

Carine Edith Chan-Thaw

List of Publications by Year in descending order

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41
papers

2,286
citations

279798

23
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265206

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docs citations

45
times ranked

3427
citing authors

#	ARTICLE	IF	CITATIONS
1	DFT-Assisted Spectroscopic Studies on the Coordination of Small Ligands to Palladium: From Isolated Ions to Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2020, 124, 4781-4790.	3.1	4
2	Dual-Site-Mediated Hydrogenation Catalysis on Pd/NiO: Selective Biomass Transformation and Maintenance of Catalytic Activity at Low Pd Loading. <i>ACS Catalysis</i> , 2020, 10, 5483-5492.	11.2	52
3	Metal-Support Cooperative Effects in Au/VPO for the Aerobic Oxidation of Benzyl Alcohol to Benzyl Benzoate. <i>Nanomaterials</i> , 2019, 9, 299.	4.1	10
4	Selective Benzyl Alcohol Oxidation over Pd Catalysts. <i>Catalysts</i> , 2018, 8, 431.	3.5	50
5	Understanding Heteroatom-Mediated Metal-Support Interactions in Functionalized Carbons: A Perspective Review. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1159.	2.5	60
6	Metal Carbides for Biomass Valorization. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 259.	2.5	15
7	Tandem Site- and Size-Controlled Pd Nanoparticles for the Directed Hydrogenation of Furfural. <i>ACS Catalysis</i> , 2017, 7, 2266-2274.	11.2	113
8	Impact of Support Oxide Acidity in Pt-Catalyzed HMF Hydrogenation in Alcoholic Medium. <i>Catalysis Letters</i> , 2017, 147, 345-359.	2.6	18
9	Molecular Origin of the Selectivity Differences between Palladium and Gold-Palladium in Benzyl Alcohol Oxidation: Different Oxygen Adsorption Properties. <i>ChemCatChem</i> , 2017, 9, 253-257.	3.7	33
10	Enhanced Activity of Au/NiO Nanohybrids for the Reductive Amination of Benzyl Alcohol. <i>Materials</i> , 2017, 10, 1435.	2.9	3
11	Tailored N-Containing Carbons as Catalyst Supports in Alcohol Oxidation. <i>Materials</i> , 2016, 9, 114.	2.9	6
12	Au-Based Catalysts: Electrochemical Characterization for Structural Insights. <i>Molecules</i> , 2016, 21, 261.	3.8	8
13	Untangling the Role of the Capping Agent in Nanocatalysis: Recent Advances and Perspectives. <i>Catalysts</i> , 2016, 6, 185.	3.5	175
14	Spectroscopic Investigation of Titania-Supported Gold Nanoparticles Prepared by a Modified Deposition/Precipitation Method for the Oxidation of CO. <i>ChemCatChem</i> , 2016, 8, 2136-2145.	3.7	11
15	N-Modified Carbon-Based Materials: Nanoscience for Catalysis. <i>Chemical Record</i> , 2016, 16, 2187-2197.	5.8	10
16	Microkinetic Modeling of Benzyl Alcohol Oxidation on Carbon-Supported Palladium Nanoparticles. <i>ChemCatChem</i> , 2016, 8, 2482-2491.	3.7	39
17	Metal nanoparticles on carbon based supports: The effect of the protective agent removal. <i>Catalysis Today</i> , 2016, 278, 91-96.	4.4	24
18	Characterisation of gold catalysts. <i>Chemical Society Reviews</i> , 2016, 45, 4953-4994.	38.1	140

