
34	Precisely-controlled synthesis of Au@Pd core-shell bimetallic catalyst via atomic layer deposition for selective oxidation of benzyl alcohol. <i>Journal of Catalysis</i> , 2015, 324, 59-68.	6.2	133
35	Sonophotodeposition of Bimetallic Photocatalysts Pd-Au/TiO ₂ : Application to Selective Oxidation of Methanol to Methyl Formate. <i>ChemSusChem</i> , 2015, 8, 1676-1685.	6.8	55
36	Highly Efficient and Selective Oxidation of Aromatic Alcohols Photocatalyzed by Nanoporous Hierarchical Pt/Bi ₂ WO ₆ in Organic Solvent-Free Environment. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 1257-1269.	8.0	106
37	Mild and selective catalytic oxidation of organic substrates by a carbon nanotube-rhodium nanohybrid. <i>Catalysis Science and Technology</i> , 2015, 5, 4542-4546.	4.1	29

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38	Tertiary amine mediated aerobic oxidation of sulfides into sulfoxides by visible-light photoredox catalysis on TiO_2 . Chemical Science, 2015, 6, 5000-5005.	7.4	89
39	Calcination system-induced nanocasting synthesis of uniform Co_3O_4 nanoparticles with high surface area and enhanced catalytic performance. RSC Advances, 2015, 5, 35524-35534.	3.6	18
40	The cascade synthesis of quinazolinones and quinazolines using an MnO_2 catalyst and tert-butyl hydroperoxide (TBHP) as an oxidant. Chemical Communications, 2015, 51, 9205-9207.	4.1	120
41	Carbon monoxide–isocyanide coupling promoted by acetylide addition to a diiron complex. Chemical Communications, 2015, 51, 8101-8104.	4.1	18
42	Hybrid Ni-Al layered double hydroxide/graphene composite supported gold nanoparticles for aerobic selective oxidation of benzyl alcohol. RSC Advances, 2015, 5, 36066-36074.	3.6	55
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47	Polyoxometalate-based metal–organic coordination networks for heterogeneous catalytic desulfurization. CrystEngComm, 2015, 17, 7938-7947.	2.6	40
48	A modelling approach for MOF-encapsulated metal catalysts and application to n-butane oxidation. Physical Chemistry Chemical Physics, 2015, 17, 27596-27608.	2.8	19
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50	Functionalized Carbon Nanotubes for Biomass Conversion: The Base-Free Aerobic Oxidation of 5-Hydroxymethylfurfural to 2,5-Furandicarboxylic Acid over Platinum Supported on a Carbon Nanotube Catalyst. ChemCatChem, 2015, 7, 2853-2863.	3.7	113
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67	Nitration-Oximization of Styrene Derivatives with <i>tert</i> -Butyl Nitrite: Synthesis of <i>tert</i> -Nitrooximes. Chinese Journal of Chemistry, 2016, 34, 830-838.	4.9	8
68	Natural polymers supported copper nanoparticles for pollutants degradation. Applied Surface Science, 2016, 387, 1154-1161.	6.1	131
69	Selective Production of Carbon Monoxide via Methane Oxychlorination over Vanadyl Pyrophosphate. Angewandte Chemie, 2016, 128, 15848-15852.	2.0	3
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82	Unexpected, Latent Radical Reaction of Methane Propagated by Trifluoromethyl Radicals. Journal of Organic Chemistry, 2016, 81, 9820-9825.	3.2	10
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#	ARTICLE	IF	CITATIONS
93	Selective Production of Carbon Monoxide via Methane Oxychlorination over Vanadyl Pyrophosphate. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15619-15623.	13.8	14
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