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19	The confinement effect on the activity of Au NPs in polyol oxidation. <i>Catalysis Science and Technology</i> , 2016, 6, 598-601.	4.1	20
20	Effect of the preparation method of supported Au nanoparticles in the liquid phase oxidation of glycerol. <i>Applied Catalysis A: General</i> , 2016, 514, 267-275.	4.3	37
21	Valorisation of Glycerol to Fine Chemicals and Fuels. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2016, , 352-384.	0.3	1
22	Acid-Functionalized Mesoporous Carbon: An Efficient Support for Ruthenium-Catalyzed β -Valerolactone Production. <i>ChemSusChem</i> , 2015, 8, 2520-2528.	6.8	58
23	Pd ^{II} Entrapped in a Covalent Triazine Framework Modulates Selectivity in Glycerol Oxidation. <i>ChemCatChem</i> , 2015, 7, 2149-2154.	3.7	30
24	Operando Attenuated Total Reflectance FTIR Spectroscopy: Studies on the Different Selectivity Observed in Benzyl Alcohol Oxidation. <i>ChemCatChem</i> , 2015, 7, 2534-2541.	3.7	23
25	AuPt Alloy on TiO ₂ : A Selective and Durable Catalyst for Sorbose Oxidation to β -Keto-Gulonic Acid. <i>ChemSusChem</i> , 2015, 8, 4189-4194.	6.8	14
26	Selective Oxidation of Raw Glycerol Using Supported AuPd Nanoparticles. <i>Catalysts</i> , 2015, 5, 131-144.	3.5	28
27	Bismuth modified Au-Pt bimetallic catalysts for dihydroxyacetone production. <i>Catalysis Today</i> , 2015, 249, 103-108.	4.4	39
28	Tailoring Gold Nanoparticle Characteristics and the Impact on Aqueous-Phase Oxidation of Glycerol. <i>ACS Catalysis</i> , 2015, 5, 4377-4384.	11.2	45
29	Glycerol Oxidation Using Gold-Containing Catalysts. <i>Accounts of Chemical Research</i> , 2015, 48, 1403-1412.	15.6	265
30	AuRu/AC as an effective catalyst for hydrogenation reactions. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 28171-28176.	2.8	20
31	Identifying the Role of N-Heteroatom Location in the Activity of Metal Catalysts for Alcohol Oxidation. <i>ChemCatChem</i> , 2015, 7, 1338-1346.	3.7	22
32	Benzyl Alcohol Oxidation on Carbon-Supported Pd Nanoparticles: Elucidating the Reaction Mechanism. <i>ChemCatChem</i> , 2014, 6, 3464-3473.	3.7	82
33	New generation biofuels: β -valerolactone into valeric esters in one pot. <i>RSC Advances</i> , 2013, 3, 1302-1306.	3.6	92
34	Influence of Periodic Nitrogen Functionality on the Selective Oxidation of Alcohols. <i>Chemistry - an Asian Journal</i> , 2012, 7, 387-393.	3.3	57
35	A Bifunctional Copper Catalyst for the One Pot-One Step Esterification+Hydrogenation of Tall Oil Fatty Acids. <i>Topics in Catalysis</i> , 2012, 55, 631-636.	2.8	9
36	Gold catalyzed liquid phase oxidation of alcohol: the issue of selectivity. <i>Faraday Discussions</i> , 2011, 152, 353.	3.2	84

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37	Redox Properties of Manganese-Containing Zirconia Solid Solution Catalysts Analyzed by In Situ UV-Vis Spectroscopy and Crystal Field Theory. <i>Journal of Physical Chemistry A</i> , 2011, 115, 8100-8112.	2.5	19
38	Au on Nanosized NiO: A Cooperative Effect between Au and Nanosized NiO in the Base-Free Alcohol Oxidation. <i>ChemCatChem</i> , 2011, 3, 1612-1618.	3.7	57
39	Triazine-Based Polymers as Nanostructured Supports for the Liquid-Phase Oxidation of Alcohols. <i>Chemistry - A European Journal</i> , 2011, 17, 1052-1057.	3.3	106
40	Covalent Triazine Framework as Catalytic Support for Liquid Phase Reaction. <i>Nano Letters</i> , 2010, 10, 537-541.	9.1	363
41	Au NPs on anionic-exchange resin as catalyst for polyols oxidation in batch and fixed bed reactor. <i>Applied Catalysis B: Environmental</i> , 2010, 96, 541-547.	20.2	42